

PERSONAL INFORMATION

Last name and first name: Damiano Baldassarre
Place and date of birth: Taranto (Italy) March 27, 1962
Nationality: Italian
Work address 1: Department of Medical Biotechnology and Translational Medicine - University of Milan. Faculty of Medicine. Via Vanvitelli 32, 20129 Milan, Italy.
Work address 2: Monzino Cardiology Center
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POSITION

Associate Professor for the Scientific Disciplinary Sector BIO/14- Pharmacology, University of Milan

DATABASE PROFILE

H INDEX: (January, 2019) 32
RESEARCH GATE: https://www.researchgate.net/profile/Damiano_Baldassarre
ORCID: <https://orcid.org/0000-0002-2766-8882>
Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=6701322321>
ResearcherID: J-3295-2016

WORK EXPERIENCE

Since 2017: Associate Professor at the Department of Medical Biotechnology and Translational Medicine - University of Milan (Italy).

From 2006 to 2017: Aggregate Professor at the Department of Pharmacological and Biomolecular Sciences - University of Milan (Italy).

Since 2006: Researcher at the Department of Pharmacological Sciences, University of Milan (Italy).

Since 2000: Coordinator of the Unit for the Study of Arterial Morphology and Function (Cardiology Monzino Centre IRCCS). The University of Milan, within a consulting contract with the Centro Cardiologico Monzino, has conferred to Dr. Baldassarre the responsibility of carrying out researches in the field of arterial morphology and function. As a RESULT, the Monzino Cardiology Centre has indicated the Dr. Baldassarre as the responsible for the "Research unit for the Study of arterial morphology and function".

From 1996 to 2009: Coordinator of the Ultrasonography Unit of the E. Grossi Paoletti Center - Department of Pharmacological Sciences, University of Milan.

From 1998 to 2004: Research assistant at Department of Pharmacological Sciences, University of Milan.

From 1996 to 1998: Resident Fellow at the E. Grossi Paoletti Center.

From 1992 to 1996: PhD student in "Metabolism of drugs and Pharmacokinetics" at the Institute of Pharmacological Sciences of the University of Bari (Faculty of Medicine and Surgery).

From 1990 to 1992: Resident Fellow at the E. Grossi Paoletti Center.

EDUCATION AND TRAINING

1996: PhD in "Drugs Metabolism and pharmacokinetics". University of Bari, Italy, Medicine and Surgery Faculty. Title of the experimental thesis: "*anti-atherosclerotic activity of pravastatin in*

hypercholesterolemic patients. Evaluation of the wall thickening of extracranial carotid arteries and of forearm arterial compliance."

1992: Registration in the professional register of Biologists.

1991: Licence to practise the activity of sonographer by The Bowman Gray School of Medicine (Winston-Salem, North Carolina, USA).

1991: Licence to practise the profession of Biologist.

1989: University degree in Biological Sciences at the University of Milan. (Score of 105/110).

Since 1987 to 1988: Resident Fellow at the laboratories of Comparative Anatomy of the Institute of Biological Sciences where he has a thesis entitled "*Evaluation of the carcinogenic risk from beta-blockers*".

1982: Industrial technical diploma: Istituto Tecnico Statale VII ITIS, Milan. (score of 54/60).

ADVANCED COURSES

- Dissecting complexity of chronic diseases with artificial adaptive systems. Advanced course - Como, 26-30 May 2014
- ECM Course. Personalized approach to preclinical atherosclerosis by ultrasound: the time is now. Florence, 5 Ottobre 2011.
- Artificial Intelligence in Medicine - Back to the future - Rome, May 7-10, 2008.
- 1st International Course "INTEGRATED BIOMARKERS: Biochemical and Bioimaging Endpoints in Cardiocerebrovascular Diagnosis, Prevention, and Therapy. Lugano (CH), October 27-29, 2005.
- Biological marker of inflammation and cardiovascular diseases (in memory of prof. Giovanni Galli) Milan, October 22, 2003.
- International course "From Genetic Diagnosis to Gene Therapy". Lugano (CH) February 8-10, 2001.
- 3rd International Symposium. Multiple Risk Factors in Cardiovascular Disease Vascular and Organ Protection. Florence, July 6-9, 1994.
- XIII National Congress of the Italian Society for the Study of Haemostasis and Thrombosis. Lanciano, June 26-30, 1994.
- National Congress of the Italian Society of Pharmacology (Clinical Pharmacology Section) "Predictive models of therapeutical activity in normal subject". Udine, September 23-25, 1993.
- International symposium on "The Lipid Triad (Triglycerides, HDL, LDL) And Cardiovascular Disease". Milan, July 5-8, 1993.
- 1st International Congress of the ISSFAL (International Society for the Study of Fatty Acids and Lipids). "Fatty acids and lipids from cell biology to human disease". Lugano (CH), June 30 - July 3, 1993.
- Meeting on "Kinetic dynamic correlations in clinical neuropsychopharmacology 1993" Milan, March 26, 1993.
- Updating course in Flow cytometry: "Innovation in immunology" Milan, March 2, 1993.
- Practical-Theoretical Course: "Determinants of arterial thrombosis: Thrombogenic factors and clinical relevance". Lanciano, November 5-7, 1992.
- Congress of Clinical Pharmacology 1992: "New perspectives, organization and methodologies". Valsugana (Trento), 29 March 29 - April 1, 1992.
- 3rd International Workshop on vascular Haemodynamics. "Follow-up ad prevention of atherosclerotic plaque". Bologna, October 17-18, 1991.
- Practical-theoretical Course: "Arterial Thrombosis: Eicosanoids ad cell activation. Milan, September 16-17, 1991.

ATTIVITÀ DI RICERCA

The research activity concerns the pathophysiology of atherosclerotic disease; peripheral circulation; arterial mechanics; vascular ultrasound; vascular aspects of metabolic disease;

vascular pharmacology. An example is the application of ultrasound technologies for the study of human atherosclerotic disease and models for the estimation of cardiovascular risk based on multidisciplinary skills including statistics, biochemistry, biotechnology and bionformatics.

Main research topics are:

- identification of new atherosclerosis risk factors on the basis of their effect on C-IMT and endothelial function
- development of new tools for the study of atherosclerosis and for improving predictability of vascular events
- assessment of the association between C-IMT change over-time, conventional and emerging risk factors and the incidence of cardiovascular events
- assessment of the association between carotid plaque volume and its change over-time, conventional and emerging risk factors and the incidence of cardiovascular events
- assessment of the effects of pharmacological treatments on morphological and functional properties of superficial arteries
- identification of innovative methods for image processing based on artificial neural networks analyses
- use of novel statistical models able to account for the complex patterns of interconnections between the different variables affecting cardiovascular disease
- epidemiological studies aimed at identifying subjects at high risk of cardiovascular diseases

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	good	excellent	good	good	excellent

PROFESSIONAL SKILLS

- Development and use of ultrasonic and plethysmographic technologies
- Analysis of complex biological data using bioinformatics procedures and artificial intelligence
- Analysis of genetic and environmental risk factors of interest for atherosclerotic disease
- Use of genomic databases
- Knowledge of office programs and statistical software dedicated to data analysis
- Scientific dissemination of technologies used in the field of non-invasive diagnostics techniques

Communication skills

I have good communication skills acquired during my experience:

- as scientific coordinator of the Ultrasonology Unit of the Centre E. Grossi Paoletti - Department of Pharmacological Sciences, University of Milan (1996-2009).
- as scientific coordinator of the Unit for the study of morphology and arterial function of the Centro Cardiologico Monzino

The communicative skills have been acquired also thanks to decades of experience in teaching in university courses (from 1995 to the present) and in specialization courses.

Organisational / managerial skills

Currently responsible for a team of 7 people

Within his research activities, Dr. Baldassarre has been involved in a number of multicenter clinical trias not only as participant but also with roles of coordinator. Following a list of clinical trials in

which Dr. Baldassarre has been involved:

2014: Responsible of the scientific coordination of the unit of ultrasonography for the study "*Gender and geographical specific circulating microRNA signatures as biomarkers of atherosclerosis, atherosclerosis progression and vascular events*" funded by the Italian Ministry of Health in the Notice 2011-2012 Ordinary Projects RF (Project code: RF-2011-02352006; P.I.: Elena Tremoli).

Since 2013: Cooperates in organizing and coordinating the scientific activities of the program of cardiovascular screening "PRENDIAMOCI A CUORE". A primary prevention initiative aimed at investigating the cardiovascular risk profile of employees of the Milan Public Transportation Company (ATM).

Since 2012: Cooperate in the organization and coordination of scientific activities of the cardiovascular screening program "PreviENI". A program to investigate the cardiovascular profile of the executives of multinational company ENI.

Since 2010: Principal investigator in the **ANN-IDA** study (Artificial Neural Network in development of Innovative Diagnostic systems for Atherosclerotic disease).

The project, funded by the Monzino Cardiology Centre, intends to make use of Artificial Neural Networks to develop innovative diagnostic tools for the study of atherosclerotic disease, able to rework the images obtained with traditional imaging techniques (angiography, CT angiography, and external ultrasound) to capture aspects not normally detectable with classical image processing systems.

2009-2011: Organizer and Co-ordinator of the ultrasonic reading center and co-ordinator of all the activities of the sonographers group involved in the multicenter clinical trial **CAMELIA** (*Cardiovascular risks , MEtabolic syndrome, L_Iver, and A_Utoimmune disease*). A population study on the interactions between cardiovascular disease, metabolic syndrome, liver diseases and autoimmunity.

2008: Scientific coordinator of the part of the study on the endothelial function of patients recruited in Milan and included in the multicenter project entitled: "*Evaluation of the relationship between HDL quantity and HDL functionality in patients treated with HDL-C raising drugs*". The study, funded by ICTA PM on behalf of Hoffmann-LA ROCHE, investigated the effect of Niacin and Fenofibrate on endothelial function.

2007-2009: Member of the Scientific Committee of the "*Innovative Regional Project in cerebrovascular area*" funded by Regione Lombardia 2006 (D.G.R 11/2/2005 n. VII/20592) and scientific coordinator of subproject 1 entitled "*Identification of patients at high cardio-cerebrovascular risk through the algorithm developed by the National Institute of health: benefits of measuring the intimal medial thickness (IMT) of extracranial carotid arteries, a surrogate endpoint of events.*"

2005-2009: Organizer and Co-ordinator of the ultrasonic reading center and of the activities of the sonographers involved in the multicenter, longitudinal **MIAMI study**, aimed at investigate the relationship between changes in extracranial carotid intima-media thickness (C-IMT) and changes in levels of circulating markers of inflammation, thrombosis and endothelial dysfunction in patients with stable coronary artery disease treated with atorvastatin for two years.

2005-2008: Scientific coordinator of the study "*Influence of HDL on carotid atherosclerosis: a study in mediterranean and northern europe populations*" funded by "*Pfizer Inc, a Delaware Corporation*" as part of the Applicant's Research proposal "International HDL Research Awards Program".

2004-2008: Winner of a competitive program organized by the External Research Program of "Philip Morris USA" and "Philip Morris International" through which it obtains funding for the construction of a multicenter study involving two Italian centers, entitled "*Effects of light and heavy cigarette consumption on carotid intima media thickness and brachial artery flow mediated dilation in patients at high risk of cardiovascular disease*". Organizes and coordinates all the scientific activities of the study.

2003-2006: Principal investigator in the **SMARG** study (*Impaired endothelial function as an index of cardiovascular risk in patients with metabolic syndrome*), a multicenter project funded by the Ministry of Health as part of "Targeted Research 2003".

The study evaluated 1) the effects of diet/pharmacological strategies on the vascular function in patients with metabolic syndrome and/or insulin resistance, 2) new therapeutic strategies to be applied to patients who respond poorly to drugs treatment aimed at controlling conventional risk factors and 3) new applications in addition to conventional therapy.

2002-2008: Vice-Coordinator and responsible of the scientific coordination of the **IMPROVE study** [*Carotid Intima Media Thickness (IMT) and IMT-progression as predictors of vascular events in a high risk population european*], an epidemiological study funded by the European Union under the 5th Framework Programme which trading ended in October 31, 2002.

2000-2004: Responsible for the scientific coordination of the “**Maxepa study**”, a single-center project funded by the Institut de Recherche Pierre Fabre, Département Recherche Clinique, which evaluated the effect of polyunsaturated fatty acids n-3 (n-3 PUFA) on haemostasis and vascular status in patients with combined hyperlipidemia.

1998-2000: Organizer and Co-ordinator of the ultrasonic reading center and co-ordinator of all the activities of the sonographers group involved in the multicenter clinical trial “Cerivastatin On Arterial intima-media Thickness (COAT)” which involved 9 italian clinical centers.

1996-2000: Sonographer in the **PHYLLIS study**, a multicenter clinical trial coordinated by the Bowman Gray School of Medicine (Winston-Salem, North Carolina, USA) aimed at evaluating the effect of the association Pravastatin - fosinopril on the progression of carotid atherosclerosis in patients with moderate hypercholesterolemia and moderate hypertension.

1992-1996: Participation in the **PLAT study** (*Progetto Lombardo di AteroTrombosi*), a multicenter clinical trial coordinated by prof. M. Cortellaro of the University of Milan aimed at evaluating the correlation between hemostatic variables and atherothrombotic events in a cohort of about 1000 patients with a history of vascular disease.

1990-1994: Sonographer in the **CAIUS study**, a multicenter clinical trial coordinated by the Bowman Gray School of Medicine (Winston-Salem, North Carolina, USA) aimed at evaluating the effect of pravastatin on the progression of carotid atherosclerosis in patients with moderate hypercholesterolemia.

Academic assignments

Since 2018: Member of the faculty of the Ph.D. School in “Biomolecular, experimental and clinical pharmacological sciences” - Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.

2013-2018: Member of the faculty of the Ph.D. School in “Experimental and clinical Pharmacological sciences” - Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.

2010-2012: Member of the faculty of the Ph.D. School in “Pharmacological Sciences”. Department of Pharmacological Sciences, University of Milan.

2008-2009: Member of the faculty of the Ph.D. School in “Pharmacotoxicological, pharmacognostic sciences and pharmacological biotechnology”. Department of Pharmacological Sciences, University of Milan.

Since 2006: Member of the Board of the Centre for Pharmacological Research for the study and prevention of cardiovascular disease at the Cardiology Monzino Centre.

2016: Referee for the MIUR program PRIN

2016: Referee of the Italian Evaluation of Research Quality exercise (VQR 2016)

National scientific habilitation

2017: National Scientific Habilitation to the role of full professor in the competitive sector 05/G1 Pharmacology [DD n. 1532/2016)].

2014: National Scientific Habilitation to the role of associate professor in the competitive sector 05/G1 Pharmacology [Notice 2012 (DD no. 222/2012)].

Teaching activity

Since 2017:

- Holder of the “*Course of Pharmacology*” - Degree in Nursing. IEO section;
- Holder of the “*Course of Medicine and Pharmacology*” - Degree course in nursing. Crema Section

- Co-owner of the “*Course of Pharmacology*” - Degree in Nursing. San Donato Section

From 2013 to 2017: Holder of the course “*Scientific communication of the drug*” - Degree course in Pharmacy.

2011-2012: holder of the course “*Pharmacology and Pharmacotherapy*” - degree course in Pharmacy.

From 2006 to 2013: holder of the course “*Personalized pharmacological therapies and drug interactions*” - Bachelor of Science in Pharmacy.

2006-2007: Holder of the course “*Clinical trials of drugs*” - Bachelor of Science in Pharmacy.

2003-2004: Contract Professor in the specialization school of Pharmacology of faculty of Farmacy (University of Milan- Italy).

From 1999 to 2014: Lessons at the course of “*Pharmacology and Pharmacotherapy*” - Bachelor of Science in Pharmacy, Faculty of Pharmacy.

2008-2009: Lesson at the course of “*Experimental clinical pharmacology*” - Bachelor of Science in Pharmacy, Faculty of Pharmacy.

From 1999 to 2009: Lessons at the course of “*Pharmacologic and Pharmacognostic methodology*” - Diploma in Herbal Medicine.

2007-2008: Lessons at the course of “*Clinical pharmacology*” - Bachelor of Science in Pharmacy, Faculty of Pharmacy.

2002-2004: Lessons at the course of “*Pharmacological Biotechnology*” (3rd year) - Pharmacological Methods.

2001-2002: Lessons at the course of “*Pharmacologic methodology*” (4th year) - Bachelor of Science in Chemistry and Pharmaceutical Technology, Faculty of Pharmacy (Pharmacotherapeutic guidance).

2001-2002: Lessons within the specific post-graduate training course in General Medicine.

2000-2001: Seminars for Ph.D students in “*Pharmacological, Pharmacognostical Sciences and Pharmacological biotechnologies*”.

From 1999 to 2003: Lessons at the course of “*Pharmacology and Pharmacognosy*”. Faculty of Pharmacy.

From 1995 to 2003: Seminars at school of “*Specialization in Pharmacology*”.

1995-1996: Seminars at the School of specialization in pharmacology, specializing in clinical pharmacology.

<p>Teaching activities in foreign countries</p>	<p>2009-2016: Lessons in the Course of Pharmacology and Pharmacotherapy in the Degree Course in Pharmacy of “Our Lady of Good Counsel”. Tirana - Albania.</p> <p>Seminar organized by the Department of Medical Imaging Rambam Health Care Campus and Faculty of Medicine, Technion , Israel Institute of Technology. Title: “Measurements of carotid IMT and carotid IMT-progression improve prediction of cardiovascular events: results of the IMPROVE study”. Haifa, Israel 2013.</p> <p>Invited teacher as “Faculty Member” at the course EUROECHO 2007 organized by the “European Association of Echocardiography”. Title: “<i>Intima media thickness measurement and atherosclerosis</i>”. Lisbon, December 5-8, 2007.</p> <p>Organizer of the course: “Vascular Ultrasound Workshop”. Title: “<i>Training course on carotid intima-media thickness and on brachial artery flow mediate dilation</i>” held by Dr. M. Amato in Hong Kong, June 17-24, 2005.</p> <p>Seminar as Faculty Member” in the V INCONTRO LUSO-ITALIANO organized by the University of Coimbra. Lisbon. Title: “<i>B-Mode ultrasound imaging: prospective investigation of carotid atherosclerosis</i>”. September 1998.</p> <p>Seminar as “Faculty Member” in the course “Education and Training Programme on Ultrasound diagnostic of peripheral vascular diseases” organized by the European Heart House. Title: “<i>Intima media thickness measurement and interpretation</i>”. Nice, May, 30-31 1997.</p>
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MIUR reviewer:

Registered in the Register of reviewers for the MIUR Ministry

Assignment of reviewer Cineca-MIUR-VQR

External reviewer for other universities

Reviewer for international journals

Reviewer for numerous national and international scientific journals, including: *Circulation, Arteriosclerosis Thrombosis and Vascular Biology, Stroke, Atherosclerosis, Thrombosis and Hemostasis, Cardiovascular Research, Nutrition Metabolism and Cardiovascular Disease, Acta Diabetologica, American Journal of Cardiology, Diabetes Research, European Heart Journal, Hypertension Research, International Journal of Cardiovascular Imaging, Journal of Internal Medicine, Plos One, Giornale Italiano di Cardiologia.*

Member of Scientific Committees and invited speaker in several national and international meetings.

Honours and awards

November 2013: Winner as coauthor of the award “SISA travel grant” for the study entitled: “*Is the enlargement of brachial artery diameter a novel marker of atherosclerotic risk?*” presented by Dr. M. Amato at the 27th National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome.

September 2011: Winner as co-author of the award “SIF” for the best posters for the study entitled: “*Carotid diameter improves the carotid IMT capacity to predict coronary events: data from the IMPROVE study.*” presented by Dr. M. Amato at the 35^o National Congress of the Italian Society of Pharmacology (SIF). - Bologna

April 2011: Winner as co-author of the “Young Researcher” award for the study entitled: “*LCAT e spessore medio intinale carotideo in individui europei ad alto rischio cardiovascolare*” presented by Dr. S. Simonelli at the X Regional Congress of the Italian Society for the Study of Atherosclerosis (Section Lombardia).

November 2008: Winner as co-author of the “SISA Grant” award for the study entitled: “*The negative correlation between flow-mediated dilation (FMD) and arterial size may be ascribed to a mathematical artefact*”, presented by Dr. CC. Tedesco at the XXII National congress of the Italian Society for the Study of Atherosclerosis (SISA) (Rome).

October 2008: Winner as co-author of the “Young Researcher” award for the study entitled: “*The diagnosis of metabolic syndrome is not a determinant of carotid atherosclerosis better than the sum of the single risk factors included in the syndrome definition*”, presented by Dr. M. Amato at the VIII Regional Congress of the Italian Society for the Study of Atherosclerosis (Section Lombardia).

November 2007: Winner as co-author of the “AstraZeneca” award provided by the president of the Italian Society for the Study of Atherosclerosis for the study entitled: “*Algorithm developed by the Italian “Istituto Superiore di Sanità” (Cuore Risk Score): assessment of its capacity to predict global cardiovascular risk in dyslipidemic patients*”, presented by Dr. S. Castelnuovo at the XXI National congress of the Italian society for the study of atherosclerosis (SISA) - Perugia.

November 2007: Winner as co-author of the “SISA Grant” award provided by the president of the Italian Society for the Study of Atherosclerosis for the project: “*Effect of cigarette smoking on carotid IMT and FRS*”, presented by Dr. B. Frigerio at the XXI National congress of the Italian society for the study of Atherosclerosis (SISA) - Perugia.

December 1998: Winner of the award provided by the president of the Italian Society for the Study of Atherosclerosis for the project: “*Effects of lipid lowering drugs on the Intima-Media thickness progression and on the functional properties of the forearm arterial district : Non invasive evaluation by using B-mode ultrasound and strain-gauge plethysmography*” presented at the XII National Congress of the Italian society for the study of Atherosclerosis (SISA) - Trieste.

October 1997: Winner of the award of the Italian Society for the Study of Atherosclerosis for the

abstract *“Pravastatin reduces carotid intima-media thickness progression also in patients showing an unsatisfactory response in terms of LDL-C reduction. The CAIUS study.”* presented at the XI International Symposium on Atherosclerosis - Paris.

Memberships

Fellow of the following scientific societies:

- Italian Society of Pharmacology (SIF)
- Italian Society for the study of atherosclerosis (SISA)
- American Heart Association (AHA)
- International Atherosclerosis Society (IAS)
- European Atherosclerosis Society (EAS)
- Society of Atherosclerosis Imaging and Prevention (SAIP)

01/2005 to 04/2006: Member of the editorial board of the Italian Journal: *“Artificial adaptive systems in biomedicine”*. Editors in chief: Massimo Buscema e Enzo Grossi. (Di Renzo publisher).

2012/2014: Member of the editorial board for the Magazine of the Italian Foundation for the Heart *“News of the Heart.”* Publisher: Italian Heart Foundation. Via Ramusio 1, 20141 Milan.

2014: Editorial director of the Magazine of the Italian Foundation for the Heart *“News of the Heart.”* Publisher: Italian Heart Foundation. Via Ramusio 1, 20141 Milan.

Courses (organization)

- Member of the scientific committee of the V Monothematic Congress of the SIF (Italian Society of Farmacology). Atherothrombosis: from basic research to the clinic. Milan 3-4 November 2011.
- Organizer and teacher at the ECM event *“The global cardiovascular risk”* organized by Monzino Cardiology Center. Milan, July 8, 2009.
- Organizer and only teacher of the *“Theoretical-practical course of ultrasound for the sonographers of the CAMELIA study”*. Hospital S. Paolo - Milan, June 16-18, 2008.
- Organizer and only teacher of the *“Theoretical-practical ultrasound training course”* in english for the sonographers of the IMPROVE Study. Genoa, October 13-15, 2003.
- Organizer and only teacher of the *“Theoretical practical course of B-Mode ultrasound for the assessment of early atherosclerotic disease of carotid arteries: Techniques for the visualization of atherosclerotic plaques and intima media thicknes in research”*. Milan, July 1-31, 1998.
- Organizer and teacher within the *“Interactive Course on personal computer of statistic methodology in biomedical field”*. Milan, May 25 - June 30, 1998.

Patents

- **2018:** Patent for industrial invention entitled: *“Method of image processing and method for determining the quantitative and/or qualitative characteristics of objects reproduced in an image, system for image processing and system for determining the quantitative and/or qualitative characteristics of objects reproduced in an image”* (Application No: 102018000001656, filed on 23/1/2018).

Publications **Publications on international journals with Impact factor**

1. *Hypercholesterolemia and platelets.* E. Tremoli, S. Colli, P. Maderna, **D. Baldassarre**, G. Di Minno. *Seminars in thrombosis and Hemostasis* 1993;19(2):115-121.
2. *Glycosylation pattern of platelet glycoprotein IIb and IIIa complex in type IIa hypercholesterolemia.* E. Gianazza, **D. Baldassarre**, S. Michelagnoli, P. Coari, CR. Sirtori. *Atherosclerosis* 1994;107:221-227.
3. *Common carotid intima-media thickness measurement: a method to improve accuracy and precision.* **D. Baldassarre**, JP. Werba, E. Tremoli, A. Poli, F. Pazzucconi, CR. Sirtori. *Stroke* 1994;25:1588-1592.
4. *Non-invasive assessment of unstimulated forearm arterial compliance in human subjects. Impaired vasoreactivity in hypercholesterolemia.* **D. Baldassarre**, G. Gianfranceschi, F. Pazzucconi, CR. Sirtori. *Eur J Clin Invest* 1995;25:859-866.
5. *Plasminogen activator inhibitor type-1 synthesis and mRNA expression in HepG2 cells are regulated by VLDL.* L. Sironi, L. Mussoni, L. Prati, **D. Baldassarre**, M. Camera, C. Banfi, E. Tremoli. *Arteriosclerosis and Thrombosis Vasc Biol* 1996;16:89-96.
6. *Relation between hemostatic variables and increase of common carotid intima-media thickness in patients with peripheral arterial disease.* M. Cortellaro, **D. Baldassarre**, E. Cofrancesco, E. Tremoli, A. Colombo, C. Boschetti, R. Paoletti. *Stroke* 1996;27:450-454.
7. *Iron-ovotransferrin preparation does not interfere with ciprofloxacin absorption.* F. Pazzucconi, **D. Baldassarre**, D. Colombo, S. Barbi, CR. Sirtori. *Clin Pharm and Therap* 1996;59(4):418-422.
8. *Plasma lipoprotein(a) is an independent factor associated with carotid wall thickening in severely but not moderately hypercholesterolemic patients.* **D. Baldassarre**, E. Tremoli, G. Franceschini, S. Michelagnoli, CR. Sirtori. *Stroke* 1996;27:1044-1049.
9. *Plasminogen activator inhibitor type-1 secretion by HepG2 cells: opposite effects of two fibrin acid derivates.* L. Mussoni, C. Banfi, L. Sironi, **D. Baldassarre**, E. Tremoli. *Blood Coagulation and Fibrinolysis* 1996;7:503-505.
10. *Platelet α_2 -adrenergic receptors in hypercholesterolemia. Relationship between binding studies and epinephrine-induced platelet aggregation.* **D. Baldassarre**, N. Mores, S. Colli, F. Pazzucconi, CR. Sirtori, E. Tremoli. *Clin Pharm and Therap* 1997;61:684-691.
11. *Clinical evaluation of probucol in hypercholesterolemia: individual lipoprotein responses and inhibitory effect on carotid atherosclerosis progression.* **D. Baldassarre**, G. Franceschini, G. Peruzzotti, B. Brusoni, CR. Sirtori. *J Cardiovasc Pharmacol* 1997;30:784-789.
12. *Effect of plasma cholesterol reduction by pravastatin on the functional properties of forearm arteries in hypercholesterolemic patients.* **D. Baldassarre**, G. Busnach, M. Amato, F. Pazzucconi, CR. Sirtori. *Nutrition, Metabolism and Cardiovascular Diseases* 1999;9:108-117.
13. *Relationship between fibrinolytic and metabolic variables: a study in patients attending a lipid clinic.* L. Mussoni, **D. Baldassarre**, L. Mannucci, CR. Sirtori, E. Tremoli. *Annals of Medicine* 2000;32:134-141.
14. *Reproducibility validation study comparing analog and digital imaging technologies for the measurement of intima media thickness (IMT).* **D. Baldassarre**, E. Tremoli, M. Amato, A. Bondioli, CR. Sirtori. *Stroke* 2000;31:1104-1110.
15. *Intima-media thickness after pravastatin stabilizes also in patients with moderate to no reduction in LDL-cholesterol levels: The Carotid Atherosclerosis Italian Ultrasound Study.* **D. Baldassarre**, F. Veglia, C. Gobbi, G. Gallus, A. Ventura, CR. Sirtori. For the CAIUS Research Group. *Atherosclerosis* 2000;151:575-583.
16. *L-carnitine reduces plasma lipoprotein(a) levels in patients with hyper Lp(a).* CR. Sirtori, L. Calabresi, S. Ferrara, F. Pazzucconi, A. Bondioli, **D. Baldassarre**, A. Birreci, A. Koverech. *Nutrition, Metabolism and Cardiovascular Diseases* 2000;10:247-251.
17. *Carotid artery intima-media thickness measured by ultrasonography in normal clinical practice correlates well with atherosclerosis risk factors.* **D. Baldassarre**, M. Amato, A. Bondioli, CR. Sirtori, E. Tremoli. *Stroke* 2000;31:2426-2430.
18. *Cardiovascular status of carriers of the apolipoprotein A-I_{Milano} mutant. The Limone sul Garda Study.* CR. Sirtori, L. Calabresi, G. Franceschini, **D. Baldassarre**, M. Amato, J. Johansson, M.

- Solvetti, C. Monteduro, R. Zulli, ML. Muiesan, E. Agabiti-Rosei. *Circulation* 2001;103:1949-1954.
19. *Time course of the forearm arterial compliance changes during reactive hyperemia*. D. Baldassarre, M. Amato, C. Palombo, C. Morizzo, L. Pustina e CR. Sirtori. *American Journal Physiology (Heart Circ Physiol)* 2001;281:H1093-H1103.
 20. *Increased carotid artery intima-media thickness in subjects with primary hypoalphalipoproteinemia*. D. Baldassarre, M. Amato, L. Pustina, E. Tremoli, CR. Sirtori, L. Calabresi, G. Franceschini. *Arterioscler Thromb Vasc Biol* 2002;22:317-322.
 21. *A new non invasive method for the accurate and precise assessment of varicose vein diameters*. D. Baldassarre, L. Pustina, S. Castelnuovo, A. Bondioli, M. Carlà, CR. Sirtori. *Angiology* 2003;54:541-549.
 22. *Recognition of patients with cardiovascular disease by artificial neural networks*. D. Baldassarre, E. Grossi, M. Buscema, M. Intraligi, M. Amato, E. Tremoli, L. Pustina, S. Castelnuovo, CR. Sirtori. *Ann Med.* 2004;36:630-640.
 23. *Correlation of parents' longevity with carotid intima-media thickness in patients attending a Lipid Clinic*. D. Baldassarre, M. Amato, F. Veglia, L. Pustina, S. Castelnuovo, CR. Sirtori, and E. Tremoli. *Atherosclerosis* 2005;179:111-117.
 24. *CETP levels rather than polymorphisms as markers of coronary risk: Healthy athlete with high HDL-C and coronary disease-effectiveness of probucol*. CR. Sirtori, L. Calabresi, D. Baldassarre, G. Franceschini, AB. Cefalu, M. Averna. *Atherosclerosis*. 2006;186(1):225-7.
 25. *Effect of n-3 fatty acids on carotid atherosclerosis and hemostasis in hypertriglyceridemic patients: a double blind pilot study in primary prevention*. D. Baldassarre, M. Amato, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozàková, E. Tremoli, CR. Sirtori, S. Colli. *Ann Med.* 2006;38(5):367-75.
 26. *Carotid intima-media thickness and coronary atherosclerosis: weak or strong relations?* ML. Bots, D. Baldassarre, A. Simon, E. de Groot, DH. O'leary, W. Riley, JJ. Kastelein, DE. Grobbee. *Eur Heart J.* 2007;28(4):398-406.
 27. *Plasma cysteine and glutathione are independent markers of postmethionine load endothelial dysfunction*. O. Parodi, B. De Chiara, D. Baldassarre, M. Parolini, R. Caruso, L. Pustina, G. Parodi, J. Campolo, V. Sedda, F. Baudo, CR. Sirtori. *Clin Biochem.* 2007;40(3-4):188-93.
 28. *Tolerability of statins is not linked to CYP450 polymorphisms, but reduced CYP2D6 metabolism improves cholestaemic response to simvastatin and fluvastatin*. P. Zuccaro, G. Mombelli, L. Calabresi, D. Baldassarre, I. Palmi, CR. Sirtori. *Pharmacol Res.* 2007;55(4):310-7.
 29. *Measurement of carotid artery intima-media thickness in dyslipidemic patients increases the power of traditional risk factors to predict cardiovascular events*. D. Baldassarre, M. Amato, L. Pustina, S. Castelnuovo, S. Sanvito; L. Gerosa; F. Veglia, S. Keidar, E. Tremoli, CR. Sirtori. *Atherosclerosis*. 2007;191(2):403-8.
 30. *Carotid Intima-Media Thickness by B-Mode Ultrasound as Surrogate of Coronary Atherosclerosis: Correlation with Quantitative Coronary Angiography and Coronary Intravascular Ultrasound Findings*. M. Amato, P. Montorsi, A. Ravani, E. Oldani, S. Galli, PM. Ravagnani, E. Tremoli, D. Baldassarre. *Eur Heart J.* 2007;28(17):2094-101. **(Articolo selezionato per essere distribuito anche in India) + (editoriale)**
 31. *Normal vascular function despite low HDL-cholesterol levels in carriers of the apolipoprotein A-I_{milano} mutant*. M. Gomaschi, D. Baldassarre, M. Amato, S. Eligini, P. Conca, CR. Sirtori, G. Franceschini, L. Calabresi. *Circulation*. 2007;116(19):2165-72).
 32. *Patients with a history of stable or unstable coronary heart disease have different acute phase responses to an inflammatory stimulus*. JP. Werba, F. Veglia, M. Amato, D. Baldassarre, P. Massironi, PL. Meroni, P. Riboldi, E. Tremoli, M. Camera. *Atherosclerosis*. 2008;196(2):835-40.
 33. *Carotid intima media thickness and markers of inflammation, endothelial damage and hemostasis*. D. Baldassarre, A. De Jong, M. Amato, JP. Werba, S. Castelnuovo, B. Frigerio, E. Tremoli, CR. Sirtori. *Ann Med.* 2008;40(1):21-44.
 34. *E-selectin and TFPI are associated with carotid intima-media thickness in stable IHD patients: the baseline findings of the MIAMI study*. B. Porta, D. Baldassarre, M. Camera, M. Amato, M. Arcuati, B. Brusoni, C. Fiorentini, P. Montorsi, S. Romano, E. Tremoli, and M. Cortellaro (on

- behalf of the MIAMI Study Group). *Nutr Metab Cardiovasc Dis.* 2008;18(4):320-8. **I primi due autori hanno contribuito ugualmente allo studio.**
35. *Sildenafil improves the alveolar-capillary function in heart failure patients.* M. Bussotti, P. Montorsi, M. Amato, A. Magini, **D. Baldassarre**, F. Tantardini, F. Veglia, P. Agostoni. *Int J Cardiol.* 2008;126(1):68-72.
 36. *Effects of timing and extent of smoking, type of cigarettes and concomitant risk factors on the association between smoking and subclinical atherosclerosis.* **D. Baldassarre**, S. Castelnuovo, B. Frigerio, M. Amato, JP. Werba, A. De Jong, A. Ravani, E. Tremoli, CR. Sirtori. *Stroke.* 2009;40(6):1991-8.
 37. *Functional Lecithin: Cholesterol Acyltransferase is not required for efficient atheroprotection in humans.* L. Calabresi, **D. Baldassarre**, S. Castelnuovo, P. Conca, L. Bocchi, C. Candini, B. Frigerio, M. Amato, M. Arca, G. Boscutti, L. Cattin, L. Gesualdo, T. Sampietro, G. Vaudo, F. Veglia, S. Calandra, G. Franceschini. *Circulation.* 2009;120(7):628-35. **(Editoriale)**
 38. *Markers of inflammation, thrombosis and endothelial activation correlate with carotid IMT regression in stable coronary disease after atorvastatin treatment.* **D. Baldassarre**, B. Porta, M. Camera, M. Amato, M. Arcuati, B. Brusoni, C. Fiorentini, P. Montorsi, S. Romano, F. Veglia, E. Tremoli, e M. Cortellaro (on behalf of the MIAMI Study Group). *Nutr Metab Cardiovasc Dis.* 2009;19(7):481-90.
 39. *Tissue Factor gene promoter haplotype associates with carotid intima-media thickness in subjects in cardiovascular risk prevention.* K. Gertow, M. Amato, JP. Werba, E. Bianchi, D. Colnago, M. Brambilla, A. Ravani, F. Veglia, **D. Baldassarre**, M. Camera, E. Tremoli. *Atherosclerosis* 2009;207(1):168-73.
 40. *Cross-sectional analysis of baseline data to identify the major determinants of carotid intima-media thickness in a European population: the IMPROVE study.* **D. Baldassarre**, K. Nyssönen, R. Rauramaa, U. de Faire, A. Hamsten, AJ. Smit, E. Mannarino, S. Humphries, P. Giral, E. Grossi, F. Veglia, R. Paoletti, E. Tremoli, on behalf of the IMPROVE Study Group. *Eur Heart J.* 2010;31(5):614-22.
 41. *The metabolic syndrome predicts carotid intima-media thickness no better than the sum of individual risk factors.* **D. Baldassarre**, JP. Werba, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, F. Veglia, CR. Sirtori, E. Tremoli. *Atherosclerosis.* 2010;210(1):214-9.
 42. *Investigating air pollution and atherosclerosis in humans: concepts and outlook.* N. Künzli, L. Perez, S. von Klot, **D. Baldassarre**, M. Bauer, X. Basagana, C. Breton, J. Dratva, R. Elosua, U. de Faire, K. Fuks, E. de Groot, J. Marrugat, J. Penell, J. Seissler, A. Peters, B. Hoffmann. *Prog Cardiovasc Dis.* 2011;53(5):334-43.
 43. *Plasma lecithin:cholesterol acyltransferase (LCAT) and carotid intima-media thickness in European individuals at high cardiovascular risk.* L. Calabresi, **D. Baldassarre**, S. Simonelli, M. Gomaschi, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, J. Kauhanen, R. Rauramaa, U. de Faire, A. Hamsten, AJ. Smit, E. Mannarino, S. Humphries, P. Giral, F. Veglia, CR. Sirtori, G. Franceschini and E. Tremoli. *Journal of Lipid Research.* 2011;52(8):1569-74.
 44. *The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis.* *Interleukin-6 Receptor Mendelian Randomisation Analysis (IL6R MR) Consortium, A.D. Hingorani, J.P.Casas. Collaborators* DI. Swerdlow, MV. Holmes, KB. Kuchenbaecker, JE. Engmann, T. Shah, R. Sofat, Y. Guo, C. Chung, A. Peasey, R. Pfister, SP. Mooijaart, HA. Ireland, M. Leusink, C. Langenberg, K. Li, J. Palmén, P. Howard, JA. Cooper, F. Drenos, J. Hardy, MA. Nalls, YR. Li, G. Lowe, M. Stewart, SJ. Bielinski, J. Peto, NJ. Timpson, J. Gallacher, M. Dunlop, R. Houlston, I. Tomlinson, I. Tzoulaki, J. Luan, JM. Boer, NG. Forouhi, NC. Onland-Moret, YT. van der Schouw, RB. Schnabel, JA. Hubacek, R. Kubinova, M. Baceviciene, A. Tamosiunas, A. Pajak, R. Topor-Madry, S. Malyutina, **D. Baldassarre**, B. Sennblad, E. Tremoli, U. de Faire, L. Ferrucci, S. Bandenelli, T. Tanaka, JF. Meschia, A. Singleton, G. Navis, I. Mateo Leach, SJ. Bakker, RT. Gansevoort, I. Ford, SE. Epstein, MS. Burnett, JM. Devaney, JW. Jukema, RG. Westendorp, GJ. de Borst, Y. van der Graaf, PA. de Jong, AH. Maitland-van der Zee, OH. Klungel, A. de Boer, PA. Doevendans, JW. Stephens, CB. Eaton, JG. Robinson, JE. Manson, FG. Fowkes, TM. Frayling, JF. Price, PH. Whincup, RW. Morris, DA. Lawlor, GD. Smith, Y. Ben-Shlomo, S. Redline, LA. Lange, M. Kumari, NJ. Wareham, WM. Verschuren, EJ. Benjamin, JC. Whittaker, A. Hamsten, F. Dudbridge, JA. Delaney, A. Wong, D. Kuh, R. Hardy, BA. Castillo, JJ. Connolly, P. van der Harst, EJ. Brunner, MG. Marmot, CL. Wassel, SE. Humphries, PJ. Talmud, M. Kivimaki, FW. Asselbergs, M. Voevoda, M. Bobak, H. Pikhart, JG. Wilson, H. Hakonarson, AP. Reiner, BJ. Keating, N. Sattar. *Lancet.*

2012;379(9822):1214-24.

45. *Apolipoprotein(a) Genetic Sequence Variants Associated With Systemic Atherosclerosis and Coronary Atherosclerotic Burden But Not With Venous Thromboembolism.* A. Helgadottir, S. Gretarsdottir, G. Thorleifsson, H. Holm, RS. Patel, T. Gudnason, GT. Jones, AM. van Rij, DJ. Eapen, AF. Baas, DA. Tregouet, PE. Morange, J. Emmerich, B. Lindblad, A. Gottsäter, LA. Kiemeny, JS. Lindholt, N. Sakalihasan, RE. Ferrell, DJ. Carey, JR. Elmore, PS. Tsao, N. Grarup, T. Jørgensen, DR. Witte, T. Hansen, O. Pedersen, R. Pola, E. Gaetani, HB. Magnadottir, C. Wijmenga, G. Tromp, A. Ronkainen, YM. Ruigrok, JD. Blankensteijn, T. Mueller, PS. Wells, J. Corral, JM. Soria, JC. Souto, JF. Peden, S. Jalilzadeh, BM. Mayosi, B. Keavney, RJ. Strawbridge, M. Sabater-Lleal, K. Gertow, **D. Baldassarre**, K. Nyyssönen, R. Rauramaa, AJ. Smit, E. Mannarino, P. Giral, E. Tremoli, U. de Faire, SE. Humphries, A. Hamsten, V. Haraldsdottir, I. Olafsson, MK. Magnusson, NJ. Samani, AI. Levey, HS. Markus, K. Kostulas, M. Dichgans, K. Berger, G. Kuhlenbäumer, EB. Ringelstein, M. Stoll, U. Seedorf, PM. Rothwell, JT. Powell, H. Kuivaniemi, PT. Onundarson, E. Valdimarsson, SE. Matthiasson, DF. Gudbjartsson, G. Thorgeirsson, AA. Quyyumi, H. Watkins, M. Farrall, U. Thorsteinsdottir, K. Stefansson. *J Am Coll Cardiol.* 2012;60(8):722-9.
46. *Rate of change in carotid intima-media thickness and vascular events: meta analyses can not solve all the issues. A point of view.* ML. Bots, AJ. Taylor, JJP. Kastelein, SAE. Peters, HM. den Ruijter, CH. Tegeler, **D. Baldassarre**, JH. Stein, DH. O'Leary, JH. Revkin, DE. Grobbee. *Journal of Hypertension* 2012;30(9):1690-1696.
47. *Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes.* The DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium, AP. Morris, BF. Voight, TM. Teslovich, T. Ferreira, AV. Segre, V. Steinthorsdottir, RJ. Strawbridge, H. Khan, H. Grallert, A. Mahajan, I. Prokopenko, HM. Kang, C. Dina, T. Esko, RM. Fraser, S. Kanoni, A. Kumar, V. Lagou, C. Langenberg, J. Luan, CM. Lindgren, M. Müller-Nurasyid, S. Pechlivanis, NW. Rayner, LJ. Scott, S. Wiltshire, L. Yengo, L. Kinnunen, EJ. Rossin, S. Raychaudhuri, AD. Johnson, AS. Dimas, RJ. Loos, S. Vedantam, H. Chen, JC. Florez, C. Fox, CT. Liu, D. Rybin, DJ. Couper, WH. Kao, M. Li, MC. Cornelis, P. Kraft, Q. Sun, RM. van Dam, HM. Stringham, PS. Chines, K. Fischer, P. Fontanillas, OL. Holmen, SE. Hunt, AU. Jackson, A. Kong, R. Lawrence, J. Meyer, JR. Perry, CG. Platou, S. Potter, E. Rehnberg, N. Robertson, S. Sivapalaratnam, A. Stančáková, K. Stirrups, G. Thorleifsson, E. Tikkanen, AR. Wood, P. Almgren, M. Atalay, R. Benediktsson, LL. Bonnycastle, N. Burt, J. Carey, G. Charpentier, AT. Crenshaw, AS. Doney, M. Dorkhan, S. Edkins, V. Emilsson, E. Eury, T. Forsen, K. Gertow, B. Gigante, GB. Grant, CJ. Groves, C. Guiducci, C. Herder, AB. Hreidarsson, J. Hui, A. James, A. Jonsson, W. Rathmann, N. Klopp, J. Kravic, K. Krjutškov, C. Langford, K. Leander, E. Lindholm, S. Lobbens, S. Männistö, G. Mirza, TW. Mühleisen, B. Musk, M. Parkin, L. Rallidis, J. Saramies, B. Sennblad, S. Shah, G. Sigurðsson, A. Silveira, G. Steinbach, B. Thorand, J. Trakalo, F. Veglia, R. Wennauer, W. Winckler, D. Zabaneh, H. Campbell, C. van Duijn, AG. Uitterlinden, A. Hofman, E. Sijbrands, GR. Abecasis, KR. Owen, E. Zeggini, MD. Trip, NG. Forouhi, AC. Syvänen, JG. Eriksson, L. Peltonen, MM. Nöthen, B. Balkau, CN. Palmer, V. Lyssenko, T. Tuomi, B. Isomaa, DJ. Hunter, Qi L; Wellcome Trust Case Control Consortium; Meta-Analyses of Glucose and Insulin-related traits Consortium (MAGIC) Investigators; Genetic Investigation of ANthropometric Traits (GIANT) Consortium; Asian Genetic Epidemiology Network-Type 2 Diabetes (AGEN-T2D) Consortium; South Asian Type 2 Diabetes (SAT2D) Consortium, AR. Shuldiner, M. Roden, I. Barroso, T. Wilsgaard, J. Beilby, K. Hovingh, JF. Price, JF. Wilson, R. Rauramaa, TA. Lakka, L. Lind, G. Dedoussis, I. Njølstad, NL. Pedersen, KT. Khaw, NJ. Wareham, SM. Keinanen-Kiukkaanniemi, TE. Saaristo, E. Korpi-Hyövälti, J. Saltevo, M. Laakso, J. Kuusisto, A. Metspalu, FS. Collins, KL. Mohlke, RN. Bergman, J. Tuomilehto, BO. Boehm, C. Gieger, K. Hveem, S. Cauchi, P. Froguel, **D. Baldassarre**, E. Tremoli, SE. Humphries, D. Saleheen, J. Danesh, E. Ingelsson, S. Ripatti, V. Salomaa, R. Erbel, KH. Jöckel, S. Moebus, A. Peters, T. Illig, U. de Faire, A. Hamsten, AD. Morris, PJ. Donnelly, TM. Frayling, AT. Hattersley, E. Boerwinkle, O. Melander, S. Kathiresan, PM. Nilsson, P. Deloukas, U. Thorsteinsdottir, LC. Groop, K. Stefansson, F. Hu, JS. Pankow, J. Dupuis, JB. Meigs, D. Altshuler, M. Boehnke, MI. McCarthy. *Nat Genet.* 2012;44(9):981-90.
48. *Measurements of Carotid Intima-Media Thickness and of Interadventitia Common Carotid Diameter Improve Prediction of Cardiovascular Events Results of the IMPROVE (Carotid Intima Media Thickness [IMT] and IMT-Progression as Predictors of Vascular Events in a High Risk European Population) Study.* **D. Baldassarre**, A. Hamsten, F. Veglia, U. de Faire, S.E. Humphries, A.J. Smit, P. Giral, S. Kurl, R. Rauramaa, E. Mannarino, E. Grossi, R. Paoletti, and E. Tremoli, on behalf of the IMPROVE study group. *J Am Coll Cardiol.* 2012;60(16):1489-99.
49. *LDL oxidative modification and carotid atherosclerosis: results of a multicenter study.* K. Nyyssönen, S. Kurl, J. Karppi, T. Nurmi, **D. Baldassarre**, F.Veglia, R. Rauramaa, U. de Faire, A.

- Hamsten, AJ. Smit, E. Mannarino, S. Humphries, P. Giral, E. Grossi, E. Tremoli, on behalf of the IMPROVE Study Group. *Atherosclerosis*. 2012; 225: 231-6.
50. *Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk*. K. Gertow, B. Sennblad, R.J. Strawbridge, J. Öhrvik, D. Zabaneh, S. Shah, F. Veglia, C. Fava B. Gigante, K. Leander, M. Vikström, Gl. Colombo, JF. Price, O. Melander, **D. Baldassarre**, E. Tremoli, U. de Faire, SE. Humphries, A. Hamsten. *Circ Cardiovasc Genet*. 2012;5(6):656-65.
 51. *Statin pharmacogenomics: pursuing biomarkers for predicting clinical outcomes*. J.P. Kitzmiller, P.F. Binkley, S.R. Pandey, A.M. Suhy, **D. Baldassarre**, K. Hartmann. *Discov Med*. 2013;16(86):45-51.
 52. *Causal relevance of blood lipid fractions in the development of carotid atherosclerosis: Mendelian randomisation analysis*. S. Shah, JP. Casas, F. Drenos, J. Whittaker, J. Deanfield, DI. Swerdlow, MV. Holmes, M. Kivimaki, C. Langenberg, N. Wareham, K. Gertow, B. Sennblad, R.J. Strawbridge, **D. Baldassarre**, F. Veglia, E. Tremoli, B. Gigante, U. de Faire, M. Kumari, PJ. Talmud, A. Hamsten, SE. Humphries, AD. Hingorani. *Circ Cardiovasc Genet*. 2013;6(1):63-72.
 53. *A gene-centric study of common carotid artery remodelling*. SC. Harrison, D. Zabaneh, FW. Asselbergs, F. Drenos, GT. Jones, S. Shah, K. Gertow, B. Sennblad, R.J. Strawbridge, B. Gigante, S. Holewijn, J. De Graaf, S. Vermeulen, L. Folkersen, AM. van Rij, **D. Baldassarre**, F. Veglia, PJ. Talmud, JE. Deanfield, O. Agu, M. Kivimaki, M. Kumari, MJ. Bown, K. Nyssönen, R. Rauramaa, AJ. Smit, A. Franco-Cereceda, P. Giral, E. Mannarino, A. Silveira, AC. Syvänen, GJ. de Borst, Y. van der Graaf, U. de Faire, AF. Baas, JD. Blankensteijn, NJ. Wareham, G. Fowkes, I. Tzoulaki, JF. Price, E. Tremoli, AD. Hingorani, P. Eriksson, A. Hamsten, SE. Humphries. *Atherosclerosis*. 2013;226(2):440-6.
 54. *Effects of smoking regular or light cigarettes on brachial artery flow mediated dilation*. M. Amato, B. Frigerio, S. Castelnuovo, A. Ravani, D. Sansaro, E. Tremoli, I. Squellerio, V. Cavalca, F. Veglia, C.R. Sirtori, J.P. Werba, and **D. Baldassarre**. *Atherosclerosis*. 2013;228, 153-160.
 55. *Progression of Carotid Intima-Media Thickness as Predictor of Vascular Events. Results from the IMPROVE study*. **D. Baldassarre**, F. Veglia, A. Hamsten, S.E. Humphries, R. Rauramaa, U. de Faire, A.J. Smit, P. Giral, S. Kurl, E. Mannarino, E. Grossi, and E. Tremoli, on behalf of the IMPROVE study group. *Arterioscler Thromb Vasc Biol*. 2013;33(9):2273-2279.
 56. *Serum 25-Hydroxyvitamin D Concentration in Subclinical Carotid Atherosclerosis*. A. Deleskog, O. Pikasova, A. Silveira, K. Gertow, **D. Baldassarre**, F. Veglia, B. Sennblad, R.J. Strawbridge, M. Larsson, K. Leander, B. Gigante, J. Kauhanen, R. Rauramaa, AJ. Smit, E. Mannarino, P. Giral, S. Gustafsson, CG. Ostenson, SE. Humphries, E. Tremoli, U. de Faire, J. Öhrvik, A. Hamsten. *Arterioscler Thromb Vasc Biol*. 2013;33(11):2633-8.
 57. *Secretory Phospholipase A2-IIA and Cardiovascular Disease: a Mendelian randomization study*. MV. Holmes, T. Simon, H.J. Exeter, L. Folkersen, F.W. Asselbergs, M. Guardiola, J.A. Cooper, J. Palmén, J.A. Hubacek, K.F. Carruthers, B.D. Home, K.D. Brunisholz, J.L. Mega, E.P.A. van Iperen, M. Li, M. Leusink, S. Trompet, J.J.W. Verschuren, G. Kees Hovingh, A. Dehghan, C.P. Nelson, S. Kotti, N. Danchin, M. Scholz, C.L. Haase, D. Rothenbacher, D.I. Swerdlow, K.B. Kuchenbaecker, E. Staines-Urias, A. Goel, F. van 't Hooft, K. Gertow, U. de Faire, A.G. Panayiotou, E. Tremoli, **D. Baldassarre**, F. Veglia, L.M. Holdt, F. Beutner, R.T. Gansevoort, G.J. Navis, I.M. Leach, L.P. Breitling, H. Brenner, D. Dallmeier, A. Franco-Cereceda, J. MA Boer, J.W. Stephens, M.H. Hofker, A. Tedgui, A. Hofman, A.G. Uitterlinden, V. Adamkova, J. Pitha, N.C. Onland-Moret, M.J. Cramer, H.M. Nathoe, W. Spiering, O.H. Klungel, M. Kumari, P.H. Whincup, D.A. Morrow, P.S. Braund, A.S. Hall, A.G. Olsson, P.A. Doevendans, M.D. Trip, M.D. Tobin, A. Hamsten, H. Watkins, W. Koenig, A.N. Nicolaides, D. Teupser, I.N. M. Day, J.F. Carlquist, T.R. Gaunt, I. Ford, N. Sattar, S. Tsimikas, G.G. Schwartz, T.M. Palmer, D.A. Lawlor, R.W. Morris, M.S. Sandhu, R. Poledne, A.H. Maitland-van der Zee, K. Khaw, B.J. Keating, P. van der Harst, J.F. Price, S. Mehta, S. Yusuf, J.C. M. Wittman, O.H. Franco, J. Wouter Jukema, P. de Knijff, A. Tybjaerg-Hansen, D.J. Rader, M. Farrall, N.J. Samani, M. Kivimaki, K.A. A. Fox, S.E. Humphries, J.L. Anderson, S. Matthijs Boekholdt, P. Eriksson, G. Paré, A.D. Hingorani, M.S. Sabatine, Z. Mallat, J.P. Casas, P.J. Talmud. *J Am Coll Cardiol*. 2013;62(21):1966-76.
 58. *CYP3A4*22 and CYP3A5*3 are associated with increased levels of plasma simvastatin concentrations in the Cholesterol and Pharmacogenetics study cohort*. JP. Kitzmiller, JA. Talameh, **D. Baldassarre**, RM. Krauss, and MLW. Medina. *Pharmacogenet Genomics*. 2014;24(10):486-91.
 59. *Potentially spurious correlations between arterial size, flow-mediated dilation and shear rate*. F. Veglia, M. Amato, M. Giovannardi, A. Ravani, CC. Tedesco, B. Frigerio, D. Sansaro, E.

- Tremoli and D. Baldassarre. Hypertension. 2014;64(6):1328-33.
60. *Human genetic evidence for involvement of CD137 in atherosclerosis*. L.Å. Söderström, K. Gertow, L. Folkersen, M. Sabater-Lleal, E. Sundman, Y. Sheikine, A. Goel, D. Baldassarre, SE. Humphries, U. de Faire, H. Watkins, E. Tremoli, F. Veglia, A. Hamsten, GK. Hansson, PS. Olofsson. *Mol Med*. 2014;20:456-65 4
61. *A serum 25-hydroxyvitamin D concentration-associated genetic variant in DHCR7 interacts with type 2 diabetes status to influence subclinical atherosclerosis (measured by carotid intima-media thickness)*. RJ. Strawbridge, A. Deleskog, O. McLeod, L. Folkersen, M. Kavousi, K. Gertow, D. Baldassarre, F. Veglia, K. Leander, B. Gigante, J. Kauhanen, R. Rauramaa, AJ. Smit, E. Mannarino, P. Giral, A. Dehghan, A. Hofman, OH. Franco, SE. Humphries, E. Tremoli, U. de Faire, S. Gustafsson, CG. Ostensson, P. Eriksson, J. Ohrvik, A. Hamsten. *Diabetologia*. 2014;57(6):1159-72
62. *Plasma autoantibodies against apolipoprotein B-100 peptide 210 in subclinical atherosclerosis*. O. McLeod, A. Silveira, G.N. Fredrikson, K. Gertow, D. Baldassarre, F. Veglia, B. Sennblad, R. J. Strawbridge, M. Larsson, K. Leander, B. Gigante, J. Kauhanen, R. Rauramaa, A. J. Smit, E. Mannarino, P. Giral, S.E. Humphries, E. Tremoli, U. de Faire, J. Öhrvik, J. Nilsson, A. Hamsten. *Atherosclerosis*. 2014;232(1):242-8.
63. *Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium*. A. Mahajan, MJ. Go, W. Zhang, JE. Below, KJ. Gaulton, T. Ferreira, M. Horikoshi, AD. Johnson, MC. Ng, I. Prokopenko, D. Saleheen, X. Wang, E. Zeggini, GR. Abecasis, LS. Adair, P. Almgren, M. Atalay, T. Aung, D. Baldassarre, B. Balkau, Y. Bao, AH. Barnett, I. Barroso, A. Basit, LF. Been, J. Beilby, GI. Bell, R. Benediktsson, RN. Bergman, BO. Boehm, E. Boerwinkle, LL. Bonnycastle, N. Burtt, Q. Cai, H. Campbell, J. Carey, S. Cauchi, M. Caulfield, JC. Chan, LC. Chang, TJ. Chang, YC. Chang, G. Charpentier, CH. Chen, H. Chen, YT. Chen, KS. Chia, M. Chidambaram, PS. Chines, NH. Cho, YM. Cho, LM. Chuang, FS. Collins, MC. Cornelis, DJ. Couper, AT. Crenshaw, RM. van Dam, J. Danesh, D. Das, U. de Faire, G. Dedoussis, P. Deloukas, AS. Dimas, C. Dina, AS. Doney, PJ. Donnelly, M. Dorkhan, C. van Duijn, J. Dupuis, S. Edkins, P. Elliott, V. Emilsson, R. Erbel, JG. Eriksson, J. Escobedo, T. Esko, E. Eury, JC. Florez, P. Fontanillas, NG. Forouhi, T. Forsen, C. Fox, RM. Fraser, TM. Frayling, P. Froguel, P. Frossard, Y. Gao, K. Gertow, C. Gieger, B. Gigante, H. Grallert, GB. Grant, LC. Groop, CJ. Groves, E. Grundberg, C. Guiducci, A. Hamsten, BG. Han, K. Hara, N. Hassanali, AT. Hattersley, C. Hayward, AK. Hedman, C. Herder, A. Hofman, OL. Holmen, K. Hovingh, AB. Hreidarsson, C. Hu, FB. Hu, J. Hui, SE. Humphries, SE. Hunt, DJ. Hunter, K. Hveem, ZI. Hydrie, H. Ikegami, T. Illig, E. Ingelsson, M. Islam, B. Isomaa, AU. Jackson, T. Jafar, A. James, W. Jia, KH. Jöckel, A. Jonsson, JB. Jowett, T. Kadowaki, HM. Kang, S. Kanoni, WH. Kao, S. Kathiresan, N. Kato, P. Katulanda, SM. Keinanen-Kiukaanniemi, AM. Kelly, H. Khan, KT. Khaw, CC. Khor, HL. Kim, S. Kim, YJ. Kim, L. Kinnunen, N. Klopp, A. Kong, E. Korpi-Hyövälti, S. Kowlessur, P. Kraft, J. Kravic, MM. Kristensen, S. Krihika, A. Kumar, J. Kumate, J. Kuusisto, SH. Kwak, M. Laakso, V. Lagou, TA. Lakka, C. Langenberg, C. Langford, R. Lawrence, K. Leander, JM. Lee, NR. Lee, M. Li, X. Li, Y. Li, J. Liang, S. Liju, WY. Lim, L. Lind, CM. Lindgren, E. Lindholm, CT. Liu, JJ. Liu, S. Lobbens, J. Long, RJ. Loos, W. Lu, J. Luan, V. Lyssenko, RC. Ma, S. Maeda, R. Mägi, S. Männistö, DR. Matthews, JB. Meigs, O. Melander, A. Metspalu, J. Meyer, G. Mirza, E. Mihailov, S. Moebus, V. Mohan, KL. Mohlke, AD. Morris, TW. Mühleisen, M. Müller-Nurasyid, B. Musk, J. Nakamura, E. Nakashima, P. Navarro, PK. Ng, AC. Nica, PM. Nilsson, I. Njølstad, MM. Nöthen, K. Ohnaka, TH. Ong, KR. Owen, CN. Palmer, JS. Pankow, KS. Park, M. Parkin, S. Pechlivanis, NL. Pedersen, L. Peltonen, JR. Perry, A. Peters, JM. Pinidiyapathirage, CG. Platou, S. Potter, JF. Price, L. Qi, V. Radha, L. Rallidis, A. Rasheed, W. Rathmann, R. Rauramaa, S. Raychaudhuri, NW. Rayner, SD. Rees, E. Rehnberg, S. Ripatti, N. Robertson, M. Roden, EJ. Rossin, I. Rudan, D. Rybin, TE. Saaristo, V. Salomaa, J. Saltevo, M. Samuel, DK. Sanghera, J. Saramies, J. Scott, LJ. Scott, RA. Scott, AV. Segrè, J. Sehmi, B. Sennblad, N. Shah, S. Shah, AS. Shera, XO. Shu, AR. Shuldiner, G. Sigurðsson, E. Sijbrands, A. Silveira, X. Sim, S. Sivapalaratnam, KS. Small, WY. So, A. Stančáková, K. Stefansson, G. Steinbach, V. Steinthorsdottir, K. Stirrups, RJ. Strawbridge, HM. Stringham, Q. Sun, C. Suo, AC. Syvänen, R. Takayanagi, F. Takeuchi, WT. Tay, TM. Teslovich, B. Thorand, G. Thorleifsson, U. Thorsteinsdottir, E. Tikkanen, J. Trakalo, E. Tremoli, MD. Trip, FJ. Tsai, T. Tuomi, J. Tuomilehto, AG. Uitterlinden, A. Valladares-Salgado, S. Vedantam, F. Veglia, BF. Voight, C. Wang, NJ. Wareham, R. Wennauer, AR. Wickremasinghe, T. Wilsgaard, JF. Wilson, S. Wiltshire, W. Winckler, TY. Wong, AR. Wood, JY. Wu, Y. Wu, K. Yamamoto, T. Yamauchi, M. Yang, L. Yengo, M. Yokota, R. Young, D. Zabaneh, F. Zhang, R. Zhang, W. Zheng, PZ. Zimmet, D. Altshuler, DW. Bowden, YS. Cho, NJ. Cox, M. Cruz, CL. Hanis, J. Kooner, JY. Lee, M. Seielstad, YY. Teo, M. Boehnke, EJ. Parra, JC. Chambers, ES. Tai, MI. McCarthy, AP. Morris. *Nat Genet*.

- 2014;46(3):234-44.
64. *Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease.* M. Sabater-Lleal, A. Mälärstig, L. Folkersen, M. Soler Artigas, **D. Baldassarre**, M. Kavousi, P. Almgren, F. Veglia, B. Stricker, A. Hofman, G. Engström, OH. Franco, O. Melander, G. Paulsson-Berne, P. Eriksson, SE. Humphries, E. Tremoli, U. de Faire, MD. Tobin, A. Hamsten. *PLoS One*. 2014;5;9(8):e104082.
 65. *Low levels of IgM antibodies against phosphorylcholine are associated with fast carotid intima media thickness progression and cardiovascular risk in men.* B. Gigante, K. Leander, M. Vikström, **D. Baldassarre**, F. Veglia, RJ. Strawbridge, O. McLeod, K. Gertow, B. Sennblad, S. Shah, D. Zabaneh, SE. Humphries, J. Kauhanen, R. Rauramaa, AJ. Smit, E. Mannarino, P. Giral, E. Tremoli, A. Hamsten, J. Frostegård, U. de Faire on behalf of the IMPROVE Study Group. *Atherosclerosis*. 2014;236(2):394-9.
 66. *Assessment and Relevance of Carotid Intima-Media Thickness (C-IMT) in Primary and Secondary Cardiovascular Prevention.* A. Ravani, JP Werba, B. Frigerio, D. Sansaro, M. Amato, E. Tremoli and **D. Baldassarre**. *Curr Pharm Des*. 2015;21(9):1164-71.
 67. *Production of prostaglandin E2 induced by cigarette smoke modulates tissue factor expression and activity in endothelial cells.* P. Amadio, **D. Baldassarre**, E. Tarantino, E. Zacchi, S. Gianellini, I. Squellerio, M. Amato, BB. Weksler, E. Tremoli, SS. Barbieri. *FASEB J*. 2015;29(9):4001-10.
 68. *Air Pollution and Atherosclerosis: A Cross-Sectional Analysis of Four European Cohort Studies in the ESCAPE Study.* L. Perez, K. Wolf, F. Hennig, J. Penell, X. Basagaña, I. Aguilera, D. Agis, R. Beelen, B. Brunekreef, J. Cyrus, K.B. Fuks, M. Adam, **D. Baldassarre**, M. Cirach, R. Elosua, J. Dratva, R. Hampel, W. Koenig, J. Marrugat, U. de Faire, G. Pershagen, N.M. Probst-Hensch, A. de Nazelle, M.J. Nieuwenhuijsen, W. Rathmann, M. Rivera, J. Seissler, C. Schindler, J. Thiery, B. Hoffmann, A. Peters, N. Künzli. *Environmental Health Perspectives*. 2015;123(6):597-605.
 69. *HMG-CoA reductase inhibition, type 2 diabetes and body weight: evidence from genetic analysis and randomised trials.* DI. Swerdlow, D. Preiss, KB. Kuchenbaecker, MV. Holmes, JEL. Engmann, T. Shah, R. Sofat, S. Stender, PCD. Johnson, RA. Scott, M. Leusink, N. Verweij, SJ. Sharp, Y. Guo, C. Giambartolomei, C. Chung, A. Peasey, A. Amuzu, K. Li, J. Palmen, P. Howard, JA. Cooper, F. Drenos, YR. Li, G. Lowe, J. Gallacher, MCW. Stewart, I. Tzoulaki, SG. Buxbaum, DL. van der A, NG. Forouhi, N. Onland-Moret, YT. van der Schouw, RB. Schnabel, JA. Hubacek, R. Kubinova, M. Baceviciene, A. Tamosiunas, A. Pajak, R. Topor-Madry, U. Stepaniak, S. Malyutina, **D. Baldassarre**, B. Sennblad, E. Tremoli, U. de Faire, F. Veglia, I. Ford, J. Jukema, RGJ. Westendorp, G. de Borst, PA. de Jong, A. Algra, W. Spiering, AH. Maitland-van der Zee, OH. Klungel, A. de Boer, PA. Doevendans, CB. Eaton, JG. Robinson, D. Duggan, D. Consortium, M. Consortium, I. Consortium, J. Kjekshus, JR. Downs, AM. Gotto, AC. Keech, R. Marchioli, G. Tognoni, PS. Sever, NR. Poulter, DD. Waters, TR. Pedersen, P. Amarenco, H. Nakamura, JJV. McMurray, JD. Lewsey, DI. Chasman, PM. Ridker, AP. Maggioni, L. Tavazzi, KK. Ray, S. Kondapally Seshasai, JE. Manson, JF. Price, PH. Whincup, RW. Morris, DA. Lawlor, G. Davey Smith, Y. Ben-Shlomo, PJ. Schreiner, M. Fornage, DS. Siskovick, M. Cushman, M. Kumari, NJ. Wareham, W. Verschuren, S. Redline, SR. Patel, JC. Whittaker, A. Hamsten, JA. Delaney, C. Dale, TR. Gaunt, A. Wong, D. Kuh, R. Hardy, S. Kathiresan, BA. Castillo, P. van der Harst, EJ. Brunner, A. Tybjaerg-Hansen, MG. Marmot, RM. Krauss, M. Tsai, J. Coresh, RC. Hoogeveen, BM. Psaty, LA. Lange, H. Hakonarson, F. Dudbridge, SE. Humphries, PJ. Talmud, M. Kivimaki, NJ. Timpson, C. Langenberg, FW. Asselbergs, M. Voevoda, M. Bobak, H. Pikhart, JG. Wilson, AP. Reiner, BJ. Keating, AD. Hingorani, N. Sattar. *Lancet*. 2015;385(9965):351-61.
 70. *The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study.* TW. Winkler, AE. Justice, M. Graff, L. Barata, MF. Feitosa, S. Chu, J. Czajkowski, T. Esko, T. Fall, TO. Kilpeläinen, Y. Lu, R. Mägi, E. Mihailov, TH. Pers, S. Rieger, A. Teumer, GB. Ehret, T. Ferreira, NL. Heard-Costa, J. Karjalainen, V. Lagou, A. Mahajan, MD. Neinast, I. Prokopenko, J. Simino, TM. Teslovich, R. Jansen, HJ. Westra, CC. White, D. Absher, TS. Ahluwalia, S. Ahmad, E. Albrecht, AC. Alves, JL. Bragg-Gresham, AJ. de Craen, JC. Bis, A. Bonnefond, G. Boucher, G. Cadby, YC. Cheng, CW. Chiang, G. Delgado, A. Demirkan, N. Dueker, N. Eklund, G. Eiriksdottir, J. Eriksson, B. Feenstra, K. Fischer, F. Frau, TE. Galesloot, F. Geller, A. Goel, M. Gorski, TB. Grammer, S. Gustafsson, S. Haitjema, JJ. Hottenga, JE. Huffman, AU. Jackson, KB. Jacobs, Å. Johansson, M. Kaakinen, ME. Kleber, J. Lahti, I. Mateo Leach, B. Lehne, Y. Liu, KS. Lo, M. Lorentzon, J. Luan, PA. Madden, M. Mangino, B. McKnight, C. Medina-Gomez, KL. Monda, ME. Montasser, G. Müller, M. Müller-Nurasyid, IM. Nolte, K. Panoutsopoulou, L. Pascoe, L. Paternoster, NW. Rayner, F. Renström, F. Rizzi, LM. Rose, KA. Ryan, P. Salo, S. Sanna, H. Scharnagl, J. Shi, AV. Smith, L. Southam, A.

Stančáková, V. Steinhorsdottir, R.J. Strawbridge, Y.J. Sung, I. Tachmazidou, T. Tanaka, G. Thorleifsson, S. Trompet, N. Pervjakova, J.P. Tyrer, L. Vandenput, S.W. van der Laan, N. van der Velde, J. van Setten, J.V. van Vliet-Ostaptchouk, N. Verweij, E. Vlachopoulou, L.L. Waite, S.R. Wang, Z. Wang, S.H. Wild, C. Willenborg, J.F. Wilson, A. Wong, J. Yang, L. Yengo, L.M. Yerges-Armstrong, L. Yu, W. Zhang, J.H. Zhao, E.A. Andersson, S.J. Bakker, D. Baldassarre, K. Banasik, M. Barcella, C. Barlassina, C. Bellis, P. Benaglio, J. Blangero, M. Blüher, F. Bonnet, L.L. Bonnycastle, H.A. Boyd, M. Bruinenberg, A.S. Buchman, H. Campbell, Y.I. Chen, P.S. Chines, S. Claudi-Boehm, J. Cole, F.S. Collins, E.J. de Geus, L.C. de Groot, M. Dimitriou, J. Duan, S. Enroth, E. Eury, A.E. Farmaki, N.G. Forouhi, N. Friedrich, P.V. Gejman, B. Gigante, N. Glorioso, A.S. Go, O. Gottesman, J. Gräßler, H. Grallert, N. Grarup, Y.M. Gu, L. Broer, A.C. Ham, T. Hansen, T.B. Harris, C.A. Hartman, M. Hassinen, N. Hastie, A.T. Hattersley, A.C. Heath, A.K. Henders, D. Hernandez, H. Hillege, O. Holmen, K.G. Hovingh, J. Hui, L.L. Husemoen, N. Hutri-Kähönen, P.G. Hysi, T. Illig, P.L. De Jager, S. Jalilzadeh, T. Jørgensen, J.W. Jukema, M. Juonala, S. Kanoni, M. Karaleftheri, K.T. Khaw, L. Kinnunen, S.J. Kittner, W. Koenig, I. Kolcic, P. Kovacs, N.T. Krarup, W. Kratzer, J. Krüger, D. Kuh, M. Kumari, T. Kyriakou, C. Langenberg, L. Lannfelt, C. Lanzani, V. Lotay, L.J. Launer, K. Leander, J. Lindström, A. Linneberg, Y.P. Liu, S. Lobbens, R. Luben, V. Lyssenko, S. Männistö, P.K. Magnusson, W.L. McArdle, C. Menni, S. Merger, L. Milani, G.W. Montgomery, A.P. Morris, N. Narisu, M. Nelis, K.K. Ong, A. Palotie, L. Pérusse, I. Pichler, M.G. Pilia, A. Pouta, M. Rheinberger, R. Ribel-Madsen, M. Richards, K.M. Rice, T.K. Rice, C. Rivolta, V. Salomaa, A.R. Sanders, M.A. Sarzynski, S. Scholtens, R.A. Scott, W.R. Scott, S. Sebert, S. Sengupta, B. Sennblad, T. Seufferlein, A. Silveira, P.E. Slagboom, J.H. Smit, T.H. Sparsø, K. Stirrups, R.P. Stolk, H.M. Stringham, M.A. Swertz, A.J. Swift, A.C. Syvänen, S.T. Tan, B. Thorand, A. Tönjes, A. Tremblay, E. Tsafantakis, P.J. van der Most, U. Völker, M.C. Vohl, J.M. Vonk, M. Waldenberger, R.W. Walker, R. Wennauer, E. Widén, G. Willemsen, T. Wilsgaard, A.F. Wright, M.C. Zillikens, S.C. van Dijk, N.M. van Schoor, F.W. Asselbergs, P.I. de Bakker, J.S. Beckmann, J. Beilby, D.A. Bennett, R.N. Bergman, S. Bergmann, C.A. Böger, B.O. Boehm, E. Boerwinkle, D.I. Boomsma, S.R. Bornstein, E.P. Bottinger, C. Bouchard, J.C. Chambers, S.J. Chanock, D.I. Chasman, F. Cucca, D. Cusi, G. Dedoussis, J. Erdmann, J.G. Eriksson, D.A. Evans, U. de Faire, M. Farrall, L. Ferrucci, I. Ford, L. Franke, P.W. Franks, P. Froguel, R.T. Gansevoort, C. Gieger, H. Grönberg, V. Gudnason, U. Gyllensten, P. Hall, A. Hamsten, P. van der Harst, C. Hayward, M. Heliövaara, C. Hengstenberg, A.A. Hicks, A. Hingorani, A. Hofman, F. Hu, H.V. Huikuri, K. Hveem, A.L. James, J.M. Jordan, A. Jula, M. Kähönen, E. Kajantie, S. Kathiresan, L.A. Kiemeny, M. Kivimäki, P.B. Knekt, H.A. Koistinen, J.S. Kooner, S. Koskinen, J. Kuusisto, W. Maerz, N.G. Martin, M. Laakso, T.A. Lakka, T. Lehtimäki, G. Lettre, D.F. Levinson, L. Lind, M.L. Lokki, P. Mäntyselkä, M. Melbye, A. Metspalu, B.D. Mitchell, F.L. Moll, J.C. Murray, A.W. Musk, M.S. Nieminen, I. Njølstad, C. Ohlsson, A.J. Oldehinkel, B.A. Oostra, L.J. Palmer, J.S. Pankow, G. Pasterkamp, N.L. Pedersen, O. Pedersen, B.W. Penninx, M. Perola, A. Peters, O. Polašek, P.P. Pramstaller, B.M. Psaty, L. Qi, T. Quertermous, O.T. Raitakari, T. Rankinen, R. Rauramaa, P.M. Ridker, J.D. Rioux, F. Rivadeneira, J.I. Rotter, I. Rudan, H.M. den Ruijter, J. Saltevo, N. Sattar, H. Schunkert, P.E. Schwarz, A.R. Shuldiner, J. Sinisalo, H. Snieder, T.I. Sørensen, T.D. Spector, J.A. Staessen, B. Stefania, U. Thorsteinsdottir, M. Stumvoll, J.C. Tardif, E. Tremoli, J. Tuomilehto, A.G. Uitterlinden, M. Uusitupa, A.L. Verbeek, S.H. Vermeulen, J.S. Viikari, V. Vitart, H. Vitzke, P. Vogelstein, G. Waeber, M. Walker, H. Wallaschofski, N.J. Wareham, H. Watkins, E. Zeggini; arcOGEN Consortium; CHARGE Consortium; DIAGRAM Consortium; GLGC Consortium; Global-BPGen Consortium; ICBP Consortium; MAGIC Consortium, A. Chakravarti, D.J. Clegg, L.A. Cupples, P. Gordon-Larsen, C.E. Jaquish, D.C. Rao, G.R. Abecasis, T.L. Assimes, I. Barroso, S.I. Berndt, M. Boehnke, P. Deloukas, C.S. Fox, L.C. Groop, D.J. Hunter, E. Ingelsson, R.C. Kaplan, M.I. McCarthy, K.L. Mohlke, J.R. O'Connell, D. Schlessinger, D.P. Strachan, K. Stefansson, C.M. van Duijn, J.N. Hirschhorn, C.M. Lindgren, I.M. Heid, K.E. North, I.B. Borecki, Z. Kutalik, R.J. Loos. *PLoS Genet.* 2015 Oct 1;11(10):e1005378. doi: 10.1371/journal.pgen.1005378. eCollection 2015 Oct. Erratum in: *PLoS Genet.* 2016 Jun 29;12(6):e1006166. doi: 10.1371/journal.pgen.1006166. eCollection 2016 Jun.

71. *Plasma IL-5 concentration and subclinical atherosclerosis.* A. Silveira, O. Pikasova, R. Strawbridge, K. Gertow, B. Sennblad, D. Baldassarre, F. Veglia, A. Deleskog, J. Persson, K. Leander, B. Gigante, J. Kauhanen, R. Raurama, A.J. Smit, E. Mannarino, P. Giral, S. Gustafsson, S. Söderberg, J. Öhrvik, S.E. Humphries, E. Tremoli, U. de Faire, A. Hamsten. *Atherosclerosis.* 2015;239(1):125-30.
72. *Analysis of the Role of Interleukin 6 Receptor Haplotypes in the Regulation of Circulating Levels of Inflammatory Biomarkers and Risk of Coronary Heart Disease.* B. Gigante, R.J. Strawbridge, I.M. Velasquez, Z. Golabkesh, A. Silveira, A. Goel, D. Baldassarre, F. Veglia, E. Tremoli, S.E. Humphries, R. Clarke, H. Watkins, A. Hamsten, U. de Faire. *Plos One.* 2015;10(3):e0119980.
73. *Is the adiposity-associated FTO gene variant related to all-cause mortality independent of*

- adiposity? Meta-analysis of data from 169,551 Caucasian adults.* E. Zimmermann, L.H. Ångquist, S.S. Mirza, J.H. Zhao, D.I. Chasman, K. Fischer, Q. Qi, A.V. Smith, M. Thinggaard, M.N. Jarzok, M.A. Nalls, S. Trompet, N.J. Timpson, B. Schmidt, A.U. Jackson, L.P. Lytykäinen, N. Verweij, M. Mueller-Nurasyid, M. Vikström, P. Marques-Vidal, A. Wong, K. Meidtner, R.P. Middelberg, R.J. Strawbridge, Christiansen L; The FTO-Mortality Collaborating Group, K.O. Kyvik, A. Hamsten, T. Jääskeläinen, A. Tjønneland, J.G. Eriksson, J.B. Whitfield, H. Boeing, R. Hardy, P. Vollenweider, K. Leander, A. Peters, P. van der Harst, M. Kumari, T. Lehtimäki, A. Meirhaeghe, J. Tuomilehto, K.H. Jöckel, Y. Ben-Shlomo, N. Sattar, S.E. Baumeister, G. Davey Smith, J.P. Casas, D.K. Houston, W. März, K. Christensen, V. Gudnason, F.B. Hu, A. Metspalu, P.M. Ridker, N.J. Wareham, R.J. Loos, H. Tiemeier, E. Sonestedt, T.L. Sørensen. **Collaborators** M. Orho-Melander, C. Zillikens, A. Ikram, A. Hofman, J. Luan, K.T. Khaw, L.M. Rose, K. Läll, R. Mägi, L. Qi, Q. Sun, T.B. Harris, L.J. Launer, G. Eiriksdóttir, M.E. Kleber, G. Delgado, Y. Liu, M. Garcia, A. Teumer, H. Grabe, G. Homuth, J.W. Jukema, I. Ford, A.J. de Craen, J. Gallacher, J. Yarnell, A.A. Mahabadi, M.M. Nöthen, R. Erbel, H.M. Stringham, M. Boehnke, P. Amouyel, J. Ferrières, D. Arveiler, M. Kähönen, K. Nikus, T. Nieminen, A. Sanchez, M. Kivimäki, J.V. van der Harst, R. Hampel, B. Thorand, U. De Faire, F. Nyberg, D. Kuh, N.G. Martin, G.W. Montgomery, A.C. Heath, P.A. Madden, C. Osmond, N. Pulizzi, N. Roswall, J. Halkjaer, K. Overvad, M. Uusitupa, L. Kinnunen, J. Lindström, J. Saramies, S. Keinänen-Kiukaanniemi, H. Uusitalo, E. Hussi, D. Baldassarre, F. Veglia, S. Humphries, E. Tremoli, B. Heitmann. *Obes Rev.* 2015;16(4):327-40.
74. *Sex-Specific Effects of Adiponectin on Carotid Intima-Media Thickness and Incident Cardiovascular Disease.* J. Persson, R.J. Strawbridge, O. McLeod, K. Gertow, A. Silveira, D. Baldassarre, N. Van Zuydam, S. Shah, C. Fava, S. Gustafsson, F. Veglia, B. Sennblad, M. Larsson, M. Sabater-Lleal, K. Leander, B. Gigante, A. Tabak, M. Kivimäki, J. Kauhanen, R. Rauramaa, A.J. Smit, E. Mannarino, P. Giral, S.E. Humphries, E. Tremoli, U. de Faire, L. Lind, E. Ingelsson, B. Hedblad, O. Melander, M. Kumari, A. Hingorani, A.D. Morris, C.N. Palmer, P. Lundman, J. Öhrvik, S. Söderberg, A. Hamsten; IMPROVE Study Group. *J Am Heart Assoc.* 2015 14;4(8).
75. *Non-invasive assessment of arterial stiffness in patients with rheumatoid arthritis: A systematic review and meta-analysis of literature studies.* P. Ambrosino, M. Tasso, R. Lupoli, A. Di Minno, D. Baldassarre, E. Tremoli, M.N. Di Minno. *Ann Med.* 2015;47(6):457-67.
76. *Genetic fine-mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci.* K.J. Gaulton, T. Ferreira, Y. Lee, A. Raimondo, R. Mägi, M.E. Reschen, A. Mahajan, A. Locke, N.W. Rayner, N. Robertson, R.A. Scott, I. Prokopenko, L.J. Scott, T. Green, T. Sparso, D. Thuillier, L. Yengo, H. Grallert, S. Wahl, M. Fränberg, R.J. Strawbridge, H. Kestler, H. Chheda, L. Eisele, S. Gustafsson, V. Steinthorsdóttir, G. Thorleifsson, L.Q. , L.C. Karssen, E.M. van Leeuwen, S.M. Willems, M.L. , H. Chen, C. Fuchsberger, P. Kwan, C. Ma, M. Linderman, Y.L. , S.K. Thomsen, J.K. Rundle, N.L. Beer, M. van de Bunt, A. Chalise, H. Min Kang, B.F. Voight, G.R. Abecasis, P. Almgren, D. Baldassarre, B. Balkau, R. Benediktsson, M. Blüher, H. Boeing, L.L. Bonnycastle, E.P. Borringer, N.P. Burt, J. Carey, G. Charpentier, P.S. Chines, M.C. Cornelis, D.J. Couper, A.T. Crenshaw, R.M. vanDam, A.S. Doney, M. Dorkhan, S. Edkins, J.G. Eriksson, T. Esko, E. Eury, J. Fadista, J. Flannick, P. Fontanillas, C. Fox, P.W. Franks, K. Gertow, C. Geiger, B. Gigante, O. Gottesman, G.B. Grant, N. Grarup, C.J. Groves, M. Hassinen, C.T. Have, C. Herder, O.L. Holmen, A.B. Hreidarsson, S.E. Humphries, D.J. Hunter, A.U. Jackson, A. Jonsson, M.E. Jørgensen, T. Jørgensen, W.L. Kao, N.D. Kerrison, L. Kinnunen, N. Klopp, A. Kong, P. Kovacs, P. Kraft, J. Kravic, C. Langford, K. Leander, L. Liang, P. Lichtner, C.M. Lindgren, E. Lindholm, A. Linneberg, C. Liu, S. Lobbens, J. Luan, V. Lyssenko, S. Männistö, O. McLeod, J. Meyer, E. Mihailov, G. Mirza, T.W. Mühleisen, M. Müller-Nurasyid, C. Navarro, M.M. Nöthen, N.N. Oskolkov, K.R. Owen, D. Palli, S. Pechlivanis, L. Peltonen, J.R. Perry, C.G. Platou, M. Roden, D. Ruderfer, D. Rybin, Y.T. van der, B. Sennblad, G. Sigurðsson, A. Stančáková, G. Steinbach, P. Storm, K. Strauch, H.M. Stringham, Q. Sun, B. Thorand, E. Tikkanen, A. Tonjes, J. Trakalo, E. Tremoli, T. Tuomi, R. Wennauer, S. Wiltshire, A.R. Wood, E. Zeggini, I. Dunham, E. Birney, L. Pasquali, J. Ferrer, R.J. Loos, J. Dupuis, J.C. Florez, E. Boerwinkle, J.S. Pankow, C. van Duijn, E. Sijbrands, J.B. Meigs, F.B. Hu, U. Thorsteinsdóttir, K. Stefansson, T.A. Lakka, R. Rauramaa, M. Stumvoll, N.L. Pedersen, L. Lind, S.M. Keinänen-Kiukaanniemi, E. Korpi-Hyövälti, T.E. Saaristo, J. Saltevo, J. Kuusisto, M. Laakso, A. Metspalu, R. Erbel, K. Jöckel, S. Moebus, S. Ripatti, V. Salomaa, E. Ingelsson, B.O. Boehm, R.N. Bergman, F.S. Collins, K.L. Mohlke, H. Koistinen, J. Tuomilehto, K. Hveem, I. Njølstad, P. Deloukas, P.J. Donnelly, T.M. Frayling, A.T. Hattersley, U. de Faire, A. Hamsten, T. Illig, A. Peters, S. Cauchi, R. Sladek, P. Froguel, T. Hansen, O. Pedersen, A.D. Morris, C.N. Palmer, S. Kathiresan, O. Melander, P.M. Nilsson, L.C. Groop, I. Barroso, C. Langenberg, N.J. Wareham, C.A. O'Callaghan, A.L. Gloyn, D. Altshuler, M. Boehnke, T.M. Teslovich, M.I. McCarthy, A.P. Morris. for the DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium Nat

- Genet. 2015;47(12):1415-25.
77. *Genetic loci on chromosome 5 are associated with circulating levels of interleukin-5 and eosinophil count in a European population with high risk for cardiovascular disease.* O. McLeod, A. Silveira, E. Valdes-Marquez, H. Björkbacka, P. Almgren, K. Gertow, J.R. Gådin, A. Bäcklund, B. Sennblad, **D. Baldassarre**, F. Veglia, S.E. Humphries, E. Tremoli, U. de Faire, J. Nilsson, O. Melander, J. C Hopewell, R. Clarke, H.M. Björck, A. Hamsten, J. Öhrvik and R.J. Strawbridge on behalf of the IMPROVE study group. *Cytokine* 2016;81:1-9.
 78. *Non-invasive imaging of atherosclerosis regression with magnetic resonance to guide drug development.* P. Raggi, **D. Baldassarre**, S. Day, E. de Groot, Z. Fayad. *Atherosclerosis*. 2016;251:476-82
 79. *Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of LMOD1, SYNPO2, PDLIM7, PLN, and SYNM.* LM. Perisic, U. Rykaczewska, A. Razuvaev, M. Sabater-Lleal, M. Lengquist, CL. Miller, I. Ericsson, S. Röhl, M. Kronqvist, S. Aldi, J. Magné, V. Paloschi, M. Vesterlund, Y. Li, H. Jin, MG. Diez, J. Roy, **D. Baldassarre**, F. Veglia, SE. Humphries, U. de Faire, E. Tremoli, J. Odeberg, V. Vukojevic, J. Lehtiö, L. Maegdefessel, E. Ehrenborg, G. Paulsson-Berne, G. Hansson, JH. Lindeman, P. Eriksson, T. Quertermous, A. Hamsten, U. Hedin. *Arterioscler Thromb Vasc Biol.* 2016;36(9):1947-61.
 80. *Soluble CD93 Is Involved in Metabolic Dysregulation but Does Not Influence Carotid Intima-Media Thickness.* RJ. Strawbridge, A. Hilding, A. Silveira, C. Österholm, B. Sennblad, O. McLeod, P. Tsirikka, F. Forough, E. Tremoli, **D. Baldassarre**, F. Veglia, R. Rauramaa, AJ. Smit, P. Giral, S. Kurl, E. Mannarino, E. Grossi, AC. Syvänen, SE. Humphries, U. de Faire, CG. Östenson, L. Maegdefessel, A. Hamsten, A. Bäcklund, IMPROVE Study Group. *Diabetes*. 2016;65(10):2888-99.
 81. *The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals.* GB. Ehret, T. Ferreira, DI. Chasman, AU. Jackson, EM. Schmidt, T. Johnson, G. Thorleifsson, J. Luan, LA. Donnelly, S. Kanoni, AK. Petersen, V. Pihur, RJ. Strawbridge, D. Shungin, MF. Hughes, O. Meirelles, M. Kaakinen, N. Bouatia-Naji, K. Kristiansson, S. Shah, ME. Kleber, X. Guo, LP. Lytykainen, C. Fava, N. Eriksson, IM. Nolte, PK. Magnusson, EL. Salfati, LS. Rallidis, E. Theusch, AJP. Smith, L. Folkersen, K. Witkowska, TH. Pers, R. Joehanes, SK. Kim, L. Lataniotis, R. Jansen, AD. Johnson, H. Warren, YJ. Kim, W. Zhao, Y. Wu, BO. Tayo, M. Bochud, D. Absher, LS. Adair, N. Amin, DE. Arking, T. Axelsson, **D. Baldassarre**, B. Balkau, S. Bandinelli, MR. Barnes, I. Barroso, S. Bevan, JC. Bis, G. Bjornsdottir, M. Boehnke, E. Boerwinkle, LL. Bonnycastle, DI. Boomsma, SR. Bornstein, MJ. Brown, M. Burnier, CP. Cabrera, JC. Chambers, IS. Chang, CHARGE-EchoGen consortium, CHARGE-HF consortium, CY. Cheng, PS. Chines, RH. Chung, FS. Collins, JM. Connell, A. Doring, J. Dallongeville, J. Danesh, U. de Faire, G. Delgado, V. Dhananjay, AF. Dominiczak, ASF. Doney, F. Drenos, S. Edkins, JD. Eicher, R. Elosua, S. Enroth, J. Erdmann, P. Eriksson, T. Esko, E. Evangelou, A. Evans, T. Fall, M. Farrall, JF. Felix, J. Ferrieres, L. Ferrucci, M. Fornage, T. Forrester, N. Franceschini, OHF. Duran, A. Franco-Cereceda, RM. Fraser, SK. Ganesh, H. Gao, K. Gertow, F. Gianfagna, B. Gigante, F. Giulianini, A. Goel, AH. Goodall, MO. Goodarzi, M. Gorski, J. Graser, C. Groves, V. Gudnason, U. Gyllensten, G. Hallmans, AL. Hartikainen, M. Hassinen, AS. Havulinna, C. Hayward, S. Hercberg, KH. Herzig, AA. Hicks, A. Hingorani, JN. Hirschhorn, A. Hofman, J. Holmen, OL. Holmen, JJ. Hottenga, P. Howard, CA. Hsiung, SC. Hunt, MA. Ikram, T. Illig, C. Iribarren, RA. Jensen, M. Kahonen, H. Kang, S. Kathiresan, BJ. Keating, KT. Khaw, YK. Kim, E. Kim, M. Kivimaki, N. Klopp, G. Kolovou, P. Komulainen, JS. Kooner, G. Kosova, RM. Krauss, D. Kuh, Z. Kutalik, J. Kuusisto, K. Kvaloy, TA. Lakka, NR. Lee, IT. Lee, WJ. Lee, D. Levy, X. Li, KW. Liang, H. Lin, L. Lin, J. Lindstrom, S. Lobbens, S. Mannisto, G. Muller, M. Muller-Nurasyid, F. Mach, H. Markus, E. Marouli, MI. McCarthy, CA. McKenzie, P. Meneton, C. Menni, A. Metspalu, V. Mijatovic, L. Moilanen, ME. Montasser, AD. Morris, AC. Morrison, A. Mulas, R. Nagaraja, N. Narisu, K. Nikus, CJ. O'Donnell, P. O'Reilly, KK. Ong, F. Paccaud, CD. Palmer, A. Parsa, NL. Pedersen, BW. Penninx, M. Perola, A. Peters, N. Poulter, PP. Pramstaller, BM. Psaty, T. Quertermous, DC. Rao, A. Rasheed, NWNWR. Rayner, F. Renstrom, R. Rettig, KM. Rice, R. Roberts, LM. Rose, J. Rossouw, NJ. Samani, S. Sanna, J. Saramies, H. Schunkert, S. Sebert, WHH. Sheu, YA. Shin, X. Sim, JH. Smit, AV. Smith, MX. Sosa, TD. Spector, A. Stančakova, A. Stanton, KE. Stirrups, HM. Stringham, J. Sundstrom, AJ. Swift, AC. Syvanen, ES. Tai, T. Tanaka, KV. Tarasov, A. Teumer, U. Thorsteinsdottir, MD. Tobin, E. Tremoli, AG. Uitterlinden, M. Uusitupa, A. Vaez, CM. van Duijn, EPA. van Iperen, RS. Vasan, GC. Verwoert, J. Virtamo, V. Vitart, BF. Voight, P. Vollenweider, A. Wagner, LV. Wain, NJ. Wareham, H. Watkins, AB. Weder, Wellcome Trust Case Control Consortium, HJ. Westra, R. Wilks, T. Wilsgaard, JF. Wilson, TY. Wong, TP. Yang, J. Yao, L. Yengo, W. Zhang, JH. Zhao, X. Zhu, P. Bovet, RS. Cooper, KL. Mohlke, D. Saleheen, JY. Lee, P. Elliott, HJ. Gierman, CJ. Willer, L. Franke, GK. Hovingh, KD. Taylor, G. Dedoussis, P. Sever, A. Wong, L. Lind, TL. Assimes, I.

- Njolstad, PEH. Schwarz, C. Langenberg, H. Snieder, MJ. Caulfield, O. Melander, M. Laakso, J. Saltevo, R. Rauramaa, J. Tuomilehto, E. Ingelsson, T. Lehtimäki, K. Hveem, W. Palmas, W. Marz, M. Kumari, V. Salomaa, Y. Der I Chen, JI. Rotter, P. Froguel, MR. Jarvelin, EG. Lakatta, K. Kuulasmaa, PW. Franks, A. Hamsten, HE. Wichmann, CNA. Palmer, K. Stefansson, PM. Ridker, RJF. Loos, A. Chakravarti, P. Deloukas, AP. Morris, C. Newton-Cheh, PB. Munroe. *Nat Genet.* 2016;48(10):1171-84.
82. *Markers of subclinical atherosclerosis in patients with aortic valve sclerosis: A meta-analysis of literature studies.* MND Di Minno, A. Di Minno, P. Songia, P. Ambrosino, P. Gripari, A. Ravani, M. Pepi, PO. Rubba, E. Medda, E. Tremoli, **D. Baldassarre**, and P. Poggio. *Int J Cardiol.* 2016;223:364-370.
83. *Old and new oral anticoagulants: Food, herbal medicines and drug interactions.* A. Di Minno, B. Frigerio, G. Spadarella, Ravani, D. Sansaro, M. Amato, JP. Kitzmiller, M. Pepi, E. Tremoli and **D. Baldassarre**. *Blood Rev.* 2017;31(4):193-203. Review.
84. *Association of non-alcoholic fatty liver disease and cardiometabolic risk factors with early atherosclerosis in an adult population in Southern Italy.* C.A. Caserta, A. Mele, P. Surace, L. Ferrigno, A. Amante, A. Messineo, C. Vacalebre, F. Amato, **D. Baldassarre**, M. Amato, F. Marcucci and M. Zuin. *Ann Ist Super Sanità.* 2017;53(1):77-81
85. *Effect of cigarette smoke on monocyte procoagulant activity: Focus on platelet-derived brain-derived neurotrophic factor (BDNF).* P. Amadio, **D. Baldassarre**, L. Sandrini, BB. Weksler, E. Tremoli, SS. Barbieri. *Platelets.* 2017;28(1):60-65.
86. *Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease.* L. Folkersen, E. Fauman, M. Sabater-Lleal, RJ. Strawbridge, M. Fränberg, B. Sennblad, **D. Baldassarre**, F. Veglia, SE. Humphries, R. Rauramaa, U. de Faire, AJ. Smit, P. Giral, S. Kurl, E. Mannarino, S. Enroth, Å. Johansson, S. Bosdottir Enroth, S. Gustafsson, L. Lind, C. Lindgren, AP. Morris, V. Giedraitis, A. Silveira, A. Franco-Cereceda, E. Tremoli, the IMPROVE study group, U. Gyllensten, E. Ingelsson, S. Brunak, P. Eriksson, D. Ziemek, A. Hamsten, A. Mälarstig. *PLOS Genet.* 2017;13(4):e1006706.
87. *Depletion in LpA-I:A-II particles enhances HDL-mediated endothelial protection in familial LCAT deficiency.* M. Gomaschi, A. Ossoli, S. Castelnuovo, S. Simonelli, C. Pavenello, G. Balzarotti, M. Arca, A. Di Costanzo, T. Sampietro, G. Vaudo, **D. Baldassarre**, F. Veglia, G. Franceschini, L. Calabresi. *J Lipid Res.* 2017;58(5):994-1001.
88. *Automatic identification of variables in epidemiological datasets using logic regression.* MW. Lorenz, NA. Abdi, F. Scheckenbach, A. Pflug, A. Bülbül, AL. Catapano, S., Agewall, M. Ezhov, ML. Bots, S. Kiechl, A. Orth, PROG-IMT study group. *Collaborators* GD. Norata, JP. Empana, HJ. Lin, S. McLachlan, L. Bokemark, K. Ronkainen, M. Amato, U. Schminke, SR. Srinivasan, L. Lind, A. Kato, C. Dimitriadis, T. Przewlocki, S. Okazaki, CD. Stehouwer, T. Lazarevic, P. Willeit, DN. Yanez, H. Steinmetz, D. Sander, H. Poppert, M. Desvarieux, MA. Ikram, S. Bevc, D. Staub, CR. Sirtori, B. Iglseider, G. Engström, G. Tripepi, O. Beloqui, MS. Lee, A. Frier, W. Xie, L. Grigore, M. Plichart, TC. Su, C. Robertson, C. Schmidt, TP. Tuomainen, F. Veglia, H. Völzke, G. Nijpels, A. Jovanovic, J. Willeit, RL. Sacco, OH. Franco, R. Hojs, H. Uthoff, B. Hedblad, HW. Park, C. Suarez, D. Zhao, A. Catapano, P. Ducimetiere, KL. Chien, JF. Price, G. Bergström, J. Kauhanen, E. Tremoli, M. Dörr, G. Berenson, A. Papagianni, A. Kablak-Ziembicka, K. Kitagawa, JM. Dekker, R. Stolic, S. Kiechl, JF. Polak, M. Sitzer, H. Bickel, T. Rundek, A. Hofman, R. Ekart, B. Frauchiger, S. Castelnuovo, M. Rosvall, C. Zoccali, MF. Landecho, JH. Bae, R. Gabriel, J. Liu, **D. Baldassarre**, M. Kavousi. *BMC Med Inform Decis Mak.* 2017;17(1):40.
89. *Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits.* AE. Justice, TW. Winkler, MF. Feitosa, M. Graff, VA. Fisher, K. Young, L. Barata, X. Deng, J. Czajkowski, D. Hadley, JS. Ngwa, TS. Ahluwalia, AY. Chu, NL. Heard-Costa, E. Lim, J. Perez, JD. Eicher, Z. Kutalik, L. Xue, A. Mahajan, F. Renström, J. Wu, Q. Qi, S. Ahmad, T. Alfred, N. Amin, LF. Bielak, A. Bonnefond, J. Bragg, G. Cadby, M. Chittani, S. Coggeshall, T. Corre, N. Direk, J. Eriksson, K. Fischer, M. Gorski, HM. Neergaard, M. Horikoshi, T. Huang, JE. Huffman, AU. Jackson, JM. Justesen, S. Kanoni, L. Kinnunen, ME. Kleber, P. Komulainen, M. Kumari, U. Lim, J. Luan, LP. Lytikäinen, M. Mangino, A. Manichaikul, J. Marten, RPS. Middelberg, M. Müller-Nurasyid, P. Navarro, L. Pérusse, N. Pervjakova, C. Sarti, AV. Smith, JA. Smith, A. Stančáková, RJ. Strawbridge, HM. Stringham, YJ. Sung, T. Tanaka, A. Teumer, S. Trompet, SW. van der Laan, PJ. van der Most, JV. Van Vliet-Ostaptchouk, SL. Vedantam, N. Verweij, JM. Vink, V. Vitart, Y. Wu, L. Yengo, W. Zhang, J. Hua Zhao, ME. Zimmermann, N. Zubair, GR. Abecasis, LS. Adair, S. Afaq, U. Afzal, S. Bakker, TM. Bartz, J. Beilby, RN. Bergman, S. Bergmann, R. Biffar, J. Blangero, E. Boerwinkle, LL. Bonnycastle, E. Bottinger, D. Braga, BM. Buckley, S. Buyske, H. Campbell, JC. Chambers, FS. Collins, JE. Curran, GJ. de Borst, AJM. de Craen, EJC. de Geus, G. Dedoussis, GE. Delgado,

- HM. den Ruijter, G. Eiriksdottir, AL. Eriksson, T. Esko, JD. Faul, I. Ford, T. Forrester, K. Gertow, B. Gigante, N. Glorioso, J. Gong, H. Grallert, TB. Grammer, N. Grarup, S. Haitjema, G. Hallmans, A. Hamsten, T. Hansen, TB. Harris, CA. Hartman, M. Hassinen, ND. Hastie, AC. Heath, D. Hernandez, L. Hindorf, LJ. Hocking, M. Hollensted, OL. Holmen, G. Homuth, J. Jan Hottenga, J. Huang, J. Hung, N. Hutri-Kähönen, E. Ingelsson, AL. James, JO. Jansson, MR. Jarvelin, MA. Jhun, ME. Jørgensen, M. Juonala, M. Kähönen, M. Karlsson, HA. Koistinen, I. Kolcic, G. Kolovou, C. Kooperberg, BK. Krämer, J. Kuusisto, K. Kvaløy, TA. Lakka, C. Langenberg, LJ. Launer, K. Leander, NR. Lee, L. Lind, CM. Lindgren, A. Linneberg, S. Lobbens, M. Loh, M. Lorentzon, R. Luben, G. Lubke, A. Ludolph-Donislowski, S. Lupoli, PAF. Madden, R. Männikkö, P. Marques-Vidal, NG. Martin, CA. McKenzie, B. McKnight, D. Mellström, C. Menni, GW. Montgomery, AB. Musk, N. Narisu, M. Nauck, IM. Nolte, AJ. Oldehinkel, M. Olden, KK. Ong, S. Padmanabhan, PA. Peyser, C. Pisinger, DJ. Porteous, OS. Raitakari, T. Rankinen, DC. Rao, LJ. Rasmussen-Torvik, R. Rawal, T. Rice, PM. Ridker, LM. Rose, SA. Bien, I. Rudan, S. Sanna, MA. Sarzynski, N. Sattar, K. Savonen, D. Schlessinger, S. Scholtens, C. Schurmann, RA. Scott, B. Sennblad, MA. Siemelink, G. Silbernagel, PE. Slagboom, H. Snieder, JA. Staessen, DJ. Stott, MA. Swertz, AJ. Swift, KD. Taylor, BO. Tayo, B. Thorand, D. Thuillier, J. Tuomilehto, AG. Uitterlinden, L. Vandenput, MC. Vohl, H. Völzke, JM. Vonk, G. Waeber, M. Waldenberger, RGJ. Westendorp, S. Wild, G. Willemsen, BHR. Wolfenbuttel, A. Wong, AF. Wright, W. Zhao, MC. Zillikens, **D. Baldassarre**, B. Balkau, S. Bandinelli, CA. Böger, DI. Broomsma, C. Bouchard, M. Bruinenberg, DI. Chasman, YD. Chen, PS. Chines, RS. Cooper, F. Cucca, D. Cusi, U. Faire, L. Ferrucci, PW. Franks, P. Froguel, P. Gordon-Larsen, HJ. Grabe, V. Gudnason, CA. Haiman, C. Hayward, K. Hveem, AD. Johnson, J. Wouter Jukema, SLR. Kardia, M. Kivimaki, JS. Kooner, D. Kuh, M. Laakso, T. Lehtimäki, LL. Marchand, W. März, MI. McCarthy, A. Metspalu, AP. Morris, C. Ohlsson, LJ. Palmer, G. Pasterkamp, O. Pedersen, A. Peters, U. Peters, O. Polasek, BM. Psaty, L. Qi, R. Rauramaa, BH. Smith, TIA. Sørensen, K. Strauch, H. Tiemeier, E. Tremoli, P. van der Harst, H. Vestergaard, P. Vollenweider, NJ. Wareham, DR. Weir, JB. Whitfield, JF. Wilson, J. Tyrrell, TM. Frayling, I. Barroso, M. Boehnke, P. Deloukas, CS. Fox, JN. Hirschhorn, DJ. Hunter, TD. Spector, DP. Strachan, CM. van Duijn, IM. Heid, KL. Mohlke, J. Marchini, RJF. Loos, TO. Kilpeläinen, CT. Liu, IB. Borecki, KE. North, LA. Cupples. *Nat Commun.* 2017;8:14977.
90. *An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans.* RA. Scott, LJ. Scott, R. Mägi, L. Marullo, KJ. Gaulton, M. Kaakinen, N. Pervjakova, TH. Pers, AD. Johnson, JD. Eicher, AU. Jackson, T. Ferreira, Y. Lee, C. Ma, V. Steinthorsdottir, G. Thorleifsson, L. Qi, NR. Van Zuydam, A. Mahajan, H. Chen, P. Almgren, BF. Voight, H. Grallert, M. Müller-Nurasyid, JS. Ried, WN. Rayner, N. Robertson, LC. Karssen, EM. van Leeuwen, SM. Willems, C. Fuchsberger, P. Kwan, TM. Teslovich, P. Chanda, M. Li, Y. Lu, C. Dina, D. Thuillier, L. Yengo, L. Jiang, T. Sparso, HA. Kestler, H. Chheda, L. Eisele, S. Gustafsson, M. Frånberg, RJ. Strawbridge, R. Benediktsson, AB. Hreidarsson, A. Kong, G. Sigurðsson, ND. Kerrison, J. Luan, L. Liang, T. Meitinger, M. Roden, B. Thorand, T. Esko, E. Mihailov, C. Fox, CT. Liu, D. Rybin, B. Isomaa, V. Lyssenko, T. Tuomi, DJ. Couper, JS. Pankow, N. Grarup, CT. Have, ME. Jørgensen, T. Jørgensen, A. Linneberg, MC. Cornelis, RM. van Dam, DJ. Hunter, P. Kraft, Q. Sun, S. Edkins, KR. Owen, JR. Perry, AR. Wood, E. Zeggini, J. Tajes-Fernandes, GR. Abecasis, LL. Bonnycastle, PS. Chines, HM. Stringham, HA. Koistinen, L. Kinnunen, B. Sennblad, TW. Mühleisen, MM. Nöthen, S. Pechlivanis, **D. Baldassarre**, K. Gertow, SE. Humphries, E. Tremoli, N. Klopp, J. Meyer, G. Steinbach, R. Wennauer, JG. Eriksson, S. Männistö, L. Peltonen, E. Tikkanen, G. Charpentier, E. Eury, S. Lobbens, B. Gigante, K. Leander, O. McLeod, EP. Bottinger, O. Gottesman, D. Ruderfer, M. Blüher, P. Kovacs, A. Tonjes, NM. Maruthur, C. Scapoli, R. Erbel, KH. Jöckel, S. Moebus, U. de Faire, A. Hamsten, M. Stumvoll, P. Deloukas, PJ. Donnelly, TM. Frayling, AT. Hattersley, S. Ripatti, V. Salomaa, NL. Pedersen, BO. Boehm, RN. Bergman, FS. Collins, KL. Mohlke, J. Tuomilehto, T. Hansen, O. Pedersen, I. Barroso, L. Lannfelt, E. Ingelsson, L. Lind, CM. Lindgren, S. Cauchi, P. Froguel, RJ. Loos, B. Balkau, H. Boeing, PW. Franks, AB. Gurrea, D. Palli, YT. van der Schouw, D. Altshuler, LC. Groop, C. Langenberg, NJ. Wareham, E. Sijbrands, CM. van Duijn, JC. Florez, JB. Meigs, E. Boerwinkle, C. Gieger, K. Strauch, A. Metspalu, AD. Morris, CN. Palmer, FB. Hu, U. Thorsteinsdottir, K. Stefansson, J. Dupuis, AP. Morris, M. Boehnke, MI. McCarthy, I. Prokopenko; DIABetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium. *Diabetes.* 2017;66(11):2888-2902
91. *Carotid plaque-thickness and common carotid IMT show additive value in cardiovascular risk prediction and reclassification.* M. Amato, F. Veglia, U. de Faire, P. Giral, R. Rauramaa, AJ. Smit, S. Kurl, A. Ravani, B. Frigerio, D. Sansaro, A. Bonomi, CC. Tedesco, S. Castelnovo, E. Mannarino, SE. Humphries, A. Hamsten, E. Tremoli, **D. Baldassarre**; the IMPROVE study group. *Atherosclerosis.* 2017;263:412-419
92. *Integrative Studies Implicate Matrix Metalloproteinase 12 as a Culprit Gene for Large-Artery Atherosclerotic Stroke.* H. Mahdessian, L. Perisic Matic, M. Lengquist, K. Gertow, B. Sennblad, **D. Baldassarre**, F. Veglia, SE. Humphries, R. Rauramaa, U. de Faire, AJ. Smit, P. Giral, S. Kurl,

- E. Mannarino, E. Tremoli, A. Hamsten, P. Eriksson, U. Hedin, A. Mälärstig, IMPROVE study group. *J Intern Med.* 2017 Nov;282(5):429-444.
93. *Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation.* RJ. Strawbridge, A. Silveira, MD. Hoed, S. Gustafsson, J. Luan, D. Rybin, J. Dupuis, R. Li-Gao, M. Kavousi, A. Dehghan, K. Haljas, J. Lahti, JR. Gådin, A. Bäcklund, U. de Faire, K. Gertow, P. Giral, A. Goel, SE. Humphries, S. Kurl, C. Langenberg, LL. Lannfelt, L. Lind, CCM. Lindgren, E. Mannarino, DO. Mook-Kanamori, AP. Morris, R. de Mutsert, R. Rauramaa, P. Saliba-Gustafsson, B. Sennblad, AJ. Smit, AC. Syvänen, E. Tremoli, F. Veglia, B. Zethelius, HM. Björck, JG. Eriksson, A. Hofman, OH. Franco, H. Watkins, JW. Jukema, JC. Florez, NJ. Wareham, JB. Meigs, E. Ingelsson, **D. Baldassarre**, A. Hamsten; IMPROVE study group. *Atherosclerosis.* 2017;266:196-204.
 94. *Association of lifelong occupation and educational level with subclinical atherosclerosis in different European regions. Results from the IMPROVE study.* CC. Tedesco, F. Veglia, U. de Faire, S. Kurl, AJ. Smit, R. Rauramaa, P. Giral, M. Amato, A. Bonomi, A. Ravani, B. Frigerio, S. Castelnuovo, D. Sansaro, E. Mannarino, SE. Humphries, A. Hamsten, E. Tremoli, **D. Baldassarre**, IMPROVE study group. *Atherosclerosis.* 2017;269:129-137.
 95. *Increased levels of circulating fatty acids are associated with protective effects against future cardiovascular events in non-diabetics.* MA. Kamleh, O. McLeod, A. Checa, **D. Baldassarre**, F. Veglia, K. Gertow, SE. Humphries, R. Rauramaa, U. de Faire, AJ. Smit, P. Giral, S. Kurl, E. Mannarino, E. Tremoli, A. Silveira, J. Orvik, A. Hamsten, CE. Wheelock. *J Proteome Res.* 2018;17(2):870-878.
 96. *Predictive value for cardiovascular events of common carotid intima media thickness and its rate of change in individuals at high cardiovascular risk - results from the PROG-IMT collaboration.* MW. Lorenz, L. Gao, K. Ziegelbauer, GD. Norata, JP. Empana, I. Schmidtman, H. Lin, S. McLachlan, L. Bokemark, K. Ronkainen, M. Amato, U. Schminke, SR. Srinivasan, L. Lind, S. Okazaki, C. Stehouwer, P. Willeit, JF. Polak, H. Steinmetz, D. Sander, H. Poppert, M. Desvarieux, M. Arfan Ikram, S. Harald Johnsen, D. Staub, CR. Sirtori, B. Iglseeder, O. Beloqui, G. Engström, A. Frieria, F. Rozza, W. Xie, G. Parraga, L. Grigore, M. Plichart, S. Blankenberg, T. Su, C. Schmidt, T. Tuomainen, F. Veglia, H. Völzke, G. Nijpels, J. Willeit, RL. Sacco, OH. Franco, H. Uthoff, B. Hedblad, C. Suarez, R. Izzo, D. Zhao, T. Wannarong, A. Catapano, P. Ducimetiere, C. Espinola-Klein, K. Chien, JF. Price, G. Bergström, J. Kauhanen, E. Tremoli, M. Dörr, G. Berenson, K. Kitagawa, JM. Dekker, S. Kiechl, M. Sitzer, H. Bickel, T. Rundek, A. Hofman, EB. Mathiesen, B. Frauchiger, S. Castelnuovo, MF. Landecheo, M. Rosvall, R. Gabriel, N. de Luca, J. Liu, JD. Spence, **D. Baldassarre**, M. Kavousi, E. de Groot, M. Bots, DN. Yanez, SG. Thompson, on behalf of the PROG-IMT study group. *PLoS One.* 2018;13(9):e0204633.
 97. *Complete and Partial LCAT Deficiency are Differentially Associated with Atherosclerosis.* F. Oldoni, **D. Baldassarre**, S. Castelnuovo, A. Ossoli, M. Amato, J. van Capelleveen, GK. Hovingh, E. de Groot, A. Bochem, S. Simonelli, S. Barbieri, F. Veglia, G. Franceschini, JA. Kuivenhoven, AG. Holleboom, L. Calabresi. *Circulation.* 2018 May 10. pii: CIRCULATIONAHA.118.034706 [Epub ahead of print]
 98. *GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes.* N. Franceschini, C. Giambartolomei, PS. de Vries, C. Finan, JC. Bis, RP. Huntley, RC. Lovering, SM. Tajuddin, TW. Winkler, M. Graff, M. Kavousi, C. Dale, AV. Smith, E. Hofer, EM. van Leeuwen, IM. Nolte, L. Lu, M. Scholz, M. Sargurupremraj, N. Pitkänen, O. Franzén, PK. Joshi, R. Noordam, RE. Marioni, SJ. Hwang, SK. Musani, U. Schminke, W. Palmas, A. Isaacs, A. Correa, AB. Zonderman, A. Hofman, A. Teumer, AJ. Cox, AG. Uitterlinden, A. Wong, AJ. Smit, AB. Newman, A. Britton, A. Ruusalepp, B. Sennblad, B. Hedblad, B. Pasaniuc, BW. Penninx, CD. Langefeld, CL. Wassel, C. Tzourio, C. Fava, **D. Baldassarre**, DH. O'Leary, D. Teupser, D. Kuh, E. Tremoli, E. Mannarino, E. Grossi, E. Boerwinkle, EE. Schadt, E. Ingelsson, F. Veglia, F. Rivadeneira, F. Beutner, G. Chauhan, G. Heiss, H. Snieder, H. Campbell, H. Völzke, HS. Markus, IJ. Deary, JW. Jukema, J. de Graaf, J. Price, J. Pott, JC. Hopewell, J. Liang, J. Thiery, J. Engmann, K. Gertow, K. Rice, KD. Taylor, K. Dhana, LALM. Kiemeneij, L. Lind, LM. Raffield, LJ. Launer, LM. Holdt, M. Dörr, M. Dichgans, M. Traylor, M. Sitzer, M. Kumari, M. Kivimäki, MA. Nalls, O. Melander, O. Raitakari, OH. Franco, OL. Rueda-Ochoa, P. Roussos, PH. Whincup, P. Amouyel, P. Giral, P. Anugu, Q. Wong, R. Malik, R. Rauramaa, R. Burkhardt, R. Hardy, R. Schmidt, R. de Mutsert, RW. Morris, RJ. Strawbridge, SG. Wannamethee, S. Hägg, S. Shah, S. McLachlan, S. Trompet, S. Seshadri, S. Kurl, SR. Heckbert, S. Ring, TB. Harris, T. Lehtimäki, TE. Galesloot, T. Shah, U. de Faire, V. Plagnol, WD. Rosamond, W. Post, X. Zhu, X. Zhang, X. Guo, Y. Saba; MEGASTROKE Consortium, A. Dehghan, A. Seldenrijk, AC. Morrison, A. Hamsten, BM. Psaty, CM. van Duijn, DA. Lawlor, DO. Mook-Kanamori, DW. Bowden, H. Schmidt, JF. Wilson, JG. Wilson, JI. Rotter, JM. Wardlaw, J.

Deanfield, J. Halcox, LP. Lyytikäinen, M. Loeffler, MK. Evans, S. Debette, SE. Humphries, U. Völker, V. Gudnason, AD. Hingorani, JLM. Björkegren, JP. Casas, CJ. O'Donnell. *Nat Commun.* 2018;9(1):5141.

99. *A priori-defined Mediterranean-like dietary pattern predicts cardiovascular events better in north Europe than in Mediterranean countries.* F. Veglia, D. Baldassarre, U. de Faire, S. Kurl, AJ. Smit, R. Rauramaa, P. Giral, M. Amato, A. Di Minno, A. Ravani, B. Frigerio, S. Castelnuovo, D. Sansaro, D. Coggi, A. Bonomi, CC. Tedesco, E. Mannarino, SE. Humphries, A. Hamsten, Tremoli E; IMPROVE study group. *Int J Cardiol.* 2018 Nov 29. pii: S0167-5273(18)35681-X. doi: 10.1016/j.ijcard.2018.11.124. [Epub ahead of print] PMID: 305456170

Publications on peer reviewed international journals with Impact factor as member of working groups

100. *Plaque Hypertension Lipid Lowering Italian Study (PHYLLIS): a protocol for non-invasive evaluation of carotid atherosclerosis in hypercholesterolaemic hypertensive subjects.* *Journal of Hypertension* 1993;11(Suppl 5):S314-S315. **Publications as a member of the PHYLLIS study.**
101. *Pravastatin reduces carotid intima media thickness progression in an asymptomatic hypercholesterolemic mediterranean population. The Carotid Atherosclerosis Italian Ultrasound Study (CAIUS).* M. Mercuri, GM. Bond, CR. Sirtori, F. Veglia, G. Crepaldi, FS. Feruglio, G. Descovich, G. Ricci, P. Rubba, M. Mancini, G. Gallus, G. Bianchi, G. D'Alò, A. Ventura. *Am J Med* 1996;101:627-634. **Publications as a member of the CAIUS study.**
102. *Systolic and pulse blood pressures (but not diastolic blood pressure and serum cholesterol) are associated with alterations in carotid intima-media thickness in the moderately hypercholesterolaemic hypertensive patients of the Plaque Hypertension Lipid Lowering Italian Study. PHYLLIS study group.* A. Zanchetti, G. Crepaldi, GM. Bond, G. Gallus, F. Veglia, A. Ventura, G. Mancia, G. Baggio, L. Sampieri, P. Rubba, S. Collatina, E. Serrotti. *Journal of Hypertension* 19(1):79-88, 2001. **Publications as a member of the PHYLLIS study.**
103. *Different Effects of Antihypertensive Regimens Based on Fosinopril or Hydrochlorothiazide With or Without Lipid Lowering by Pravastatin on Progression of Asymptomatic Carotid Atherosclerosis. Principal Results of PHYLLIS—A Randomized Double-Blind Trial.* A. Zanchetti, G. Crepaldi, MG Bond, G. Gallus, F. Veglia, G. Mancia, A. Ventura, G. Baggio, L. Sampieri, P. Rubba, G. Sperti, A. Magni, on behalf of PHYLLIS Investigators. *Stroke.* 2004;35:2807-2812. **Publications as a member of the PHYLLIS study.**
104. *Carotid intima-media thickness progression to predict cardiovascular events in the general population (the PROG-IMT collaborative project): a meta-analysis of individual participant data.* M.W. Lorenz, J.F. Polak, M. Kavousi, E.B. Mathiesen, H. Völzke, T.P. Tuomainen, D. Sander, M. Plichart, A.L. Catapano, C.M. Robertson, S. Kiechl, T. Rundek, M. Desvarieux, L. Lind, C. Schmid, P. DasMahapatra, L. Gao, K. Ziegelbauer, M.L. Bots, S.G. Thompson, on behalf of the PROG-IMT Study Group. *Lancet.* 2012;379(9831):2053-62. **Publications as a member of the PROG-IMT study.**
105. *Multiple imputation for handling systematically missing confounders in meta-analysis of individual participant data.* M. Resche-Rigon, I.R. White, J.W. Bartlett, S.A.E. Peters, S.G. Thompson and on behalf of the PROG-IMT Study Group. *Stat Med.* 2013;32(28):4890-905. **Publications as a member of the PROG-IMT study.**
106. *Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data.* MV. Holmes, CE. Dale, L. Zuccolo, RJ. Silverwood, Y. Guo, Z. Ye, D. Prieto-Merino, A. Dehghan, S. Trompet, A. Wong, A. Cavadino, D. Drogan, S. Padmanabhan, S. Li, A. Yesupriya, M. Leusink, J. Sundstrom, JA. Hubacek, H. Pikhart, DI. Swerdlow, AG. Panayiotou, SA. Borinskaya, C. Finan, S. Shah, KB. Kuchenbaecker, T. Shah, J. Engmann, L. Folkersen, P. Eriksson, F. Ricceri, O. Melander, C. Sacerdote, DM. Gamble, S. Rayaprolu, OA. Ross, S. McLachlan, O. Vikhireva, I. Sluijs, RA. Scott, V. Adamkova, L. Flicker, FM. Bockxmeer, C. Power, P. Marques-Vidal, T. Meade, MG. Marmot, JM. Ferro, S. Paulos-Pinheiro, SE. Humphries, PJ. Talmud, I. Mateo Leach, N. Verweij, A. Linneberg, T. Skaaby, PA. Doevendans, MJ. Cramer, P. van der Harst, OH. Klungel, NF. Dowling, AF. Dominiczak, M. Kumari, AN. Nicolaides, C. Weikert, H. Boeing, S. Ebrahim, TR. Gaunt, JF. Price, L. Lannfelt, A. Peasey, R. Kubinova, A. Pajak, S. Malyutina, MI. Voevoda, A. Tamosiunas, AH. Maitland-van der Zee, PE. Norman, GJ. Hankey, MM. Bergmann, A. Hofman, OH. Franco, J. Cooper, J. Palmen, W. Spiering, PA. de Jong, D. Kuh, R. Hardy, AG. Uitterlinden, MA. Ikram, I. Ford, E. Hyppönen, OP. Almeida, NJ. Wareham, KT. Khaw, A. Hamsten, (on behalf of IMPROVE study

- group) LL. Husemoen, A. Tjønneland, JS. Tolstrup, E. Rimm, JW. Beulens, WM. Verschuren, NC. Onland-Moret, MH. Hofker, SG. Wannamethee, PH. Whincup, R. Morris, AM. Vicente, H. Watkins, M. Farrall, JW. Jukema, J. Meschia, LA. Cupples, SJ. Sharp, M. Fornage, C. Kooperberg, AZ. LaCroix, JY. Dai, MB. Lanktree, DS. Siscovick, E. Jorgenson, B. Spring, J. Coresh, YR. Li, SG. Buxbaum, PJ. Schreiner, RC. Ellison, MY. Tsai, SR. Patel, S. Redline, AD. Johnson, RC. Hoogeveen, H. Hakonarson, JI. Rotter, E. Boerwinkle, PI. de Bakker, M. Kivimaki, FW. Asselbergs, N. Sattar, DA. Lawlor, J. Whittaker, G. Davey Smith, K. Mukamal, BM. Psaty, JG. Wilson, LA. Lange, A. Hamidovic, AD. Hingorani, BG. Nordestgaard, M. Bobak, DA. Leon, C. Langenberg, TM. Palmer, AP. Reiner, BJ. Keating, F. Dudbridge, JP; Casas, InterAct Consortium. *BMJ* 2014;349:g4164. **Publications as a member of the IMPROVE study.**
107. *Inflammatory markers and extent and progression of early atherosclerosis: Meta-analysis of individual-participant-data from 20 prospective studies of the PROG-IMT collaboration.* P. Willeit, SG. Thompson, S. Agewall, G. Bergström, H. Bickel, AL. Catapano, KL. Chien, E. de Groot, JP. Empana, T. Etgen, OH. Franco, B. Iglseider, SH. Johnsen, M. Kavousi, L. Lind, J. Liu, EB. Mathiesen, GD. Norata, MH. Olsen, A. Papagianni, H. Poppert, JF. Price, RL. Sacco, DN. Yanez, D. Zhao, U. Schminke, A. Bülbül, JF. Polak, M. Sitzer, A. Hofman, L. Grigore, M. Dörr, TC. Su, P. Ducimetière, W. Xie, K. Ronkainen, S. Kiechl, T. Rundek, C. Robertson, B. Fagerberg, L. Bokemark, H. Steinmetz, M. Arfan Ikram, H. Völzke, HJ. Lin, M. Plichart, TP. Tuomainen, M. Desvarieux, S. McLachlan, C. Schmidt, J. Kauhanen, J. Willeit, MW. Lorenz, D. Sander; for the PROG-IMT study group. *Eur J Prev Cardiol.* 2014;23:194-205. **Publications as a member of the PROG-IMT study.**
108. *Carotid intima-media thickness progression and risk of vascular events in people with diabetes: results from the PROG-IMT collaboration.* MW. Lorenz, JF. Price, C. Robertson, ML. Bots, JF. Polak, H. Poppert, M. Kavousi, M. Dörr, E. Stensland, P. Ducimetiere, K. Ronkainen, S. Kiechl, M. Sitzer, T. Rundek, L. Lind, J. Liu, G. Bergström, L. Grigore, L. Bokemark, A. Frieria, D. Yanez, H. Bickel, MA. Ikram, H. Völzke, SH. Johnsen, JP. Empana, TP. Tuomainen, P. Willeit, H. Steinmetz, M. Desvarieux, W. Xie, C. Schmidt, GD. Norata, C. Suarez, D. Sander, A. Hofman, U. Schminke, E. Mathiesen, M. Plichart, J. Kauhanen, J. Willeit, RL. Sacco, S. McLachlan, D. Zhao, B. Fagerberg, AL. Catapano, R. Gabriel, OH. Franco, A. Bülbül, F. Scheckenbach, A. Pflug, L. Gao, SG. Thompson. *Diabetes Care.* 2015;38(10):1921-9. **Publications as a member of the PROG-IMT study.**
109. *Normative values for carotid intima media thickness and its progression: Are they transferrable outside of their cohort of origin?* X. Liao, GD. Norata, JF. Polak, CD. Stehouwer, A. Catapano, T. Rundek, M. Ezhov, D. Sander, SG. Thompson, MW. Lorenz; PROG-IMT study group, T. Balakhonova, M. Safarova, L. Grigore, JP. Empana, HJ. Lin, S. McLachlan, L. Bokemark, K. Ronkainen, U. Schminke, L. Lind, P. Willeit, DN. Yanez, H. Steinmetz, H. Poppert, M. Desvarieux, MA. Ikram, SH. Johnsen, B. Iglseider, A. Frieria, W. Xie, M. Plichart, TC. Su, SR. Srinivasan, C. Schmidt, TP. Tuomainen, H. Völzke, G. Nijpels, J. Willeit, OH. Franco, C. Suarez, D. Zhao, P. Ducimetiere, KL. Chien, C. Robertson, G. Bergström, J. Kauhanen, M. Dörr, JM. Dekker, S. Kiechl, M. Sitzer, H. Bickel, RL. Sacco, A. Hofman, EB. Mathiesen, R. Gabriel, J. Liu, G. Berenson, M. Kavousi, JF. Price. *Eur J Prev Cardiol.* 2016;23(11):1165-73. **Publications as a member of the PROG-IMT study.**

Papers published in international journals without impact factor

110. *B-Mode imaging to measure carotid artery wall thickness and its relationship with some risk factors for atherosclerosis.* A. Poli, E. Tremoli, JP. Werba, **D. Baldassarre**. in: Wissler R.W, ed. *Atherosclerotic Plaques: Advances in Imaging for Sequential Quantitative Evaluation.* (NATO Advances Study Institutes Series. Series A: Life Sciences; v.219). New York: Plenum Press, 1991; 63-67.
111. *Effect of triglycerides and triglyceride rich lipoproteins on fibrinolytic system.* E. Tremoli, L. Mannucci, L. Sironi, M. Camera, L. Prati, **D. Baldassarre**, C. Banfi L. Mussoni. In: G. Crepaldi, A. Tiengo, E. Manzato, eds. *Diabetes, obesity and Hyperlipidemia: V. The plurimetabolic syndrome.* Elsevier Science Publishers 1993, 291-298.
112. *Pravastatin intervention trial on carotid artery atherosclerosis in patients with mild hypercholesterolemia: the CAIUS study.* CR. Sirtori, G. Bianchi, GM. Bond, G. D'Alò, G. Gallus, S. Liberatore, M. Mercuri, A. Ventura, on behalf of the CAIUS Research Group. *International Journal of Cardiac Imaging.* 1995;11(Suppl 2):119-124. **Participation as member of the CAIUS study group.**
113. *Correlations of n-3 (omega-3) fatty acid levels with lipoproteins: negative correlation with HDL-C after an oral load.* F. Maggi, C.R. Sirtori, **D. Baldassarre**, P. Risè, C. Galli. *Nutrafoods* (2013) 12:13-16 (DOI) 10.1007/s13749-012-0067-2

<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s13749-012-0067-2>

114. *Impact of cigarette-smoking on the plasma fatty acid profile and their interaction in determining the burden of subclinical atherosclerosis.* D. Baldassarre, M. Amato, B. Frigerio, S. Ghezzi, C. Colombo, S. Castelnuovo, A. Ravani, D. Sansaro, E. Tremoli, CR. Sirtori, P. Risé, C. Galli. *Nutrafoods*. 2014, (DOI) 10.1007/s13749-014-0047-9

Publications on national journals without Impact factor

115. *The non-invasive diagnosis of arteriosclerosis.* D. Baldassarre, M. Amato, L. Piazza, M. Bedetti, CR. Sirtori. *Il Giornale della Arteriosclerosi* 1998;23:25-30.
116. *The role of carotid ecodoppler in primary and secondary prevention.* D. Baldassarre. *MEDICO E PAZIENTE* (information periodic for family doctors) Periodic di informazione per il medico di famiglia). Year XXXIII n.9 November 2007:18-24.
117. *Evaluation and meaning of the thickening of carotid intima media complex (c-IMT) in primary and secondary prevention.* D. Baldassarre. *Italian Journal of Atherosclerosis*. 2011;2(2):19-34.
118. *Biomarcatori farmacogenomici per la predizione di efficacia e sicurezza delle statine.* D. Baldassarre, M. Amato, B. Frigerio, G. Colombo, P.F. Binkley, S.R. Pandey, A.M. Suhy, K. Hartmann, J.P. Kitzmiller. *Giornale italiano dell'arteriosclerosi*. 2013;4(4):23-35. (ISSN 2240-4821)

Chapters of book

119. *Aortic Atherosclerosis as an Embolic Source.* D. Baldassarre, M. Pepi. 2015. DOI:10.1007/978-3-319-09555-4_1. pp.1-64. In *Pharmacotherapy in Aortic Disease - ISBN:978-3-319-09554-7*. In *Current Cardiovascular Therapy* vol. 7.

Abstracts published in international journals with Impact Factor

120. *Plasminogen activator inhibitor type-1 mRNA expression is increased by triglyceride rich lipoproteins in human hepatoma cells.* L. Mussoni, G. Sironi, L. Prati, D. Baldassarre, M. Camera, E. Tremoli. *Thromb Haemost* 1993;69(6):548-548.
121. *Atherogenic lipoproteins and PAI-1 synthesis by endothelial-cells.* M. Camera, L. Mussoni, P. Maderna, L. Prati, G. Sironi, D. Baldassarre, S. Colli, F. Bernini, E. Tremoli. *Thromb Res* 1993;70:s60-s60 Suppl. 1.
122. *The stimulating effect of acetyl low density lipoproteins on PAI-1 in endothelial cells is mediated by the scavenger receptor.* L. Mussoni, C. Banfi, D. Baldassarre, M. Camera, L. Prati, E. Tremoli. *Fibrinolysis* 1994; 8(suppl.1):53.
123. *Mechanism involved in the increased expression of PAI-1 in HepG2 cells treated with very low density lipoproteins.* L. Mussoni, C. Banfi, L. Sironi, D. Baldassarre, L. Prati, E. Tremoli. *Fibrinolysis* 1994;8(suppl.1):119.
124. *Hemostatic variables and progression of common carotid intima-media thickness in patients with peripheral arterial disease.* M. Cortellaro, E. Cofrancesco, C. Boschetti, E. Tremoli, D. Baldassarre. *Thromb Haemost* 1995;73:1384 (abs n° 1855).
125. *Protein-Kinase-C inhibitors and gemfibrozil prevent the enhancing effect of very low density lipoproteins on the biosynthesis of plasminogen activator inhibitor type 1 by HepG2 cells.* E. Tremoli, C. Banfi, L. Sironi, M. Porta, D. Baldassarre, L. Mussoni. *Thromb Haemost* 1995;73:1006(abs n° 409).
126. *Relationship between haemostatic variables and the progression of carotid atherosclerosis.* E. Tremoli, D. Baldassarre, E. Cofrancesco, C. Boschetti, M. Cortellaro. *Fibrinolysis* 1996;10(1):57.
127. *Plasma lipoprotein(a) is an independent risk factor for carotid atherosclerosis especially in the presence of high LDL-cholesterol levels.* D. Baldassarre, E. Tremoli, G. Franceschini, M. Amato, CR. Sirtori. *Atherosclerosis* 1997;133(2):267(5-5).
128. *Pravastatin and functional properties of forearm arteries in hypercholesterolemic patients.* D. Baldassarre, G. Franceschini, M. Amato, CR. Sirtori. *Atherosclerosis* 1997;133(2):266(4-4).
129. *Carotid atherosclerosis and vascular risk factors in patients attending an italian lipid clinic.*

- M. Amato, **D. Baldassarre**, E. Tremoli, CR. Sirtori. *Atherosclerosis* 1997;134(1,2):153.
130. *Pravastatin reduces carotid intima-media thickness progression also in patients showing an unsatisfactory response in terms of LDL-C reduction. The CAIUS study.* **D. Baldassarre**, CR. Sirtori, F. Veglia, C. Gobbi, G. Gallus, for the CAIUS Research Group. *Atherosclerosis* 1997;134(1,2):296.
 131. *Variability sources in carotid ultrasound studies.* F. Veglia, GM. Bond, G. Gallus, on behalf of the CAIUS Research Group. *Atherosclerosis* 1997;134(1,2):271, 3.P349. Partecipazione come membro del gruppo dello studio CAIUS. Participation as member of the CAIUS study group.
 132. *Carotid artery IMT measured with an electronic caliper in patients attending a lipid clinic.* **D. Baldassarre**, M. Amato, E. Tremoli, CR. Sirtori. *Atherosclerosis* 1997;135(1):S6.
 133. *Triglycerides as predictor of tissue activator and of tissue plasminogen activator inhibitor type 1 levels in non obese normo and hypertriglyceridemic subjects.* L. Mussoni, **D. Baldassarre**, L. Mannucci, CR. Sirtori, E. Tremoli. *Atherosclerosis* 1997;135(1):S17.
 134. *Carotid atherosclerosis progression varies according to baseline thickness in placebo and pravastatin treated subjects.* F. Veglia, M. Mercuri, C. Gobbi, A. Fratoni, **D. Baldassarre**, G. Gallus. *Circulation* 1997;96(8):4020.
 135. *Platelet α_2 -adrenergic receptors density in hypercholesterolemia. Relationship with platelet sensitivity to epinephrine.* CR. Sirtori, **D. Baldassarre**, N. Mores, S. Colli, E. Tremoli, P. Preziosi. *Clin Pharm and Therap* 1997;61(2);229: PIV43-PIV43 Feb 1997.
 136. *Additive effect of triglyceride and insulin as determinants of plasminogen activator inhibitor-1 levels in normo and hypertriglyceridemic subjects.* L. Mussoni, **D. Baldassarre**, L. Mannucci, E. Tremoli. *Thromb Haemostasis* 1997;357(suppl) :P1463-P1463.
 137. *Triglyceride as predictor of both t-PA and PAI-1 : Studies in non obese hypertriglyceridemic patients.* L. Mussoni, **D. Baldassarre**. *Fibrinolysis and Proteolysis* 1998;12(1):80.
 138. *The Intima Media Thickness.* **D. Baldassarre**, M. Amato, E. Tremoli, CR. Sirtori. *Atherosclerosis* 2000;151(suppl.1):S6.
 139. *Forearm arterial compliance during reactive hyperemia and atherosclerosis risk factors.* **D. Baldassarre**, M. Amato, CR. Sirtori. *Atherosclerosis* 2000;151(suppl.1):S10.
 140. *B-mode imaging and intima media thickness: analog VS digital technologies.* M. Amato, **D. Baldassarre**, E. Tremoli, CR. Sirtori. *Atherosclerosis* 2000;151(suppl.1):S9.
 141. *Rimodellamento e compliance dell'arteria carotidea, resistenza all'insulina e metabolismo lipidico in pazienti con diabete mellito di tipo 2.* F. Vittone, C. Morizzo, M. Kozàková, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo. *Italian Heart Journal* 2001, 2(suppl.6):132.
 142. *Longevita' dei genitori ed aterosclerosi carotidea.* M. Amato, L. Pustina, S. Castelnuovo, F. Veglia, E. Tremoli, CR. Sirtori, and **D. Baldassarre**. *Italian Heart Journal* 2002;3(suppl.7):39S.
 143. *L'ispessimento Medio-Intimale Delle Carotidi Extracraniche Nel Riconoscimento Del Paziente Con E Senza Eventi Vascolari.* **D. Baldassarre**, E. Grossi, M. Buscema, M. Intraligi, M. Amato, E. Tremoli, L. Pustina, S. Castelnuovo, CR. Sirtori. *Italian Heart Journal* 2002;3(Suppl.7):39S.
 144. *Carotid artery remodeling and compliance, insulin resistance, and lipid metabolism in type 2 diabetic patients.* F. Vittone, C. Morizzo, M. Kozakova, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo. *Journal of Hypertension* 2002;20(Suppl 4);S184-S184:P0749.
 145. *Insulin-resistance and triglycerides as independent predictors of the early macrovascular involvement in type 2 diabetic patients.* F. Vittone, C. Morizzo, M. Kozàková, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo. *Cardiovascular Drugs and Therapy.* 2002;16:70-71.
 146. *Carotid intima media thickness (IMT) and IMT-progression as predictors of vascular events in a high risk european population: "THE IMPROVE STUDY".* **D. Baldassarre** R. Paoletti for the IMPROVE Study Group. *Nutrition, Metabolism and Cardiovascular Diseases* 2004;14:293.
 147. *Relationship between cardiovascular global risk in primary and secondary prevention and carotid atherosclerosis.* S. Castelnuovo, S. Sanvito, L. Gerosa, B. Frigerio, F. Ferrari Bravo, M. Amato, E. Tremoli, CR. Sirtori e **D. Baldassarre**. *Nutrition, Metabolism and Cardiovascular*

- Diseases 2004;14(5):293.
148. *Chronic use of light or heavy cigarettes and carotid IMT.* D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, L. Gerosa, E. Tremoli, CR. Sirtori. *Nutrition, Metabolism & Cardiovascular Disease.* 2005;15(1):S4
 149. *Effect of n-3 fatty acids on carotid atherosclerosis and hemostasis in hypertriglyceridemic patients: a double blind pilot study in primary prevention.* D. Baldassarre, M. Amato, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozàková, E. Tremoli, CR. Sirtori and S. Colli. *Nutrition, Metabolism & Cardiovascular Disease.* 2005;15(1):S4.
 150. *Chronic use of light or heavy cigarettes and carotid IMT.* D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, G. De Giosa, E. Tremoli, CR. Sirtori. *Atherosclerosis* 2006;7(3):259.
 151. *Effect of omega-3 PUFA on carotid IMT and haemostasis in hypertriglyceridemic patients: a longitudinal pilot study in primary prevention.* M. Amato, D. Baldassarre, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozàková, E. Tremoli, CR. Sirtori and S. Colli. *Atherosclerosis.* 2006;7(3):474.
 152. *Carotid intima-media thickness by B-mode ultrasound as a new tool to recognize CAD in patients with no evidences of angiographic narrowings.* M. Amato, P. Montorsi, A. Ravani, E. Oldani, S. Galli, E. Tremoli and D. Baldassarre. *Atherosclerosis.* 2006;7(3):308.
 153. *Smoking habits as determinant of carotid IMT in patients in primary and secondary prevention.* A. De Jong, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Oldani, G. De Giosa, E. Tremoli, CR. Sirtori, D. Baldassarre. *Atherosclerosis* 2006;7(3):258-259.
 154. *Familial aggregation of carotid artery intima media thickness: a three-generation study.* E. Oldani, A. Ravani, M. Amato, E. Tremoli, JP. Werba, D. Baldassarre. *Atherosclerosis.* 2006;7(3):258.
 155. *Intima-media thickness as an additive marker of cardiovascular risk.* D. Baldassarre. *Atherosclerosis.* 2006;7(3):307.
 156. *Inflammatory markers and carotid intima media thickness (C-IMT) in stable IHD patients.* B. Porta, M. Camera, D. Baldassarre, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro. *Atherosclerosis.* 2006;7(3):285.
 157. *Smoking habits as determinant of carotid IMT in gender specific models.* B. Frigerio, S. Castelnuovo, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori, D. Baldassarre. *Atherosclerosis* 2006;7(3):260.
 158. *Parental earliness of CHD and parental history of smoking as determinants of carotid IMT in the progeny.* JP. Werba, M. Amato, E. Oldani, A. Ravani, PG. Massironi, F. Veglia, E. Tremoli, D. Baldassarre. *Atherosclerosis.* 2006;7(3):204.
 159. *Relationship between cardiovascular global risk in primary and secondary prevention and carotid atherosclerosis.* S. Castelnuovo, B. Frigerio, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori and D. Baldassarre. *Atherosclerosis.* 2006;7(3):259.
 160. *Effect of smoking habits on the relationships between atherosclerosis risk factors and carotid IMT.* S. Castelnuovo, B. Frigerio, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori, D. Baldassarre. *Atherosclerosis.* 2006;7(3):324.
 161. *Carotid intima media thickness (IMT) and IMT-progression as predictors of vascular events in a high risk european population: "the IMPROVE study".* E. Tremoli, D. Baldassarre, on behalf of the IMPROVE Group. *Atherosclerosis.* 2006;7(3):42.
 162. *Normal endothelial function in carriers of the apolipoprotein A-Milano mutant despite low HDL cholesterol levels".* M. Gomaschi, D. Baldassarre, M. Amato, S. Eligini, CR. Sirtori, G. Franceschini and L. Calabresi. *Atherosclerosis.* 2006;7(3):152.
 163. *A standardized stimulus augment CRP similarly in patients with a history of stable or unstable CHD.* JP. Werba, PG. Massironi, M. Frigerio, C. Biancardi, M. Amato, D. Baldassarre, F. Veglia, E. Tremoli, M. Camera. *Atherosclerosis.* 2006;7(3):309.
 164. *Tissue factor A-603G genotype associates with carotid intima-media thickness in subjects undergoing cardiovascular risk prevention.* K. Gertow, D. Colnago, M. Amato, JP. Werba, D. Baldassarre, M. Camera, E. Tremoli. *Haematologica: the Hematology Journal.* 2006;91(s2):13.
 165. *Tissue factor A-603G genotype associates with carotid intima-media thickness in subjects undergoing cardiovascular risk prevention.* K. Gertow, D. Colnago, M. Amato, JP. Werba, D.

- Baldassarre, M. Camera, E. Tremoli. *Nutrition, Metabolism & Cardiovascular Disease*. 2006;16(1);S10.
166. *Normal endothelial function in carriers of the apolipoprotein A-IMilano mutant despite low HDL-cholesterol levels*. M. Gomaschi, P. Conca, **D. Baldassarre**, S. Eligini, CR. Sirtori, G. Franceschini, L. Calabresi. *Arteriosclerosis, thrombosis, and vascular biology*. 2007;27(6)E120-E120.
 167. *Skin autofluorescence is associated with intima media thickness and complements commonly used cardiovascular risk scores*. DJ. Mulder, PL. Van Haelst, R. Graaff, RO. Gans, F. Zijlstra, **D. Baldassarre**, AJ. Smit. *Atherosclerosis* 2007;8(1)106-106.
 168. *E-selectin and TFPI are associated with carotid intima-media thickness in stable coronary patients : the baseline findings of the MIAMI Study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro. *Journal of Thrombosis and Haemostasis* 2007;5(S1).S450-S450.
 169. *Association of Tissue Factor a-603g genotype with carotid intima-media thickness in subjects in cardiovascular risk prevention*. K. Gertow, D. Colnago, M. Amato, JP. Werba, **D. Baldassarre**, M. Camera, E. Tremoli. *Journal of Thrombosis and Haemostasis* 2007;suppl 2,P-S-015.
 170. *E-Selectina e l'inibitore del fattore tissutale (TFPI) correlano con l'ispessimento medio-intimale carotideo (C-IMT) in pazienti con malattia ischemica coronarica in fase di stabilit  clinica : risultati basali dello Studio MIAMI*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro. *Internal and Emergency Medicine* 2007;2:s148-s148.
 171. *Effetti di Atorvastatina su markers solubili aterosclerosi carotidea: Risultati dello Studio MIAMI*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro. *Internal and emergency medicine* 2007;2:s149-s149.
 172. *Light or heavy cigarettes consumption and carotid atherosclerosis*. S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S5 (abs 17).
 173. *Effect of cigarette smoking on carotid IMT and FRS*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S10 (abs 36).
 174. *Algorithm developed by the Italian "Istituto Superiore di Sanit " (Cuore Risk Score): assessment of its capacity to predict global cardiovascular risk in dyslipidemic patients*. S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S5 (abs 16).
 175. *The MIAMI Study (markers of inflammation and atorvastatin effect in previous myocardial infarction): results of a prospective, open-label, multicenter study*. M. Amato, **D. Baldassarre**, B. Porta, M. Camera, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S1 (abs 3).
 176. *Normal endothelial function despite low HDL-cholesterol levels in carriers of the apolipoprotein A-IMilano mutant*. M. Gomaschi, **D. Baldassarre**, M. Amato, S. Eligini, P. Conca, CR. Sirtori, G. Franceschini, L. Calabresi. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S12 (abs 43).
 177. *Familial aggregation of carotid artery Intima Media Thickness: a three-generation study*. A. Ravani, M. Amato, E. Tremoli, JP. Werba, **D. Baldassarre**. *Nutrition, Metabolism and Cardiovascular Diseases*, 2007;18(1):S20-S21 (abs 78).
 178. *The biochemical and cardiovascular consequences of LCAT deficiency*. L. Calabresi, **D. Baldassarre**, E. Moleri, P. Conca, S. Castelnuovo, G. Franceschini. *Atherosclerosis* 2008;9/1:29. (abs PO6-48)
 179. *Association between lipid peroxidation and carotid artery intima media thickness (IMT) in a European population study (IMPROVE PROJECT)*. J. Karppi, K. Nyss nen, T. Nurmi, T. Kananen, **D. Baldassarre**, R. Rauramaa, U. de Faire, AJ. Smit, E. Mannarino, P. Giral, E. Tremoli. *Atherosclerosis* 2008;9/1:148 (abs PO32-536).
 180. *Carotid intima media thickness as marker of atherosclerosis: results of the IMPROVE study*. E. Tremoli, **D. Baldassarre**, R. Paoletti, R. Rauramaa, K. Nyss nen, U. de Faire, A. Hamsten, AJ. Smit, E. Mannarino, P. Giral, E. Grossi. *Atherosclerosis* 2008;9/1:213 (abs PO49-789).

181. *The metabolic syndrome does not add to carotid atherosclerosis beyond that expected by risk factor counting or risk scoring.* D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, JP. Werba. *Nutrition, Metabolism and Cardiovascular Diseases*, 2008;18(1):S36.
182. *Chronic use of light or regular cigarettes and flow mediated dilation.* M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, E. Tremoli, CR. Sirtori, D. Baldassarre. *Nutrition, Metabolism and Cardiovascular Diseases*, 2008;18(1):S35-S36.
183. *Light and regular cigarettes consumers and endothelial dysfunction.* S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, D. Baldassarre. *Nutrition, Metabolism and Cardiovascular Diseases*, 2008;18(1):S39.
184. *Smoking habits as determinant of carotid IMT in patients in primary and secondary prevention.* B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, D. Baldassarre. *Nutrition, Metabolism and Cardiovascular Diseases*, 2008;18(1):S47.
185. *The negative correlation between flow-mediated dilation (FMD) and arterial size may be ascribed to a mathematical artefact.* CC. Tedesco, F. Veglia, M. Amato, A. Ravani, E. Tremoli, D. Baldassarre. *Nutrition, Metabolism and Cardiovascular Diseases*, 2008;18(1):S63
186. *The MIAMI Study: Markers of inflammation and atorvastatin effect in previous myocardial infarction): results of a prospective, multicenter study.* B. Porta, D. Baldassarre, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro, F. Perego. *Journal of Clinical Lipidology*, 2008;2(5S):S91-S92 (Abs 197)
187. *Determinants of carotid intima media thickness (IMT) in a high risk European population: baseline results of the IMPROVE study.* D. Baldassarre, E. Tremoli, IMPROVE Study Group. *Atherosclerosis Supplement*, 2009;10(2):e951.
188. *Carotid IMT measurements: a comparison between s-VHS or CD-ROM recorded ultrasonic scans.* S. Castelnuovo, E. Tremoli, D. Baldassarre, IMPROVE Study Group. *Atherosclerosis Supplement*, 2009;10(2):e1044.
189. *Common carotid artery diameter as a marker of cardiovascular risk: preliminary results of the IMPROVE study.* M. Amato, D. Baldassarre, E. Tremoli, IMPROVE Study Group. *Atherosclerosis Supplement*, 2009;10(2):e232.
190. *Associations between carotid artery intima media thickness, leukocytes and high sensitive c reactive protein in a high risk european population.* E. Tremoli, D. Baldassarre. *Atherosclerosis Supplement*, 2009;10(2):e74.
191. *Light or regular cigarettes consumption: effect on endothelial function.* B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, D. Baldassarre. *Atherosclerosis Supplement*, 2009;10(2):e1046.
192. *L-arginine does not improve endothelial function in patients with metabolic syndrome.* A. Ravani, M. Amato, S. Castelnuovo, B. Frigerio, V. Cavalca, JP. Werba, I. Squellerio, E. Tremoli, D. Baldassarre. *Atherosclerosis Supplement*, 2009;10(2):e1363.
193. *Strong association between subclinical atherosclerosis and type of occupation in 3711 high risk European individuals.* F. Veglia, CC. Tedesco, K. Nyssönen, D. Baldassarre, M. Amato, R. Rauramaa, U. de Faire, A. Hamsten, AJ. Smit, E. Mannarino, S. Humphries, P. Giral and E. Tremoli, on behalf of the IMPROVE Group. *European Heart Journal*, 2009;30(1):521-521
194. *Carotid diameter improves the carotid IMT capacity to predict coronary events. Data from the IMPROVE study.* D. Baldassarre, M. Amato, E. Tremoli, on behalf of the IMPROVE study group. *The Journal of Heart Disease*, 2010;7(1):61 (abs n. 243)
195. *Carotid intima-media thickness by B-mode ultrasound as surrogate of coronary atherosclerosis.* M. Amato, P. Montorsi, A.L. Ravani, S. Galli, P.M. Ravagnani, E. Tremoli, D. Baldassarre. *The Journal of Heart Disease*, 2010;7(1):119 (abs n.474).
196. *Interadventitia Common carotid artery diameter improves carotid IMT ability to predict coronary events. Data from the IMPROVE study: "Carotid Intima Media Thickness (IMT) and IMT Progression as Predictors of Vascular Events in a High Risk European Population".* E. Tremoli, K. Nyssönen, R. Rautamaa, U. De Faire, A. Hamsten, A.J. Smith, E. Mannarino, S.E. Humphries, P. Giral, E. Grossi, F. Veglia, R. Paoletti, D. Baldassarre on behalf of the IMPROVE Group. *Arterioscler Thromb Vasc Biol* 2010, 30:e200.
197. *Common carotid intima-media thickness in high-risk patients in Russia and european populations.* Sobenin, V. Myasoedova, T. Kirichenko, E. Anisimova, S. Castelnuovo, M. Amato,

- B. Frigerio, A. Ravani, A. Orekhov, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Study Group. *Atherosclerosis*. Supplement. 11:2(2010), pp. P55-P55.
198. *The Fastest Progression of Carotid Intima Media Thickness is associated with increased vascular events (the IMPROVE Study)*. **D. Baldassarre**, F. Veglia, E. Tremoli, on behalf of the IMPROVE Group. *Circulation*. 122:Suppl. 21(2010), p. A20626.
 199. *The association of tobacco smoke with subclinical atherosclerosis and atherosclerosis progression is stronger in women than in men*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, CC. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuovo, **D. Baldassarre** on behalf of the IMPROVE Group. *Circulation* 122:suppl. 21(2010), p. A20608.
 200. *A proposed innovative approach to compute individual carotid intima-media thickness progression*. F. Veglia, **D. Baldassarre**, M. Amato, A. Ravani, D. Sansaro, CC. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuovo, E. Tremoli, on behalf of the IMPROVE Group. *Circulation* 122:Suppl. 21(2010), p. A21313.
 201. *Biomarkers of inflammation and oxidative stress independently predict the progression of subclinical atherosclerosis*. DJ. Mulder, JD. Lefrandt, E. Tremoli, **D. Baldassarre**, AJ. Smit, on behalf of the IMPROVE Study Group. *Atherosclerosis*, 2011;Suppl.12(1):108.
 202. *The fastest progression of carotid intima media thickness is associated with increased vascular events in the IMPROVE study*. **D. Baldassarre**, F. Veglia, E. Tremoli, on behalf of the IMPROVE Study Group. *Atherosclerosis*, 2011;Suppl.12(1):174
 203. *Fastest IMT progression: a novel marker to analyze the evolution of carotid intima-media thickness*. F. Veglia, **D. Baldassarre**, M. Amato, A. Ravani, D. Sansaro, CC. Tedesco, A. Discacciati, B. Frigerio, E. Tremoli, on behalf of the IMPROVE Study Group. *Atherosclerosis*, 2011;Suppl.12(1):175
 204. *The association of tobacco smoke with subclinical atherosclerosis and atherosclerosis progression is stronger in women than in men*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuovo, **D. Baldassarre**, on behalf of the IMPROVE Study Group. *Atherosclerosis*, 2011;Suppl.12(1):172
 205. *Gender differences in the association of tobacco smoke and social class with subclinical atherosclerosis and atherosclerosis progression*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, S. Castelnuovo and **D. Baldassarre**, on behalf of the IMPROVE Study group. *European Heart Journal*, 2011;32(Suppl.1):497-498.
 206. *Serum 25-hydroxyvitamin D relationships to carotid intima-media thickness (cIMT) and cIMT progression in a European high-risk population*. A. Deleskog, O. Pikasova, C-G. Östenson, **D. Baldassarre**, F. Veglia, E. Tremoli, J. Öhrvik, A. Hamsten, on behalf of the IMPROVE study group. *European Heart Journal*. 2012; 33(1): 509
 207. *Low levels of IgM antibodies against phosphorylcholine (anti-PC) increase the risk of ischemic cardiovascular events among European men at high risk of cardiovascular events*. B. Gigante, K. Leander, M. Vikström, K. Gertow, R. Strawbridge, B. Sennblad, F. Veglia, **D. Baldassarre**, S. Shah, D. Zabaneh, S. Humphries, E. Tremoli, A. Hamsten, J. Frostegård, U. de Faire for the IMPROVE Study Group. *European Heart Journal*. 2012; 33(1): 810
 208. *Prediction of cardiovascular events in a European high-risk population by an easily measured metabolic index*. J. Öhrvik, K. Gertow, R. Strawbridge, B. Sennblad, A. Silveira, **D. Baldassarre**, B. Gigante, E. Tremoli, U. De Faire, A. Hamsten. *European Heart Journal*. 2012; 33(1): 360.
 209. *PGE2 cigarette smoke-induced modulates endothelial tissue factor: role of EP1 receptor and SIRT1*. P. Amadio, S.S. Barbieri, **D. Baldassarre**, E. Tarantino, M. Amato, A. Ravani, B. Weksler and E. Tremoli. *Journal of Thrombosis and Haemostasis*. 2013;11(2):379. PA 2.15-5.
 210. *The comparative study of common carotid intima-media thickness in Russian and Italian high-risk individuals*. I. Sobenin, V. Orekhova, Y. Bobryshev, A. Orekhov, V. Myasoedova, A. Ravani, E. Tremoli, **D. Baldassarre** *Atherosclerosis* 08/2014; 235(2):e233. DOI: 10.1016/j.atherosclerosis.2014.05.694
 211. *Proinsulin in early atherosclerosis: causal factor or bystander?* R.J. Strawbridge, A. Silveira, P. Gustafsson, K. Gertow, **D. Baldassarre**, F. Veglia, S. Humphries, U. de Faire, E. Tremoli, A. Hamsten, the IMPROVE study group. *Diabetologia* 2014;7:S101-S101.
 212. *Chemokines and Carotid Intima-Media Thickness in a European Population at High Risk for Cardiovascular Events: Results From the IMPROVE Study*. I.M. Velasquez, A. Malarstig, R.J. Strawbridge, **D. Baldassarre**, F. Veglia, K. Leander, A. Silveira, R. Rauramaa, A.J. Smit,

- P. Giral, E. Mannarino, E. Tremoli, S.E. Humphries, A. Linden, A. Hamsten, U. de Faire, B. Gigante. *Circulation* 2016;134(S1):abs:13512
213. *Identification of NCF4 as a Novel Regulator in Arterial Remodeling and Advanced Atherosclerosis*. A. Backlund, K. Gertow, H. Jin, L. Olsson, M. Gonzalez-Diez, M. Sabater-Lleal, R.J. Strawbridge, B. Sennblad, J. Ohrvik, D. Zabaneh, S. Shah, F. Veglia, L. Folkersen, B. Gigante, K. Leander, M. Vikstrom, A. Silveira, G.I. Colombo, A. Gabrielsen, U. Hedin, A. Franco-Cereceda, G. Paulsson-Berne, K. Nyssonen, TP. Tuomainen, K. Savonen, R. Rauramaa, A.J. Smit, P. Giral, E. Mannarino, SW. van der Laan, G. Pasterkamp, GK. Hansson, P. Eriksson, **D. Baldassarre**, E. Tremoli, U. de Faire, SE. Humphries, A. Hamsten, R. Holmdahl, L. Maegdefessel, *Arteriosclerosis Thrombosis and Vascular Biology* 2017;37(S1):Abs: 23.
214. *A simplified score for adherence to a Mediterranean dietary pattern predicts carotid atherosclerosis progression*. **D. Baldassarre**, U. De Faire, S. Kurl, A.J. Smit, R. Rauramaa, P. Giral, M. Amato, D. Sansaro, D. Coggi, C.C. Tedesco, E. Mannarino, S.E. Humphries, A. Hamsten, E. Tremoli, F. Veglia. *Eur Heart J. European Heart Journal*. 2018; 39 (suppl 1). P623
215. *Interleukin 8 (IL-8), but not GRO- α , associates with carotid intima-media thickness. Results from the IMPROVE study*. I. Moreno Velasquez, A. Malarstig, **D. Baldassarre**, A. Silveira, F. Veglia, K. Leander, E. Tremoli, S. Humphries, A. Linden, A. Hamsten, U. De Faire, R.J. Strawbridge, B. Gigante. *European Heart Journal*. 2018; 39 (suppl 1). P3645
216. *Patients with aortic valve sclerosis show a different circulating miRNA profile compared to healthy subject*. P. Songia, M. Chiesa, V. Myasoedova, P. Gripari, V. Valerio, S. Montanari, D. Moschetta, M. Pepi, G.I. Colombo, **D. Baldassarre**, P. Poggio. *European Heart Journal*. 2018; 39 (suppl 1). P5448

Online Publications

217. Commentary on the Web site of Society of Heart Attack prevention and eradication (SHAPE) <http://www.shapesociety.org/> Title: *Effects of Timing and Extent of Smoking, Type of Cigarettes, and Concomitant Risk Factors on the Association Between Smoking and Subclinical Atherosclerosis*. **D. Baldassarre**, S. Castelnuovo, B. Frigerio, M. Amato, JP. Werba, A. De Jong, A. Ravani, E. Tremoli, CR. Sirtori. June 2009 http://www.shapesociety.org/June_Shape_Points/
218. Commentary on the Web site of the International Atherosclerosis Society (IAS) <http://www.athero.org>. Title: *Is the consumption of light cigarettes a valid alternative to smoking cessation?* **D. Baldassarre**. September 2009 <http://www.athero.org/comm-index1.asp#9>
219. Abstract published on Atlas of Science website. <http://atlasofscience.org/> Title: *Cigarette smoke enhances the release of proteins that modulates pro-thrombotic mediators in vascular cells*. P. Amadio, **D. Baldassarre**, E. Tremoli, SS. Barbieri. December 2015 <http://atlasofscience.org/smoking-enhances-the-release/>

Abstracts published in international journals without Impact Factor

220. *In vivo imaging of human arteries in atherosclerosis research*. A. Poli, E. Tremoli, **D. Baldassarre**, JP. Werba. *Annales de Biologie Clinique* vol 50 / NO 6-7-1992 422.
221. *Carotid intima media thickness as marker of atherosclerosis: results of the IMPROVE Study*. E. Tremoli, **D. Baldassarre** on behalf of the IMPROVE Group. *Journal of Clinical Lipidology*. 2007;1(5):383-384 (abs 159).
222. *Common carotid artery diameter as a promising new candidate marker of cardiovascular risk in the IMPROVE study cohort*. **D. Baldassarre**, E. Tremoli. on behalf of the IMPROVE Group. *Journal of Clinical Lipidology*. 2007;1(5):384 (abs 161).
223. *The MIAMI study (Markers of Inflammation and Atorvastatin effect in previous Myocardial Infarction): results of a prospective, open-label, multicenter study*. M. Amato, **D. Baldassarre**, B. Porta, M. Camera, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro on behalf of the MIAMI Study Group. *Journal of Clinical Lipidology*. 2007;1(5):353 (abs 99).
224. *Light or heavy cigarettes consumption and carotid atherosclerosis*. B. Frigerio, S.

- Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Journal of Clinical Lipidology*. 2007;1(5):407 (abs 206).
225. *Effect of cigarette smoking on carotid IMT and FRS*. S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Journal of Clinical Lipidology*. 2007;1(5):407 (abs 205).
226. *Negative correlation between flow-mediated dilation (FMD) and arterial size: true association or mathematical artefact?* F. Veglia, M. Amato, A. Ravani, E. Tremoli and **D. Baldassarre**. *Journal of Clinical Lipidology*. 2007;1(5):404 (abs 199).
227. *The metabolic syndrome does not add to carotid atherosclerosis beyond that expected by risk factor counting or risk scoring*. JP. Werba, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli and **D. Baldassarre**. *Journal of Clinical Lipidology*. 2007;1(5):330(abs 52).
228. *Cigarette smoke affects plasma fatty acid levels: an in vivo study*. P. Risè, S. Grezzi, S. Mattavelli, C. Manzoni, **D. Baldassarre**, D. Caruso, C. Galli. *Journal of Clinical Lipidology*. 2007;1(5):392(abs 177).

Abstracts published in national journals without Impact Factor

229. *Longevità dei genitori ed aterosclerosi carotidea*. M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Giornale della Arteriosclerosi* 2000; 25: 44.
230. *Colesterolo HDL e aterosclerosi carotidea*. **D. Baldassarre**, E. Tremoli, M. Amato, CR. Sirtori, G. Franceschini. *Giornale della Arteriosclerosi* 2000; 25: 47.
231. *Vasodilatazione post-ischemica: metodo di misurazione in continuo vs misurazione non in continuo*. L. Pustina, M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre**. *Giornale della Arteriosclerosi* 2000; 25: 118.
232. *Markers infiammatori solubili ed evoluzione della placca aterosclerotica: effetto del trattamento con statina a dosi moderate in pazienti con cardiopatia ischemica stabile: studio MIAMI*. B. Porta, M. Arquati, M. Camera, **D. Baldassarre**, M. Amato, E. Tremoli, M. Cortellaro (2005). *Annali Italiani di Medicina Interna. Supplemento*, vol. 20, p. 122S, ISSN: 1122-0538
233. *Soluble E-Selectin and Tissue Factor pathway inhibitor, but not C-Reactive protein, correlate with carotid intima-media thickness (C-IMT) in stable coronary patients: the baseline data of the MIAMI Study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro on behalf of the MIAMI Study Group. (2006). *Haematologica*, vol. 91, ISSN: 0390-6078
234. *Plasma cholesteryl ester transfer protein (CETP) and carotid intima-media thickness in european individuals at high cardiovascular risk*. S. Simonelli, **D. Baldassarre**, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, F. Veglia, G. Franceschini, E. Tremoli, L. Calabresi on behalf of the IMPROVE study. *Giornale italiano dell'arteriosclerosi*. 2012;3(4):79.
235. *Is the enlargement of brachial artery diameter a novel marker of atherosclerotic risk?* M. Amato, D. Sansaro, A.L. Ravani, B. Frigerio, S. Castelnuovo, F. Veglia, E. Tremoli and **D. Baldassarre**. *Giornale italiano dell'arteriosclerosi*. 2013;4(4):74-75. (ISSN 2240-4821)
236. *The effects of tobacco smoke and of the social class on carotid intima media thickness (c-IMT) and on c-IMT progression are stronger in women than in men*. **D. Baldassarre**, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, and E. Tremoli, on behalf of the IMPROVE Study group. *Giornale italiano dell'arteriosclerosi*. 2013;4(4):76. (ISSN 2240-4821)
237. *Carotid artery intima-media thickness in children with primary dyslipidemia*. P. Cagliero, B. Frigerio, **D. Baldassarre**, O. Guardamagna. *Giornale italiano dell'arteriosclerosi*. 2014;5;(4):74. (ISSN 2240-4821)

Papers published in international congress abstract books

238. *Triglycerides and the fibrinolytic system: in vitro regulation of the synthesis of plasminogen activator type 1 by triglyceride rich lipoproteins in HepG2 cells*. E. Tremoli, L. Sironi, M. Camera, L. Prati, C. Banfi, **D. Baldassarre**, L. Mussoni. *Proceedings of Xth International Symposium on Atherosclerosis*. Montreal, October 1994 Elsevier Science Publishers.

1995:797-800.

239. *Triglycerides and the fibrinolytic system*. E. Tremoli, L. Sironi, M. Camera, L. Mannucci, L. Prati, C. Banfi, **D. Baldassarre**, L. Mussoni. Proceedings of III International Symposium on Multiple Risk Factor in Cardiovascular Disease. Florence, 1994 Kluwer Academic Publishers. 1995:379-384.
240. *The role of measurement of IMT by B-mode ultrasound for epidemiological and pharmacological trials in atherosclerosis*. A. Faggiotto, **D. Baldassarre**, R. Paoletti. Proceedings of XXIst Congress of the European Society of Cardiology. Barcelona (Spain), September 1999.

Papers published in national congress abstract books

241. *Acidi grassi della serie n-3 e aterosclerosi*. E. Tremoli, S. Eligini, **D. Baldassarre**, L. Prati, G. Mainardi, C. Galli. In: News concerning: Cardiovascular Aspects of Hypertension. Acts of IV Update Corse. Bormio, February, 1992. Milan: Farmitalia Carlo Erba, 1992; 207-211.
242. *Effetto della LDL-aferei sulla compliance arteriosa di pazienti con ipercolesterolemia familiare*. **D. Baldassarre**, G. Busnach. Acts of VI National Congress: Atherogenic risk factors. Siena, 1998; 91-108.
243. *Introduzione alle problematiche della placca arteriosclerotica*. R. Paoletti, **D. Baldassarre**. Acts of VIII National Congress: Atherogenic risk factors. Siena, 2000; 3-22.

Presentations

ORAL PRESENTATIONS AT MEETINGS AS INVITED SPEAKERS

Oral presentations at international meetings as invited speakers

- V INCONTRO LUSO-ITALIANO. Coimbra (Lisbon) - Portugal, September 1998. *B-Mode ultrasound imaging: prospective investigation of carotid atherosclerosis*. **D. Baldassarre**, M. Amato, L. Piazza.
- NEW ADVANCES IN ATHEROSCLEROSIS PREVENTION AND TREATMENT: 25 years of activity of the Center Enrica Grossi Paoletti. Milan, October 1998. *Carotid atherosclerosis: pharmacological modulation*. **D. Baldassarre**, M. Amato, L. Piazza, M. Bedetti, E. Tremoli, CR. Sirtori.
- XIV INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. New York - USA, September 2001. *Intima media thickness and vascular risk factors for the recognition of patients at high risk of atherosclerosis* **D. Baldassarre**, M. Amato, L. Pustina, M. Buscema, E. Grossi, M. Intraligi, CR. Sirtori, E. Tremoli, R. Paoletti.
- Artificial Intelligence (AI) Meets R&D fears and opportunities: the future creates the present. One year into the bracco-semeion partnership. Milan, January 2002. *Artificial neural networks in the recognition of patients at high risk of cardiovascular disease*. **D. Baldassarre**, M. Amato, CR. Sirtori, E. Tremoli, L. Pustina, S. Castelnuovo, E. Grossi, M. Buscema, M. Intraligi.
- XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Intima-media thickness as an additive marker of cardiovascular risk*. **D. Baldassarre**.
- EUROECHO 2007 Lisbon (Portugal), December 5-8, 2007. *Intima media thickness measurement and atherosclerosis*. **D. Baldassarre**.
- 23rd MEETING OF THE EUROPEAN SOCIETY FOR NONINVASIVE AND PREVENTIVE CARDIOLOGY (Former ESNICVD). CARDIOVASCULAR MEDICINE IN THE ERA OF ADVANCED TECHNOLOGY. Brescia, May 21-23, 2009. *How to use arterial imaging in primary prevention setting*. **D. Baldassarre**, M. Amato and E. Tremoli.
- Society of Atherosclerosis Imaging and Prevention (SAIP) Annual Scientific Sessions 2011. Bethesda, (USA) April 15-17, 2011. *Atherosclerosis Imaging-Clinical: Serial CIMT imaging. Present Status, the IMPROVE Trial*. **D. Baldassarre**, on behalf of the IMPROVE Group.
- Society of Atherosclerosis Imaging and Prevention (SAIP) Annual Scientific Sessions 2011. Bethesda, (USA) April 15-17, 2011. *Controversies in Atherosclerosis Imaging: Serial CIMT Imaging and Plaque Quantitation*. **D. Baldassarre**, on behalf of the IMPROVE Group.
- ESC 2016 - 25th European Stroke Conference (Symposium: Watching the risk symposium the 6th: intima media thickness and carotid plaque in primary prevention). Venice, 13-15 April, 2016. *CAC score, IMT and Carotid total plaque area: personalized medicine to predict CVD?* **D.**

Baldassarre**Oral presentations at national meetings as invited speakers**

11. III NATIONAL CONGRESS: ATHEROGENIC RISK FACTORS. Siena, 2000; 69-90. *Diagnostica non invasiva dell'arteriosclerosi carotidea: aspetti metodologici nella clinica e nella ricerca*. D. Baldassarre, M. Amato. THE CARDIOVASCULAR ISCHEMIC DISEASE: "INFLAMMATION AND ATHEROTHROMBOSIS". Milan, February 2004. *Bio-imaging techniques and markers of plaque evolution. B-mode ultrasonography: intima media thickness (IMT)*. D. Baldassarre.
12. THE CARDIOVASCULAR ISCHEMIC DISEASE: "INFLAMMATION AND ATHEROTHROMBOSIS". Milan, February 2004. *Bio-imaging techniques and markers of plaque evolution. B-mode ultrasonography: intima media thickness (IMT)*. D. Baldassarre.
13. XVIII NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Palermo, 26-29 Novembre 2004. *Carotid intima media thickness (IMT) and IMT progression as predictors of vascular events in a high risk European population: "The IMPROVE Study"*. D. Baldassarre, and R. Paoletti for the "IMPROVE Study Group".
14. Regional meeting ANCE Lombardia (Peripheral arterial disease: why the cardiologist should deal of it?) Milan, November 2006. *Carotid IMT as a marker of atherotrombosis*. D. Baldassarre.
15. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Carotid atherosclerosis: baseline results of the IMPROVE study*. D. Baldassarre, E. Tremoli, on behalf of the IMPROVE Study Group.
16. II NATIONAL MEETING SISA (Italian Society for the study of Atherosclerosis), SINUPE (Italian Society of pediatric nutrition) & SIP (Italian Society of pediatrics). ATHEROSCLEROSIS IN CHILDREN AND IN ADULTS. Turin, March 16-17, 2007. *"The instrumental diagnosis"*. D. Baldassarre.
17. LCAT deficiency in Italy: Genetic, clinic and therapeutical implications. Milan, March 1, 2008. *LCAT deficiency and cardiovascular risk*. D. Baldassarre.
18. Annual Meeting of the Study Group "Diabetes and atherosclerosis" of the Italian Society of Diabetology. Tirrenia (PI), February 20-21, 2009. *Intima media thickness in the prediction of cardiovascular disease*. D. Baldassarre.
19. Convegno Regionale ANCE Lombardia (Cuore e Stroke) Milan, June 12, 2010. *The intimal mean thickness (IMT) of carotid as surrogate indexes of cardiovascular events in intervention studies*. D. Baldassarre.
20. XXIV National Congress of the Italian Society for the Study of atherosclerosis. Rome 24 to 27 November 2010. *Vascular ultrasound*. D. Baldassarre.
21. THE ISCHEMIC HEART DISEASE IN THE THIRD MILLENNIUM: IT'S TIME FOR REFLECTION. Milan. June 10, 2011. *Carotid intimal-medial thickness: valuable tool for clinical practice or just another research "gadget"?* D. Baldassarre.
22. Italian Society for the Study of atherosclerosis (SISA) Annual Conference - Section Umbria. Perugia. July 5, 2014. *What have we learned from the Improve study?* D. Baldassarre, Mauro Amato on behalf of the IMPROVE study group.

ORAL PRESENTATIONS AT MEETINGS**Oral presentations at international meetings**

23. INTERNATIONAL SYMPOSIUM ON THE LIPID TRIAD (TRIGLYCERIDES, HDL, LDL) AND CARDIOVASCULAR DISEASES Milan, July 1993. *Correlation between plasma lipoprotein(a) levels and intimal medial thickness of common carotid arteries*. D. Baldassarre, A. Poli, E. Tremoli, F. Dorigotti, JP. Werba, G. Franceschini, CR. Sirtori, R. Paoletti.
24. 30° CONVEGNO INTERNAZIONALE PROMOSSO DAL CENTRO "A. DE GASPERIS" (Simposio LIPIDI E PREVENZIONE CARDIOVASCOLARE: OBIETTIVI E LIMITI). Milan, September 1996. *Ultrasound study of the vascular effects of hypercholesterolemia*. D. Baldassarre, A. Milazzo.

25. 11° CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA PER LO STUDIO DELL'ARTERIOSCLEROSI. Vibo Valentia, Dicembre 1997. *Carotid artery IMT measured with an electronic caliper in patients attending a lipid clinic*. D. Baldassarre, M. Amato, E. Tremoli, CR. Sirtori.
26. 6th INTERNATIONAL SYMPOSIUM ON GLOBAL RISK OF CORONARY HEART DISEASE AND STROKE: ASSESSMENT, PREVENTION, AND TREATMENT. Florence, June 12-15, 2002. *B-mode ultrasound measurements of carotid intima media thickness and the assessment of global cardiovascular risk*. D. Baldassarre, L. Pustina, M. Amato, M. Buscema, E. Grossi, M. Intraligi, E. Tremoli, CR. Sirtori
27. ESC CONGRESS 2003 Vienna (Austria), August 30 - September 3, 2003. *Is carotid intima media thickness a clinical marker of evolutive atherosclerotic disease?* D. Baldassarre.
28. XVth international symposium of DRUG AFFECTING LIPID METABOLISM. Venice, October 24-27, 2004. *Measurement of carotid artery intima-media thickness improves the power of traditional risk factors to predict cardiovascular events*. D. Baldassarre, M. Amato, L. Pustina, S. Castelnuovo, S. Sanvito; L. Gerosa, F. Veglia, S. Keidar, E. Tremoli, CR. Sirtori.
29. INTIMA MEDIA THICKNESS OF CAROTID ARTERIES: LESSONS FROM THE IMPROVE STUDY. Milan, September 7, 2007. *Toward the IMPROVE study*. D. Baldassarre.
30. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Common carotid artery diameter as a promising new candidate marker of cardiovascular risk in the IMPROVE study cohort*. D. Baldassarre, E. Tremoli. on behalf of the IMPROVE Group.
31. 8th INTERNATIONAL CONGRESS ON CORONARY ARTERY DISEASE: FROM PREVENTION TO INTERVENTION (ICCAD). Prague (Czech Republic), October 11-14, 2009. *Baseline determinants of carotid intima media thickness (IMT) in a high risk European population: the baseline results of the IMPROVE study*. D. Baldassarre, E. Tremoli, on behalf of the IMPROVE Group.
32. ARTERIOSCLEROSIS, THROMBOSIS, AND VASCULAR BIOLOGY 2010 SCIENTIFIC SESSIONS. San Francisco, California, April 8-10, 2010. *Inter adventitia Common carotid artery diameter improves carotid IMT ability to predict vascular events. Data from the IMPROVE study: "Carotid Intima Media Thickness (IMT) and IMT Progression as Predictors of Vascular Events in a High Risk European Population"*. Damiano Baldassarre on behalf of the "IMPROVE Study Group".
33. 15th WORLD CONGRESS ON HEART DISEASE - INTERNATIONAL ACADEMY OF CARDIOLOGY - ANNUAL SCIENTIFIC SESSIONS 2010. Vancouver (Canada), July 24-27, 2010. *Carotid diameter improves the carotid IMT capacity to predict coronary events. Data from the IMPROVE study*. D. Baldassarre, M. Amato, E. Tremoli, on behalf of the IMPROVE Study Group.
34. AMERICAN HEART ASSOCIATION SCIENTIFIC SESSIONS 2010. Chicago (USA), November 13-17, 2010. *The Fastest Progression of Carotid Intima Media Thickness is associated with increased vascular events (the IMPROVE Study)*. D. Baldassarre, F. Veglia, E. Tremoli, on behalf of the IMPROVE Group.

Oral presentations at national meetings

35. 11th NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Vibo Valentia, December 1997. *Carotid artery IMT measured with an electronic caliper in patients attending a lipid clinic*. D. Baldassarre, M. Amato, E. Tremoli, CR. Sirtori.
36. XIII NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Milan, December 1999. *"the Intima-media thickness"*. D. Baldassarre, M. Amato, E. Tremoli, CR. Sirtori.
37. XIII NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Milan, December 1999. *"Forearm arterial compliance and atherosclerosis risk factors"*. D. Baldassarre, M. Amato, CR. Sirtori.
38. XI Meeting on Cardiovascular Ecography. Milan, June 2000. *"Is intima media thickness of common carotid an index of coronary disease in asymptomatic patients?"* D. Baldassarre, M. Amato, L. Pustina, CR. Sirtori, E. Tremoli.
39. XIV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Perugia, November-December 2000. *HDL cholesterol and carotid atherosclerosis*. D. Baldassarre, E. Tremoli, M. Amato, CR. Sirtori, G. Franceschini.

40. XV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Rome, November-December 2001. *"Artificial neural networks: identification of patients at high risk of cardiovascular diseases"*. D. Baldassarre, M. Buscema, E. Grossi, M. Intraligi, M. Amato, L. Pustina, E. Tremoli, CR. Sirtori.
41. XII MEETING ON CARDIOVASCULAR ECOGRAPHY. Milan, June 2002. *Relationship between intima media thickness, carotid plaque and coronary lesions*. D. Baldassarre, M. Amato, L. Pustina, CR. Sirtori, E. Tremoli.
42. 63th NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF CARDIOLOGY. Rome, December 2002. *Extracranial carotid intima media thickness in the recognition of patient with and without vascular events*. D. Baldassarre, E. Grossi, M. Buscema, M. Intraligi, M. Amato, E. Tremoli, L. Pustina, S. Castelnuovo, CR. Sirtori.
43. 32° NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. Naples, June 2005. *Combined use of carotid IMT and traditional risk factors in predicting cardiovascular events in intermediate risk individuals*. D. Baldassarre, M. Amato, S. Castelnuovo, S. Sanvito, B. Frigerio, L. Gerosa, E. Tremoli and CR. Sirtori.
44. XIX NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Mestre, November 2005. *Chronic use of light or heavy cigarettes and carotid IMT*. D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, L. Gerosa, E. Tremoli, and CR. Sirtori.
45. XXII National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, November 19-22, 2008. *The metabolic syndrome does not add to carotid atherosclerosis beyond that expected by risk factor counting or risk scoring*. D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, JP. Werba.
46. V MONOTHEMATIC CONGRESS OF THE SIF (ITALIAN SOCIETY OF FARMACOLOGY). ATHEROTHROMBOSIS: FROM BASIC RESEARCH TO THE CLINIC. Milan 3-4 November 2011. *Clinical usefulness of carotid IMT progression: lessons from the IMPROVE study*. D. Baldassarre, F. Veglia, M. Amato, A. Ravani, D. Sansaro, CC. Tedesco, F. Bovis, B. Frigerio, and E. Tremoli, on behalf of the IMPROVE study group.
47. XXVI National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, 27-29 November 2013. *The effects of tobacco smoke and of the social class on carotid intima media thickness (c-IMT) and on c-IMT progression are stronger in women than in men*. D. Baldassarre, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, and E. Tremoli, on behalf of the IMPROVE Study group.
48. MONOTHEMATIC CONGRESS OF THE SIF (ITALIAN SOCIETY OF FARMACOLOGY). CARDIOVASCULAR DISEASES: FROM POPULATION TO BASIC SCIENCE SEARCHING FOR NEW THERAPEUTIC TARGETS. Naples, 26-27 September 2018. *MicroRNAs, echogenicity of carotid plaques and cardiovascular events*. D. Baldassarre, Colombo G,² F. Veglia, Y. D'Alessandra, M. Amato, A. Ravani, B. Frigerio, D. Sansaro, D. Coggi, M. Chiesa, L. Piacentini, C. Vavassori, V. Ricci, A. Bonomi, S. Barbieri, E. Tremoli, on behalf of the IMPROVE study group.

POSTER PRESENTATIONS AT MEETINGS

Poster presentations at international meetings

49. FIRST INTERNATIONAL SYMPOSIUM, WATCHING THE RISK: FROM THE ARTERIAL WALL THICKENING TO CLINICAL SYMPTOM. Paris (France), July 1995. *Hemostatic variables as risk factors for carotid intima-media thickness progression in patients with peripheral arterial disease*. D. Baldassarre, E. Tremoli, E. Cofrancesco, C. Boschetti.
50. 66th CONGRESS OF THE EUROPEAN ATHEROSCLEROSIS SOCIETY. Florence, July 1996. *Plasma Lipoprotein(a) is an independent factor associated with carotid wall thickening in severely but not in moderately hypercholesterolemic patients*. D. Baldassarre, E. Tremoli, G. Franceschini, S. Michelagnoli, CR. Sirtori.
51. 66th CONGRESS OF THE EUROPEAN ATHEROSCLEROSIS SOCIETY. Florence, July 1996. *A new method for the non-invasive assessment of forearm arterial compliance in human subjects: impaired arterial compliance in hypercholesterolemia*. D. Baldassarre, G. Gianfranceschi, F. Pazzucconi, CR. Sirtori.
52. XI° INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS. Paris (France), 5-9 October 1997. *Pravastatin reduces carotid intima-media thickness progression also in patients showing an unsatisfactory response in terms of LDL-C reduction. The CAIUS Study*. D. Baldassarre, CR.

- Sirtori, F. Veglia, C. Gobbi, G. Gallus for the CAIUS Research Group.
53. XIII INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. Florence, May 1998. *Association among cardiovascular risk factors and carotid atherosclerosis. A study in patients attending a lipid clinic in Italy.* D. Baldassarre, M. Amato, L. Piazza, E. Tremoli, CR. Sirtori.
 54. XIII INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. Florence, May 1998. *Pravastatin inhibition of carotid intima-media thickness progression is not related to the extent of cholesterol reduction. The CAIUS Study.* D. Baldassarre, CR. Sirtori, F. Veglia, C. Gobbi, G. Gallus for the CAIUS Research Group.
 55. 5th INTERNATIONAL SYMPOSIUM, MULTIPLE RISK FACTORS IN CARDIOVASCULAR DISEASE GLOBAL ASSESSMENT AND INTERVENTION. Venice, October 1999. *Forearm arterial compliance during reactive hyperemia and atherosclerosis risk factors.* D. Baldassarre, M. Bedetti, M. Amato, CR. Sirtori.
 56. 5th INTERNATIONAL SYMPOSIUM, MULTIPLE RISK FACTORS IN CARDIOVASCULAR DISEASE GLOBAL ASSESSMENT AND INTERVENTION. Venice, October 1999. *B-mode imaging and intima media thickness: analog vs digital technologies.* D. Baldassarre, M. Amato, E. Tremoli, CR. Sirtori.
 57. XVth international symposium of DRUG AFFECTING LIPID METABOLISM. Venice, October 24-27, 2004. *Carotid intima media thickness (IMT) and IMT-progression as predictors of vascular events in a high risk european population: "THE IMPROVE STUDY".* D. Baldassarre, and R. Paoletti for the IMPROVE Study Group.
 58. International XVIII Puijo Symposium - Kuopio (Finland), June 29 - July 2, 2005. *Carotid intima media thickness (IMT) and IMT-progression as predictors of vascular events in a high risk european population: "THE IMPROVE STUDY".* D. Baldassarre, and R. Paoletti for the IMPROVE Study Group.
 59. XIV ISA Satellite symposium on NOVEL INSIGHTS IN ATHEROTHROMBOSIS: FROM PATHOPHYSIOLOGY TO THERAPY. Milan, June 16-17, 2006. *Effect of omega-3 PUFA on carotid IMT and hemostasis in hypertriglyceridemic patients: a longitudinal pilot study in primary prevention.* D. Baldassarre, M. Amato, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozàková, E. Tremoli, CR. Sirtori, and S. Colli.
 60. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Chronic use of light or heavy cigarettes and carotid IMT.* D. Baldassarre, S. Castelnuovo, B. Frigerio, M. Amato, G. De Giosa, E. Tremoli, CR. Sirtori.
 61. 2nd International Symposium INTEGRATED BIOMARKERS IN CARDIOVASCULAR DISEASE. Berlin (Germany), June 21-23, 2007. *Measurement of carotid artery intima-media thickness improves the power of traditional risk factors to predict cardiovascular events.* D. Baldassarre, M. Amato, S. Castelnuovo, B. Frigerio, F. Veglia, S. Keidar, E. Tremoli, and CR. Sirtori.
 62. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *Determinants of carotid intima media thickness (IMT) in a high risk European population: baseline results of the IMPROVE study.* D. Baldassarre, E. Tremoli, on behalf of the IMPROVE Study Group.
 63. 79th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Gothenburg, Sweden, June 26-29, 2011. *The fastest progression of carotid intima media thickness is associated with increased vascular events in the improve study.* D. Baldassarre, F. Veglia, E. Tremoli, on behalf of the IMPROVE Study Group.
 64. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *Clinical usefulness of serial measurements of carotid IMT: lessons from the IMPROVE study.* D. Baldassarre, F. Veglia, M. Amato, B. Frigerio, A. Ravani, D. Sansaro, C.C. Tedesco, F. Bovis, E. Tremoli, on behalf of the IMPROVE Study Group.
 65. 17th INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2015). Amsterdam (The Netherlands), May 23-26 2015. *Carotid plaques size and common carotid IMT measured in plaque-free areas show additive value in cardiovascular-risk prediction and individual reclassification.* D. Baldassarre, F. Veglia, B. Frigerio, A. Ravani, S. Castelnuovo, D. Sansaro, A. Bonomi, C.C. Tedesco, M. Amato, E. Tremoli, on behalf of the IMPROVE study group.
 66. 17th INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2015). Amsterdam (The Netherlands), May 23-26 2015. *Development of a new score reflecting family history of cardiovascular disease and its association to atherosclerosis.* M. Amato, A. Ravani, D. Sansaro, B. Frigerio, F. Veglia, S. Castelnuovo, A. Bonomi, C.C. Tedesco, E. Tremoli, D. Baldassarre, on

behalf of the IMPROVE study group.

67. 17th INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2015). Amsterdam (The Netherlands), May 23-26 2015. *Adherence to the Mediterranean diet is inversely associated to vascular events and subclinical atherosclerosis progression in a large European cohort - Results from the IMPROVE study*. F. Veglia, D. Baldassarre, B. Frigerio, A. Ravani, S. Castelnuovo, D. Sansaro, A. Bonomi, C.C. Tedesco, M. Amato, E. Tremoli on behalf of the IMPROVE study group.
68. ESC (European Society of Cardiology) Congress 2018 Munich (Germany) 25-29 August 2018. *A simplified score for adherence to a Mediterranean dietary pattern predicts carotid atherosclerosis progression*. D. Baldassarre, U. De Faire, S. Kurl, A.J. Smit, R. Rauramaa, P. Giral, M. Amato, D. Sansaro, D. Coggi, C.C. Tedesco, E. Mannarino, S.E. Humphries, A. Hamsten, E. Tremoli, F. Veglia.

Poster presentations at national meetings

69. 10th NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF ATHEROSCLEROSIS. Rome, December 1996. *Plasma lipoprotein(a) is an independent risk factor for carotid atherosclerosis especially in the presence of high LDL-cholesterol levels*. D. Baldassarre, E. Tremoli, G. Franceschini, M. Amato, CR. Sirtori.
70. 10th NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Rome, December 1996. *"Pravastatin and functional properties of forearm arteries in hypercholesterolemic patients"*. D. Baldassarre, G. Franceschini, M. Amato, CR. Sirtori.
71. 12th NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Trieste, 30 November - 3 december 1998. *Effects of lipid-lowering drugs on the progression of carotid intima media thickness and on the mechanical properties of the forearm arterial district: noninvasive evaluation by B-mode ultrasonography and strain-gauge plethysmography*. D. Baldassarre.
72. XVIII CONGRESSO NAZIONALE DELLA SOCIETÀ ITALIANA PER LO STUDIO DELL'ARTERIOSCLEROSI. Palermo, 26-29 Novembre 2004. *Combined use of carotid IMT and traditional risk factors in predicting cardiovascular events in intermediate risk individuals*. D. Baldassarre, M. Amato, S. Castelnuovo, S. Sanvito, B. Frigerio, L. Gerosa, E. Tremoli e CR. Sirtori.
73. XIX NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Mestre, November 2005. *Effect of n-3 fatty acids on carotid atherosclerosis and hemostasis in hypertriglyceridemic patients: a double blind pilot study in primary prevention*. D. Baldassarre, M. Amato, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozàková, E. Tremoli, CR. Sirtori, S. Colli.
74. 35° NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF FARMACOLOGY (SIF). Bologna September 14-17, 2011. *The Fastest Progression of Carotid Intima Media Thickness is Associated with Increased Vascular Events in the IMPROVE Study*. D. Baldassarre, F. Veglia, M. Amato, A. Ravani, D. Sansaro, CC. Tedesco, F. Bovis, B. Frigerio, S. Castelnuovo e E. Tremoli, on behalf of the IMPROVE study group.
75. 36TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. The role of pharmacological research for the growth and health in Italy. Milan, 23-26 October 2013. *Gender differences in the association of tobacco smoke and social class with subclinical atherosclerosis and atherosclerosis progression*. D. Baldassarre, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, Elena Tremoli on behalf of the IMPROVE Study group.
76. 38TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY (SIF). Rimini 25-28 october 2017. *A priori-defined Mediterranean-like dietary pattern predicts carotid intima media thickness progression and vascular events in a large European cohort*. D. Baldassarre, F. Veglia, M. Amato, A. Di Minno, A. Ravani, B. Frigerio, D. Sansaro, D. Coggi, CC. Tedesco, E. Tremoli, on behalf of the IMPROVE study group.
77. 38TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY (SIF). Rimini 25-28 october 2017. *Carotid plaque-thickness and common carotid IMT show additive value in cardiovascular risk prediction and reclassification*. M. Amato, F. Veglia, A. Ravani, B. Frigerio, D. Sansaro, D. Coggi, A. Bonomi, CC. Tedesco, E. Tremoli, D.

Baldassarre, on behalf of the IMPROVE study group.

COMUNICATIONS OR POSTERS AT MEETINGS AS LAST NAME

Communications or posters at international meetings as last name

78. XVth congress of the international society of Thrombosis and Haemostasis. Jerusalem, Israel. June 11-16, 1995. *Hemostatic variables and progression of common carotid intima-media thickness in patients with peripheral arterial disease*. M. Cortellaro, E. Cofrancesco, C. Boschetti, E. Tremoli, **D. Baldassarre**.
79. 6th INTERNATIONAL SYMPOSIUM ON GLOBAL RISK OF CORONARY HEART DISEASE AND STROKE: ASSESSMENT, PREVENTION, AND TREATMENT. Florence, June 12-15, 2002. *Assessment of arterial compliance: plethysmographic vs ultrasonographic method*. S. Castelnovo, M. Amato, L. Pustina, E. Tremoli, CR. Sirtori and **D. Baldassarre**.
80. 6th INTERNATIONAL SYMPOSIUM ON GLOBAL RISK OF CORONARY HEART DISEASE AND STROKE: ASSESSMENT, PREVENTION, AND TREATMENT. Florence, June 12-15, 2002. *Parents' longevity as predictor of carotid atherosclerosis*. M. Amato, L. Pustina, S. Castelnovo, F. Veglia, E. Tremoli, CR. Sirtori, and **D. Baldassarre**.
81. 6th INTERNATIONAL SYMPOSIUM ON GLOBAL RISK OF CORONARY HEART DISEASE AND STROKE: ASSESSMENT, PREVENTION, AND TREATMENT. Florence, June 12-15, 2002. *Effects of atorvastatin on the functional properties of forearm arteries in hypercholesterolemic patients*. L. Pustina, M. Amato, S. Castelnovo, CR. Sirtori, E. Tremoli. and **D. Baldassarre**.
82. ITALY USA MEETING 2003: Milan, October 20-22, 2003. *Carotid intima-media thickness (C-IMT): biomarker, surrogate end point or both?* E. Tremoli, M. Amato, L. Pustina, S. Castelnovo, CR. Sirtori, R. Paoletti and **D. Baldassarre**.
83. XVth international symposium of DRUG AFFECTING LIPID METABOLISM. Venice, October 24-27, 2004. *Carotid external B-mode ultrasound versus coronary quantitative angiography and coronary intravascular ultrasound*. M. Amato, P. Montorsi, S. Galli, A. Ravani, E. Oldani, E. Tremoli, **D. Baldassarre**.
84. XVth international symposium of DRUG AFFECTING LIPID METABOLISM. Venice, October 24-27, 2004. *Non-invasive methodology: intima media thickness*. E. Tremoli, **D. Baldassarre**.
85. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Smoking habits as determinant of carotid IMT in gender specific models*. B. Frigerio, S. Castelnovo, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
86. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Carotid intima-media thickness by B-mode ultrasound as a new tool to recognize CAD in patients with no evidences of angiographic narrowings*. M. Amato, P. Montorsi, A. Ravani, E. Oldani, S. Galli, E. Tremoli and **D. Baldassarre**.
87. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Smoking habits as determinant of carotid IMT in patients in primary and secondary prevention*. A. De Jong, S. Castelnovo, B. Frigerio, M. Amato, A. Ravani, E. Oldani, G. De Giosa, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
88. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Familial aggregation of carotid artery intima media thickness: a three-generation study*. E. Oldani, A. Ravani, M. Amato, E. Tremoli, JP. Werba, **D. Baldassarre**.
89. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Parental earliness of CHD and parental history of smoking as determinants of carotid IMT in the progeny*. JP. Werba, M. Amato, E. Oldani, A. Ravani, PG. Massironi, F. Veglia, E. Tremoli, **D. Baldassarre**.
90. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Relationship between cardiovascular global risk in primary and secondary prevention and carotid atherosclerosis*. S. Castelnovo, B. Frigerio, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori and **D. Baldassarre**.
91. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Effect of smoking habits on the relationships between atherosclerosis risk factors and carotid IMT*. S. Castelnovo, B. Frigerio, G. De Giosa, M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
92. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Carotid intima media thickness (IMT) and IMT-progression as predictors of vascular events in a high risk european population: "the IMPROVE study"*. E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE

Group.

93. 2nd International Course INTEGRATED BIOMARKERS IN CARDIOVASCULAR DISEASE. Berlin (Germany), June 21-23, 2007. *Issue with models of integration: "The IMPROVE Study"*. E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Group.
94. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Carotid intima media thickness as marker of atherosclerosis: results of the IMPROVE Study*. E. Tremoli, **D. Baldassarre** on behalf of the IMPROVE Group.
95. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Light or heavy cigarettes consumption and carotid atherosclerosis*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
96. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Effect of cigarette smoking on carotid IMT and FRs*. S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
97. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Negative correlation between flow-mediated dilation (FMD) and arterial size: true association or mathematical artefact?* F. Veglia, M. Amato, A. Ravani, E. Tremoli and **D. Baldassarre**.
98. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *The metabolic syndrome does not add to carotid atherosclerosis beyond that expected by risk factor counting or risk scoring*. JP. Werba, S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli and **D. Baldassarre**.
99. 23rd MEETING OF THE EUROPEAN SOCIETY FOR NONINVASIVE AND PREVENTIVE CARDIOLOGY (Former ESNICVD). CARDIOVASCULAR MEDICINE IN THE ERA OF ADVANCED TECHNOLOGY. Brescia, May 21-23, 2009. *Atherosclerosis: a necessary fellow traveller of aging?* E. Tremoli, M. Amato and **D. Baldassarre**.
100. 23rd MEETING OF THE EUROPEAN SOCIETY FOR NONINVASIVE AND PREVENTIVE CARDIOLOGY (Former ESNICVD). CARDIOVASCULAR MEDICINE IN THE ERA OF ADVANCED TECHNOLOGY. Brescia, May 21-23, 2009. *Primary prevention: risk factors assessment, coronary calcium score or arterial imaging?* M. Amato, E. Tremoli and **D. Baldassarre**.
101. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *Carotid IMT measurements: a comparison between s-VHS or CD-ROM recorded ultrasonic scans*. S. Castelnuovo, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Study Group.
102. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *Associations between carotid artery intima media thickness, leukocytes and high sensitive c reactive protein in a high risk european population*. E. Tremoli, **D. Baldassarre**.
103. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *Light or regular cigarettes consumption: effect on endothelial function*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
104. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *L-arginine does not improve endothelial function in patients with metabolic syndrome*. A. Ravani, M. Amato, S. Castelnuovo, B. Frigerio, V. Cavalca, JP. Werba, I. Squellerio, E. Tremoli, **D. Baldassarre**.
105. 8th INTERNATIONAL CONGRESS ON CORONARY ARTERY DISEASE: FROM PREVENTION TO INTERVENTION (ICCAD). Prague (Czech Republic), October 11-14, 2009. *Light or regular cigarettes consumption: effect on endothelial function*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
106. 8th INTERNATIONAL CONGRESS ON CORONARY ARTERY DISEASE: FROM PREVENTION TO INTERVENTION (ICCAD). Prague (Czech Republic), October 11-14, 2009. *Carotid IMT measurements: a comparison between s-VHS or CD-ROM recorded Ultrasonic scans*. S. Castelnuovo, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Group.
107. ISSFAL 2010 - 9th Congress of the International Society for the study of Fatty Acid & Lipids incorporating the 8th International Congress on Essential Fatty acids and Eicosanoids and the 5th PUFA in Maternal and Infant Health meeting. Maastricht (The Netherlands), 29 maggio- 2 giugno 2010. *Effects of cigarette smoking on the relationship between fatty acids and subclinical atherosclerosis*. P. Risè, C. Galli, M. Amato, S. Ghezzi, B. Frigerio, S. Castelnuovo, E. Tremoli, CR. Sirtori and **D. Baldassarre**.

108. 78th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS 2010: New discoveries, Burning Questions, Controversial Issues. Hamburg (Germany) June 20 -23, 2010. *Common carotid intima-media thickness in high-risk patients in Russia and European populations*. I. Sobenin, V. Myasoedova, T. Kirichenko, E. Anisimova, S. Castelnuevo, M. Amato, B. Frigerio, A. Ravani, A. Orekhov, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Study Group.
109. 78th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS 2010: New discoveries, Burning Questions, Controversial Issues. Hamburg (Germany) June 20 -23, 2010. *Do I need to prescribe IMT measurement in my patient?* E. Tremoli, M. Amato and **D. Baldassarre**.
110. 15th WORLD CONGRESS ON HEART DISEASE - INTERNATIONAL ACADEMY OF CARDIOLOGY - ANNUAL SCIENTIFIC SESSIONS 2010. Vancouver (Canada), July 24-27, 2010. *Carotid intima-media thickness by B-mode ultrasound as surrogate of coronary atherosclerosis*. M. Amato, **D. Baldassarre**.
111. AMERICAN HEART ASSOCIATION SCIENTIFIC SESSIONS 2010. Chicago (USA), November 13-17, 2010. *The association of tobacco smoke with subclinical atherosclerosis and atherosclerosis progression is stronger in women than in men*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C.C. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuevo, **D. Baldassarre** on behalf of the IMPROVE Group.
112. Society of Atherosclerosis Imaging and Prevention (SAIP) Annual Scientific Sessions 2011. Bethesda, (USA) April 15-17, 2011. *Carotid diameter improves the carotid IMT capacity to predict coronary events: data from the improve study*. M. Amato, F. Veglia, E. Tremoli and **D. Baldassarre**, on behalf of the IMPROVE Group.
113. 79th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Gothenburg, Sweden, June 26-29, 2011. *The association of tobacco smoke with subclinical atherosclerosis and atherosclerosis progression is stronger in women than in men*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C.C. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuevo, **D. Baldassarre**, on behalf of the IMPROVE Study Group.
114. ESC CONGRESS 2011 Paris (France), August 27-31, 2011. *Gender differences in the association of tobacco smoke and social class with subclinical atherosclerosis and atherosclerosis progression*. E. Tremoli, F. Veglia, M. Amato, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, S. Castelnuevo and **D. Baldassarre**, on behalf of the IMPROVE Study group.
115. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *The count of family histories of vascular diseases is an independent determinant of subclinical and clinical atherosclerosis*. M. Amato, A. Ravani, D. Sansaro, B. Frigerio, F. Veglia, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE Study Group.
116. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *Familial aggregation of carotid intima media thickness is better appreciable in young generational pairs* D. Sansaro, M. Amato, B. Frigerio, A. Ravani, J.P. Werba, S. Castelnuevo, E. Tremoli, **D. Baldassarre**.
117. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *Light or regular cigarette smoking: effect on brachial artery flow mediated dilation*. B. Frigerio, M. Amato, A. Ravani, D. Sansaro, S. Castelnuevo, J.P. Werba, C.R. Sirtori, E. Tremoli, **D. Baldassarre**.
118. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *L-arginine does not improve endothelial function in patients with metabolic syndrome*. A. Ravani, M. Amato, D. Sansaro, B. Frigerio, V. Cavalca, J.P. Werba, I. Squellerio, E. Tremoli and **D. Baldassarre**.
119. ESC (European Society of Cardiology) Congress 2015 London (United Kingdom) 29 August - 2 September 2015. *Normal values of echocardiographic left and right cardiac chambers dimensions as multifactorially determined by sex, level of physical activity, age, BMI, systolic blood pressure and heart rate*. P. Barbier, A. Ravani, C. Cefalu, A. Maltagliati, B. Frigerio, D. Sansaro, M. Amato, **D. Baldassarre**.

Communications or posters at national meetings as last name

120. NATIONAL ASSOCIATION OF NOT IN HOSPITAL PHYSICIANS. III NATIONAL CONGRESS. Rome, June 1991. *The cardiological patient and the cholesterol problem: level of knowledge*. F.D. Eredità, C. Proto, A. Poli, A. Pesce, **D. Baldassarre**.
121. VIII NATIONAL CONGRESS: Atherosclerosis Risk factors. Siena, February 2000. p.166. *B-mode*

- ultrasonography and intima-media thickness: analog vs digital imaging technologies.* M. Amato, **D. Baldassarre.**
122. XIV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Perugia, November-December 2000. *Parents' longevity and carotid atherosclerosis.* M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
123. XIV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Perugia, November-December 2000. *Post-ischemic vasodilation: method for the measurement continuous vs non continuous.* L. Pustina, M. Amato, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
124. XV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Rome, November-December 2001. *Effect of atorvastatin on forearm arterial functional properties in hypercholesterolemic patients.* L. Pustina, M. Amato, CR. Sirtori, E. Tremoli, **D. Baldassarre.**
125. XV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Rome, November-December 2001. *Evaluation of arterial compliance: validation of a phletysmographic method versus an ultrasonographic one.* M. Amato, L. Pustina, CR. Sirtori, E. Tremoli, **D. Baldassarre.**
126. 63th NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF CARDIOLOGY. Rome, December 2002. *Parents' longevity and carotid atherosclerosis.* M. Amato, L. Pustina, S. Castelnuovo, F. Veglia, E. Tremoli, CR. Sirtori, and **D. Baldassarre.**
127. XVIII NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Palermo, 26-29 Novembre 2004. *Relationship between cardiovascular global risk in primary and secondary prevention and carotid atherosclerosis.* S. Castelnuovo, S. Sanvito, L. Gerosa, B. Frigerio, F. Ferrari Bravo, M. Amato. E. Tremoli, C.R. Sirtori and **D. Baldassarre.**
128. 32^o NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. Naples, June 2005. *Carotid atherosclerosis measured by external b-mode ultrasound versus coronary atherosclerosis measured by quantitative angiography and intravascular ultrasound.* M. Amato, P. Montorsi, S. Galli, A. Ravani, E. Oldani, E. Tremoli and **D. Baldassarre.**
129. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Light or heavy cigarettes consumption and carotid atherosclerosis.* S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
130. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Effect of cigarette smoking on carotid IMT and FRs.* B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
131. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Algorithm developed by the Italian "Istituto Superiore di Sanità" (Cuore Risk Score): assessment of its capacity to predict global cardiovascular risk in dyslipidemic patients.* S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
132. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Familial aggregation of carotid artery Intima Media Thickness: a three-generation study.* A. Ravani, M. Amato, E. Tremoli, JP. Werba, **D. Baldassarre.**
133. VIII Regional Study Day of the Italian Society for the Study of the Atherosclerosis (SISA), Lombardy Regional Section. "Clinical and basic research in the cardiovascular area" Milan, October 2008. *Effect of smoking habits on the relationship between atherosclerosis risk factors and carotid IMT.* S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
134. VIII Regional Study Day of the Italian Society for the Study of the Atherosclerosis (SISA), Lombardy Regional Section. "Clinical and basic research in the cardiovascular area" Milan, October 2008. *May be the moderate consumption of cigarette considered a valid alternative to smoking cessation?* B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre.**
135. VIII Regional Study Day of the Italian Society for the Study of the Atherosclerosis (SISA), Lombardy Regional Section. "Clinical and basic research in the cardiovascular area" Milan,

- October 2008. *Familial aggregation of the carotid intima media thickness: a tri-generational study*. A. Ravani, M. Amato, S. Castelnuovo, B. Frigerio, O. Guardamagna, F. Abello, E. Tremoli, JP. Werba, **D. Baldassarre**.
136. VIII Regional Study Day of the Italian Society for the Study of the Atherosclerosis (SISA), Lombardy Regional Section. "Clinical and basic research in the cardiovascular area" Milan, 04 October 2008. *The metabolic syndrome is not a determinant of carotid atherosclerosis better than the sum of the single risk factors included in the syndrome definition*. M. Amato, JP. Werba, S. Castelnuovo, B. Frigerio, A. Ravani, F. Veglia, CR. Sirtori, E. Tremoli, **D. Baldassarre**.
137. XXII National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, November 19-22, 2008. *Chronic use of light or regular cigarettes and flow mediated dilation*. M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
138. XXII National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, November 19-22, 2008. *Light and regular cigarettes consumers and endothelial dysfunction*. S. Castelnuovo, B. Frigerio, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
139. XXII National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, November 19-22, 2008. *Smoking habits as determinant of carotid IMT in patients in primary and secondary prevention*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
140. XXII National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, November 19-22, 2008. *The negative correlation between flow-mediated dilation (FMD) and arterial size may be ascribed to a mathematical artefact*. Tedesco CC, F. Veglia, M. Amato, A. Ravani, E. Tremoli, **D. Baldassarre**.
141. I° National Congress on Gender Medicine. Padoa, February 5-6, 2009. *Carotid intima media thickness: gender differences*. E. Tremoli, **D. Baldassarre**.
142. Next Step: La giovane ricerca avanza. Milan, July 1, 2010. *Carotid IMT measurements: a comparison between s-VHS or cd-ROM recorded ultrasonic scans*. S. Castelnuovo, B. Frigerio, E. Tremoli, **D. Baldassarre** on behalf of the IMPROVE Group.
143. Next Step: La giovane ricerca avanza. Milan, July 1, 2010. *Common carotid artery diameter as a marker of cardiovascular risk: preliminary results of the improve study*. M. Amato, E. Tremoli, **D. Baldassarre** on behalf of the IMPROVE Group.
144. Next Step: La giovane ricerca avanza. Milan, July 1, 2010. *Light or regular cigarettes consumption: effect on endothelial function*. B. Frigerio, S. Castelnuovo, M. Amato, A. Ravani, E. Tremoli, CR. Sirtori, **D. Baldassarre**.
145. 35° NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF FARMACOLOGY (SIF). Bologna September 14-17, 2011. *Carotid diameter improves the carotid IMT capacity to predict coronary events: data from the IMPROVE study*. M. Amato, F. Veglia, E. Tremoli, A. Ravani, D. Sansaro, C. Tedesco, F. Bovis, B. Frigerio, S. Castelnuovo and **D. Baldassarre**, on behalf of the IMPROVE study group.
146. V MONOTHEMATIC CONGRESS OF THE SIF (*Italian Society of Pharmacology*). ATHEROTHROMBOSIS: FROM BASIC RESEARCH TO THE CLINIC. Milan 3-4 November 2011. The count of family histories of vascular diseases is an independent de-terminant of subclinical atherosclerosis. M. Amato, A. Ravani, D. Sansaro, B. Frigerio, F. Veglia, E. Tremoli, and **D. Baldassarre** on behalf of the IMPROVE study group.
147. V MONOTHEMATIC CONGRESS OF THE SIF (*Italian Society of Pharmacology*). ATHEROTHROMBOSIS: FROM BASIC RESEARCH TO THE CLINIC. Milan 3-4 November 2011. Light or regular cigarettes consumption: effect on endothelial function. B. Frigerio, M. Amato, A. Ravani, D. Sansaro, E. Tremoli, S. Castelnuovo, JP. Werba, C.R. Sirtori and **D. Baldassarre**.
148. V MONOTHEMATIC CONGRESS OF THE SIF (*Italian Society of Pharmacology*). ATHEROTHROMBOSIS: FROM BASIC RESEARCH TO THE CLINIC. Milan 3-4 November 2011. Familial aggregation of carotid artery intima media thickness: a three-generation study. D. Sansaro, M. Amato, B. Frigerio, A. Ravani, E. Tremoli, JP. Werba, S. Castelnuovo, and **D. Baldassarre**.
149. XII Regional Study Day of the ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Basic and clinical research in the cardiovascular area (The subject at high cardiovascular risk). Milan, 4-5 October 2013. *Is it possible to distinguish between intrinsic aging and arterial atherosclerosis by using B-mode ultrasonography?* A. Ravani, B. Frigerio, D. Sansaro, F. Veglia, M. Amato, E. Tremoli, **D. Baldassarre**.

150. XII Regional Study Day of the ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Basic and clinical research in the cardiovascular area (The subject at high cardiovascular risk). Milan, 4-5 October 2013. *Consumption of light or heavy cigarettes: effects on the endothelial function*. B. Frigerio, M. Amato, A. Ravani, D. Sansaro, S. Castelnuovo, E. Tremoli, F. Veglia, C.R. Sirtori, J.P. Werba, **D. Baldassarre**.
151. XII Regional Study Day of the ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Basic and clinical research in the cardiovascular area (The subject at high cardiovascular risk). Milan, 4-5 October 2013. *The familial aggregation of carotid intima-media thickness is better appreciated in young generational pairs*. D. Sansaro, M. Amato, B. Frigerio, A. Ravani, E. Tremoli, **D. Baldassarre**.
152. 36TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. The role of pharmacological research for the growth and health in Italy. Milan, 23-26 October 2013. *Brachial artery diameter enlargement: a new marker of atherosclerosis?* M. Amato, D. Sansaro, A. Ravani, B. Frigerio, S. Castelnuovo, F. Veglia, E. Tremoli e **D. Baldassarre**.
153. XXVI National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, 27-29 November 2013. *Is the enlargement of brachial artery diameter a novel marker of atherosclerotic risk?* M. Amato, D. Sansaro, A.L. Ravani, B. Frigerio, S. Castelnuovo, F. Veglia, E. Tremoli and **D. Baldassarre**.
154. Workshop BIOMETRA, Milan Segrate, September 26, 2017. *Brachial artery diameter as a marker of subclinical atherosclerosis: gender differences in the association with risk factors and cardiovascular disease*. D. Coggi, M. Amato, B. Frigerio, A. Ravani, D. Sansaro, and **D. Baldassarre**.
155. Workshop BIOMETRA, Milan Segrate, September 26, 2017. *The enlargement of brachial artery diameter as a novel marker of atherosclerotic risk*. D. Coggi, M. Amato, B. Frigerio, A. Ravani, D. Sansaro, and **D. Baldassarre**.
156. XLI CONVEGNO AIE. Mantova, 25-27 October 2017. *Association between subclinical atherosclerosis and socio-economic status in different European regions*. CC. Tedesco, F. Veglia, M. Amato, A. Bonomi, S. Barbieri, A. Ravani, B. Frigerio, S. Castelnuovo, D. Sansaro, E. Tremoli, **D. Baldassarre**, on behalf of the IMPROVE study group.
157. NEXT STEP IX: la giovane ricerca avanza. Milano, 3 luglio 2018. *Effect of gender on the associations between brachial artery diameter and vascular risk factors*. D. Coggi, M. Amato, D. Sansaro, A. Ravani, B. Frigerio, **D. Baldassarre**.
158. NEXT STEP IX: la giovane ricerca avanza. Milano, July 3, 2018. *Effect of gender on the associations between brachial artery diameter and vascular risk factors*. D. Coggi, M. Amato, D. Sansaro, A. Ravani, B. Frigerio, **D. Baldassarre**.
159. III Workshop BIOMETRA. Milano Segrate, September 24, 2018. *Brachial artery diameter is an independent biomarker of altered heart geometry*. D. Coggi, M. Amato, A. Ravani, D. Sansaro, B. Frigerio and **D. Baldassarre**.
160. XVII Congresso Regionale SISA-XII Congresso Nazionale SITECS - Il soggetto ad alto rischio cardiovascolare-Ricerca clinica e di base nell'ambito dell'aterosclerosi. Milan, October 4-6, 2018. *Brachial artery diameter enlargement is an independent marker of vascular events in women but not in men*. D. Coggi, M. Amato, D. Sansaro, A. Ravani, B. Frigerio and **D. Baldassarre**.

PARTICIPATIONS AT MEETINGS AS COAUTHOR

Participations at international meetings as coauthor

161. INTERNATIONAL WORKSHOP ON ULTRASOUND METHODS FOR ATHEROSCLEROSIS RESEARCH AND PREVENTION. Milan, September 1990. *Hypercholesterolemia and common carotid wall thickness*. A. Poli, E. Tremoli, **D. Baldassarre**, JP. Werba.
162. INTERNATIONAL WORKSHOP ON ULTRASOUND METHODS FOR ATHEROSCLEROSIS RESEARCH AND PREVENTION. Milan, September 1990. *The Carotid Atherosclerosis Italian Ultrasound Study (CAIUS). Atherosclerosis research and prevention*. A. Ventura, on behalf of the CAIUS study group. Participation as member of the CAIUS study group.
163. 9th INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS. Rosemont (IL) USA, 1991. *Carotid Atherosclerosis Italian Ultrasound Study (CAIUS): a protocol for non-invasive evaluation of*

- carotid atherosclerosis*. The CAIUS Research Group. Participation as member of the CAIUS study group.
164. 59th E.A.S. CONGRESS OF INTERNATIONAL ATHEROSCLEROSIS SOCIETY. Nice (France), 1992. *The Carotid Atherosclerosis Italian Ultrasound Study: consistency of B-mode ultrasound measurements at baseline*. M. Mercuri, A. Poli, A. Calabrò, M. Fiscaro, S. Rimondi, A. Susta, et al. for the CAIUS Research Group. Participation as member of the CAIUS study group.
 165. XIth international symposium of DRUG AFFECTING LIPID METABOLISM. Florence, 1992. *The Carotid Atherosclerosis Italian Ultrasound Study: consistency of B-Mode measurement in the Carotid Atherosclerosis Italian Ultrasound Study*. M. Mercuri, F. Veglia, A. Poli, A. Calabrò, M. Fiscaro, S. Rimondi, G. Lupatelli, A. Bucci, P. Rubba, G. Bianchi. Participation as member of the CAIUS study group.
 166. INTERNATIONAL SYMPOSIUM ON THE LIPID TRIAD (TRIGLYCERIDES, HDL, LDL) AND CARDIOVASCULAR DISEASES. Milan, July 1993. *Triglycerides and the fibrinolytic system*. E. Tremoli, L. Sironi, L. Mannucci, L. Prati, M. Camera, C. Banfi, D. Baldassarre, L. Mussoni.
 167. INTERNATIONAL SYMPOSIUM ON THE LIPID TRIAD (TRIGLYCERIDES, HDL, LDL) AND CARDIOVASCULAR DISEASES. Milan, July 1993. *The Carotid Atherosclerosis Italian Ultrasound Study (CAIUS). Preliminary report on the reproducibility of the in vivo wall thickness determination*. A. Ventura, A. Poli, for the CAIUS Research Group. Participation as member of the CAIUS study group.
 168. INTERNATIONAL SYMPOSIUM ON THE LIPID TRIAD (TRIGLYCERIDES, HDL, LDL) AND CARDIOVASCULAR DISEASES. Milan, July 1993. *Effects of triglyceride rich lipoproteins on the synthesis of plasminogen activator inhibitor 1 (PAI-1) by HepG2 cells*. L. Sironi, L. Mussoni, L. Prati, D. Baldassarre, M. Camera, C. Banfi, E. Tremoli.
 169. INTERNATIONAL SYMPOSIUM ON THE LIPID TRIAD (TRIGLYCERIDES, HDL, LDL) AND CARDIOVASCULAR DISEASES. Milan, July 1993. Round table: Twenty years of activity of the Center Enrica Grossi Paoletti 1973-1993. *Effects of native and modified low density lipoproteins on functional and biochemical aspects of cells involved in the thrombotic process*. E. Tremoli, S. Colli, P. Maderna, L. Mannucci, S. Eligini, M. Camera, L. Sironi, M. Sirtori, F. Pazzucconi, L. Prati, D. Baldassarre, C. Banfi, L. Mussoni.
 170. ISCB-93. UK;1993. *A pattern-recognition approach to the imputation of missing data in serial ultrasonographic measurement*. F. Veglia, C. Gobbi, G. Gallus, on behalf of the CAIUS Research Group. Participation as member of the CAIUS study group.
 171. 6th EUROPEAN MEETING ON HYPERTENSION. Milan, 1993. *Plaque Hypertension Lipid Lowering Italian Study (PHYLLIS): a protocol for non-invasive evaluation of carotid atherosclerosis in hypercholesterolaemic hypertensive subjects*. The PHYLLIS Project Group. Participation as member of the PHYLLIS study group.
 172. XIVth Congress of the International Society on Thrombosis and Haemostasis. New York, USA 1993. *Plasminogen activator inhibitor type-1 mRNA expression is increased by triglyceride rich lipoproteins in human hepatoma cells*. L. Mussoni, G. Sironi, L. Prati, D. Baldassarre, M. Camera, E. Tremoli.
 173. 3rd INTERNATIONAL SYMPOSIUM, MULTIPLE RISK FACTORS IN CARDIOVASCULAR DISEASE VASCULAR AND ORGAN PROTECTION. Florence, July 1994. *Relation between hemostatic variables and changes of carotid intima-media thickness in PAD patients*. M. Cortellaro, E. Cofrancesco, E. Tremoli, D. Baldassarre, C. Boschetti, A. Colombo.
 174. 17th MEETING EUROPEAN LIPOPROTEIN CLUB. Tutzing (Germany), September 1994. *Regulation of plasminogen activator inhibitor type-1 by acetyl-LDL in endothelial cells*. C. Banfi, L. Mussoni, M. Camera, L. Prati, D. Baldassarre, E. Tremoli.
 175. XIIth INTERNATIONAL CONGRESS ON FIBRINOLYSIS. Leuven (Belgium), September 1994. *The stimulating effect of acetyl low density lipoproteins on PAI-1 in endothelial cells is mediated by the scavenger receptor*. L. Mussoni, C. Banfi, D. Baldassarre, M. Camera, L. Prati, E. Tremoli.
 176. XIIth INTERNATIONAL CONGRESS ON FIBRINOLYSIS. Leuven (Belgium), September 1994. *Mechanism involved in the increased expression of PAI-1 in HepG2 cells treated with very low density lipoproteins*. L. Mussoni, C. Banfi, L. Sironi, D. Baldassarre, L. Prati, E. Tremoli.
 177. XII INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. Houston (Texas) - USA, 1995. *Effect of Pravastatin on the progression of carotid artery atherosclerosis: the CAIUS clinical trial*. M. Mercuri, GM. Bond, CR. Sirtori, G. Bianchi, G. Crepaldi, G. Descovich,

- FS. Feruglio, G. Gallus, M. Mancini, G. Ricci, F. Veglia, G. D'Alò, A. Ventura. For the CAIUS Research Group. Participation as member of the CAIUS study group.
178. XII INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. Houston (Texas) - USA, 1995. *Regulation of plasminogen activator inhibitor type-1 by acetyl-LDL in Human umbilical vein endothelial cells.* M. Camera, C. Banfi, L. Mussoni, L. Prati, **D. Baldassarre**, F. Bernini, E. Tremoli.
 179. XII INTERNATIONAL SYMPOSIUM OF DRUG AFFECTING LIPID METABOLISM. Houston (Texas) - USA, 1995. *Effects of protein kinase C inhibitors and of gemfibrozil on the biosynthesis of plasminogen activator inhibitor type 1 by HepG2 cells exposed to very low density lipoproteins.* C. Banfi, E. Tremoli, L. Sironi, M. Porta, **D. Baldassarre**, L. Mussoni.
 180. XVth congress of the international society of Thrombosis and Haemostasis. Jerusalem, Israel. June 11-16, 1995. *Protein-Kinase-C inhibitors and gemfibrozil prevent the enhancing effect of very low density lipoproteins on the biosynthesis of plasminogen activator inhibitor type 1 by HepG2 cells.* E. Tremoli, C. Banfi, L. Sironi, M. Porta, **D. Baldassarre**, L. Mussoni.
 181. 3rd International Fibrinogen Symposium Hemostasis, inflammation and cardiovascular disease. Ulm, Germany. 3-4 May 1996. *Relationship between haemostatic variables and the progression of carotid atherosclerosis.* E. Tremoli, **D. Baldassarre**, E. Cofrancesco, C. Boschetti, M. Cortellaro.
 182. 66th CONGRESS OF THE EUROPEAN ATHEROSCLEROSIS SOCIETY. Florence, July 1996. *Additive effect of triglyceride and insulin as determinants of plasminogen activator inhibitor-1 levels in normo and hypertriglyceridemic subjects.* L. Mussoni, **D. Baldassarre**, L. Mannucci, E. Tremoli.
 183. 66th CONGRESS OF THE EUROPEAN ATHEROSCLEROSIS SOCIETY. Florence, July 1996. *Signaling pathways involved in the induction of PAI-1 by VLDL in HEPG2 cells.* C. Banfi, L. Mussoni, C. Quaglia, **D. Baldassarre**, E. Tremoli.
 184. VI WORLD CONFERENCE ON CLINICAL PHARMACOLOGY AND THERAPEUTICS (Acta Physiologica Pharmacologica et Therapeutica Latinoamericana). Buenos Aires (Argentina), August 1996. *Clinical response to probucol in hypercholesterolemia: peculiar sensitivity of different subpopulations.* F. Dorigotti, G. Peruzzotti, **D. Baldassarre**, F. Pazzucconi, CR. Sirtori.
 185. V WORLD CONFERENCE ON CLINICAL PHARMACOLOGY AND THERAPEUTICS. Buenos Aires (Argentina), August 1996. *Clinical response to probucol in hypercholesterolemia: peculiar sensitivity of different subpopulations.* F. Dorigotti, G. Peruzzotti, **D. Baldassarre**, F. Pazzucconi, CR. Sirtori.
 186. Ninety-eighth Annual Meeting of American Society for Clinical Pharmacology and Therapeutics, San Diego, California, March 5-8, 1997. *Platelet α_2 -adrenergic receptors density in hypercholesterolemia. Relationship with platelet sensitivity to epinephrine.* CR. Sirtori, **D. Baldassarre**, N. Mores, S. Colli, E. Tremoli, P. Preziosi.
 187. XVIth CONGRESS OF THE INTERNATIONAL SOCIETY ON THROMBOSIS AND HAEMOSTASIS. Florence, June 1997. *Additive effect of triglycerides and insulin as determinants of PAI-1 plasma levels in normo and hypertriglyceridemic subjects.* L. Mussoni, **D. Baldassarre**, L. Mannucci, E. Tremoli.
 188. XI^o INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS. Paris (France), 5-9 October 1997. *Carotid atherosclerosis and vascular risk factors in patients attending an italian lipid clinic.* M. Amato, **D. Baldassarre**, E. Tremoli, CR. Sirtori.
 189. XI^o INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS. Paris (France), 5-9 October 1997. *Variability sources in carotid ultrasound studies.* F. Veglia, GM. Bond, G. Gallus, on behalf of the CAIUS Research Group. Participation as member of the CAIUS study group.
 190. 70th Scientific Session of American Heart Association. Orlando (Florida), October 1997. *Carotid atherosclerosis progression varies according to baseline thickness in placebo and pravastatin treated subjects.* F. Veglia, M. Mercuri, C. Gobbi, A. Fratoni, **D. Baldassarre**, G. Gallus.
 191. International Society of Cardiovascular Pharmacotherapy (ISCP). *Insulin-resistance and triglycerides as independent predictors of the early macrovascular involvement in type 2 diabetic patients.* F. Vittone, C. Morizzo, M. Kozàková, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo.
 192. 6th INTERNATIONAL SYMPOSIUM ON GLOBAL RISK OF CORONARY HEART DISEASE AND STROKE: ASSESSMENT, PREVENTION, AND TREATMENT. Florence, June 12-15, 2002. *n-3 PUFA which*

- mechanisms?* E. Tremoli, **D. Baldassarre**, S. Colli, L. Mussoni, M. Amato, S. Eligini.
193. 19th scientific meeting of the international society of hypertension 12th European meeting on hypertension. Prague, Czech Republic 23-27. June 2002. *Carotid artery remodeling and compliance, insulin resistance, and lipid metabolism in type 2 diabetic patients* F. Vittone, C. Morizzo, M. Kozakova, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo.
 194. XVth international symposium of DRUG AFFECTING LIPID METABOLISM Venice, October 24-27, 2004. *The regression between multiple inflammatory markers and C-IMT in normocholesterolemic stable IHD. The effect of moderate dose of atorvastatina (MIAMI study)*. M. Arquati, B. Porta, M. Camera, **D. Baldassarre**, E. Tremoli, M. Cortellaro, on behalf of the MIAMI study group.
 195. XIV ISA Satellite symposium on NOVEL INSIGHTS IN ATHEROTHROMBOSIS: FROM PATHOPHYSIOLOGY TO THERAPY. Milan, June 16-17, 2006. *Different acute phase response to a standardized stimulus in patients with history of stable or unstable coronary heart disease*. JP. Werba, PG. Massironi, M. Frigerio, C. Biancardi, M. Amato, **D. Baldassarre**, F. Veglia, E. Tremoli, M. Camera.
 196. XIV ISA Satellite symposium on NOVEL INSIGHTS IN ATHEROTHROMBOSIS: FROM PATHOPHYSIOLOGY TO THERAPY. Milan, June 16-17, 2006. *Tissue factor A-603G genotype associates with carotid intima-media thickness in subjects undergoing cardiovascular risk prevention*. K. Gertow, M. Amato, JP. Werba, **D. Baldassarre**, M. Camera, E. Tremoli.
 197. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Effect of omega-3 PUFA on carotid IMT and haemostasis in hypertriglyceridemic patients: a longitudinal pilot study in primary prevention*. M. Amato, **D. Baldassarre**, S. Eligini, SS. Barbieri, L. Mussoni, B. Frigerio, M. Kozáková, E. Tremoli, CR. Sirtori and S. Colli.
 198. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Inflammatory markers and carotid intima media thickness (C-IMT) in stable IHD patients*. B. Porta, M. Camera, **D. Baldassarre**, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro.
 199. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *Normal endothelial function in carriers of the apolipoprotein A-milano mutant despite low HDL cholesterol levels*". M. Gomasaschi, **D. Baldassarre**, M. Amato, S. Eligini, CR. Sirtori, G. Franceschini and L. Calabresi.
 200. XIV International Atherosclerosis Symposium. Rome, June 18-22, 2006. *A standardized stimulus augment CRP similarly in patients with a history of stable or unstable CHD*. JP. Werba, PG. Massironi, M. Frigerio, C. Biancardi, M. Amato, **D. Baldassarre**, F. Veglia, E. Tremoli, M. Camera.
 201. XIX CONGRESS OF THE ITALIAN SOCIETY FOR STUDIES ON HEMOSTASIS AND THROMBOSIS (SISET). 14-17 September 2006. *Soluble E-Selectin and tissue factor pathway inhibitor, but not C-reactive protein, correlate with carotid intima-media thickness (C-IMT) in stable coronary patients: the baseline data of the MIAMI Study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro.
 202. Arteriosclerosis, Thrombosis, and Vascular Biology Annual Conference 2007. Chicago (IL)- USA, 2007. *Normal endothelial function in carriers of the apolipoprotein A-IMilano mutant despite low HDL-cholesterol levels*. M. Gomasaschi, P. Conca, **D. Baldassarre**, S. Eligini, CR. Sirtori, G. Franceschini, L. Calabresi.
 203. 76° Congress of the European Atherosclerosis Society (EAS) 2007. Helsinki (Finland), 2007. *Skin autofluorescence is associated with intima media thickness and complements commonly used cardiovascular risk scores*. DJ. Mulder, PL. Van Haelst, R. Graaff, RO. Gans, F. Zijlstra, **D. Baldassarre**, AJ. Smit.
 204. XXIst Congress of the International Society on Thrombosis and Haemostasis. Geneva (Switzerland), July 6-12, 2007. *E-selectin and TFPI are associated with carotid intima-media thickness in stable coronary patients: the baseline findings of the MIAMI study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arcuati, E. Tremoli, M. Cortellaro.
 205. XXIst Congress of the International Society on Thrombosis and Haemostasis. Geneva (Switzerland), July 6-12, 2007. *Association of Tissue Factor a-603g genotype with carotid intima-media thickness in subjects in cardiovascular risk prevention*. K. Gertow, D. Colnago, M. Amato, JP. Werba, **D. Baldassarre**, M. Camera, E. Tremoli.
 206. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *The MIAMI study (Markers of Inflammation and Atorvastatin effect in*

- previous Myocardial Infarction): results of a prospective, open-label, multicenter study.* M. Amato, **D. Baldassarre**, B. Porta, M. Camera, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro on behalf of the MIAMI Study Group.
207. XVIth international symposium of DRUG AFFECTING LIPID METABOLISM. New York (USA), October 4-7, 2007. *Cigarette smoke affects plasma fatty acid levels: an in vivo study.* P. Risè, S. Grezzi, S. Mattavelli, C. Manzoni, **D. Baldassarre**, D. Caruso, C. Galli.
208. 77th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Istanbul (Turkey), April 26-29, 2008. *The biochemical and cardiovascular consequences of LCAT deficiency.* L. Calabresi, **D. Baldassarre**, E. Moleri, P. Conca, S. Castelnuovo, G. Franceschini.
209. 77th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Istanbul (Turkey), 26-29 April 2008. *Association between lipid peroxidation and carotid artery intima media thickness in a European population study (IMPROVE PROJECT).* J. Karppi, K. Nyssonen, T. Nurmi, T. Kananen, **D. Baldassarre**, R. Rauramaa, U. de Faire, A.J. Smit, E. Mannarino, P. Giral, E. Tremoli.
210. 77th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Istanbul (Turkey), April 26-29, 2008. *Carotid intima media thickness as marker of atherosclerosis: results of the IMPROVE Study.* E. Tremoli, **D. Baldassarre**, R. Paoletti, R. Rauramaa, K. Nyssonen, U. de Faire, A. Hamsten, S. Humphries, A.J. Smit, E. Mannarino, P. Giral, E. Grossi, on behalf of the IMPROVE Study Group.
211. 7th International symposium on Multiple risk factors in cardiovascular diseases. Prevention and Intervention-Health Policy. Venice (Lido), Italy. 22-25 October 2008. *The MIAMI study: Markers of inflammation and atorvastatin effect in previous myocardial infarction): results of a prospective multicentre study.* B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro, F. Peregò.
212. XV INTERNATIONAL SYMPOSIUM ON ATHEROSCLEROSIS (ISA 2009). Boston (USA), June 2009. *Common carotid artery diameter as a marker of cardiovascular risk: preliminary results of the IMPROVE study.* M. Amato, **D. Baldassarre**, E. Tremoli, on behalf of the IMPROVE Study Group.
213. ESC CONGRESS 2009. Barcelona (Spain), August 29 - September 2, 2009. *Strong association between subclinical atherosclerosis and type of occupation in 3711 high risk European individuals.* F. Veglia, C.C. Tedesco, K. Nyssonen, **D. Baldassarre**, M. Amato, R. Rauramaa, U. de Faire, A. Hamsten, A.J. Smit, E. Mannarino, S. Humphries, P. Giral and E. Tremoli, on behalf of the IMPROVE Group.
214. 8th INTERNATIONAL CONGRESS ON CORONARY ARTERY DISEASE: FROM PREVENTION TO INTERVENTION (ICCAD). Prague (Czech Republic), October 11-14, 2009. *Common carotid artery diameter as a marker of cardiovascular risk: preliminary results of the IMPROVE study.* M. Amato, **D. Baldassarre**, E. Tremoli, on behalf of the IMPROVE Group.
215. AMERICAN HEART ASSOCIATION SCIENTIFIC SESSIONS 2010. Chicago (USA), November 13-17, 2010. *A proposed innovative approach to compute individual carotid intima-media thickness progression.* F. Veglia, **D. Baldassarre**, M. Amato, A. Ravani, D. Sansaro, C.C. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuovo, E. Tremoli, on behalf of the IMPROVE Group.
216. Society of Atherosclerosis Imaging and Prevention (SAIP) Annual Scientific Sessions 2011. Bethesda, (USA) April 15-17, 2011. *Fastest Carotid IMT progression: a marker of focal Intima-Media Thickness progression associated with vascular events.* F. Veglia, **D. Baldassarre**, M. Amato, A. Ravani, D. Sansaro, C.C. Tedesco, B. Frigerio, S. Castelnuovo, F. Bovis, E. Tremoli, on behalf of the IMPROVE Group.
217. 79th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Gothenburg, Sweden, June 26-29, 2011. *Biomarkers of inflammation and oxidative stress independently predict the progression of subclinical atherosclerosis.* D.J. Mulder, J.D. Lefrandt, **D. Baldassarre**, A.J. Smit, on behalf of the IMPROVE Study Group.
218. 79th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Gothenburg, Sweden, June 26-29, 2011. *Fastest IMT progression: A novel marker to analyze the evolution of Carotid Intima-Media Thickness.* F. Veglia, **D. Baldassarre**, M. Amato, A. Ravani, D. Sansaro, C.C. Tedesco, A. Discacciati, B. Frigerio, S. Castelnuovo, E. Tremoli, on behalf of the IMPROVE Study Group.
219. 80th EUROPEAN ATHEROSCLEROSIS SOCIETY (EAS) CONGRESS. Milan (Italy), May 25-28, 2012. *Effects of niacin extended-release and fenofibrate on endothelial function.* E. de Groot, **D. Baldassarre**, K. Coutant, E.J. Niesor, F. Lamour, R. Benghozi.
220. 80th EAS CONGRESS SATELLITE SYMPOSIUM - HIGH DENSITY LIPOPROTEINS: FROM BASIC

- SCIENCE TO THERAPEUTIC ADVANCES Milan (Italy), 28-29 May, 2012. *Effects of Niacin Extended-Release and Fenofibrate on Endothelial Function*. E. de Groot, **D. Baldassarre**, K. Coutant, E.J. Niesor, F. Lamour, R. Benghozi.
221. XXIV Congress of the International Society on Thrombosis and Haemostasis. Amsterdam (The Netherlands) 29- June - 4 July 2013. *PGE2 cigarette smoke-induced modulates endothelial tissue factor: role of EP1 receptor and SIRT1*. P. Amadio, S.S. Barbieri, **D. Baldassarre**, E. Tarantino, M. Amato, A. Ravani, B. Weksler and E. Tremoli.
222. CONGRESS OF THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC). Munchen (Germany) August 25-29, 2012. *Serum 25-hydroxyvitamin D relationships to carotid intima-media thickness (cIMT) and cIMT progression in a European high-risk population*. A. Deleskog, O. Pikasova, C-G. Östenson, **D. Baldassarre**, F. Veglia, E. Tremoli, J. Öhrvik, A. Hamsten, on behalf of the IMPROVE study group.
223. CONGRESS OF THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC). Munchen (Germany) August 25-29, 2012. *Low levels of IgM antibodies against phosphorylcholine (anti-PC) increase the risk of ischemic cardiovascular events among European men at high risk of cardiovascular events*. B. Gigante, K. Leander, M. Vikström, K. Gertow, R. Strawbridge, B. Sennblad, F. Veglia, **D. Baldassarre**, S. Shah, D. Zabaneh, S. Humphries, E. Tremoli, A. Hamsten, J. Frostegård, U. de Faire for the IMPROVE Study Group.
224. CONGRESS OF THE EUROPEAN SOCIETY OF CARDIOLOGY (ESC). Munchen (Germany) August 25-29, 2012. *Prediction of cardiovascular events in a European high-risk population by an easily measured metabolic index*. J. Öhrvik, K. Gertow, R. Strawbridge, B. Sennblad, A. Silveira, **D. Baldassarre**, B. Gigante, E. Tremoli, U. De Faire, A. Hamsten.
225. American Heart Association. Life is why. Scientific session 2017. 11-15 November 2017. *Novel Genetic Variants Associated With Circulating Soluble Glycoprotein 130 Levels in The IMPROVE Study*. A. Bonomi, F. Veglia, **D. Baldassarre**, Z. Golabkesh, R. Strawbridge, A. Hamsten, E. Tremoli, U. de Faire, B. Gigante.
226. American Heart Association. Life is why. Scientific session 2017. 11-15 November 2017. *Identification of NCF4 as a Novel Regulator in Arterial Remodeling and Advanced Atherosclerosis*. K. Gertow, H. Jin, L. Olsson, M. Gonzalez-Diez, M. Sabater-Lleal, R.J. Strawbridge, B. Sennblad, J. Öhrvik, D. Zabaneh, S. Shah, F. Veglia, L. Folkersen, B. Gigante, K. Leander, M. Vikström, A. Silveira, G. Colombo, A. Gabrielsen, U. Hedin, A. Franco-Cereceda, G. Paulsson-Berne, K. Nyssönen, T. Tuomainen, K. Savonen, R. Rauramaa, A.J. Smit, P. Giral, E. Mannarino, SW. van der Laan, G. Pasterkamp, P. Eriksson, **D. Baldassarre**, E. Tremoli, U. de Faire, SE. Humphries, A. Hamsten, R. Holmdahl, L. Maegdefessel.
227. ESC (European Society of Cardiology) Congress 2018 Munich (Germany) 25-29 August 2018. *Interleukin 8 (IL-8), but not GRO-α, associates with carotid intima-media thickness. Results from the IMPROVE study*. I. Moreno Velasquez, A. Malarstig, **D. Baldassarre**, A. Silveira, F. Veglia, K. Leander, E. Tremoli, S. Humphries, A. Linden, A. Hamsten, U. De Faire, R.J. Strawbridge, B. Gigante.
228. ESC (European Society of Cardiology) Congress 2018 Munich (Germany) 25-29 August 2018. *Patients with aortic valve sclerosis show a different circulating miRNA profile compared to healthy subject*. P. Songia, M. Chiesa, V. Myasoedova, P. Gripari, V. Valerio, S. Montanari, D. Moschetta, M. Pepi, G.I. Colombo, **D. Baldassarre**, P. Poggio.
229. XXVI World Congress of Psychiatric Genetics. Glasgow (Scotland). October 11 - 15, 2018. *Genetic analysis of CADM2, a plausible link between mental and physical health*. J. Morris, M.E.S. Bailey, **D. Baldassarre**, B. Cullen, U. de Faire, A. Ferguson, B. Gigante on behalf of the IMPROVE study group, P. Giral, A. Goel, N. Graham, A. Hamsten, S.E. Humphries, K.J.A. Johnston, D.M. Lyall, L.M. Lyall, B. Sennblad, A. Silveria, A.J. Smit, E. Tremoli, F. Veglia, J. Ward, H. Watkins, D.J. Smith and R.J. Strawbridge

Participations at national meetings as co-author

230. 12TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS. (SISSET) Parma, September 1992. *Atherogenic lipoproteins and synthesis of PAI-1 in endothelial cells*. M. Camera, L. Mussoni, P. Maderna, L. Prati, L. Sironi, **D. Baldassarre**, S. Colli, F. Bernini, E. Tremoli.
231. XIIIth NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS. Lanciano, June 1994. *Relationship between haemostatic variables and change of carotid artery intima-media thickness in patients with peripheral ischemic disease*. M.

- Cortellaro, E. Cofrancesco, E. Tremoli, **D. Baldassarre**, C. Boschetti, A. Colombo.
232. XIIIth NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS. Lanciano, June 1994. *Effect of VLDL on mRNA expression for PAI-1 in HepG2 cells*. L. Sironi, L. Mussoni, L. Prati, M. Camera, M. Porta, **D. Baldassarre**, C. Banfi, E. Tremoli.
233. XIIIth NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS. Lanciano, June 1994. *Acetylated LDL and synthesis of PAI-1 by endothelial cells: role of scavenger receptor*. L. Mussoni, C. Banfi, **D. Baldassarre**, L. Prati, E. Tremoli.
234. XXVII NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. Turin, 25-29 September 1994. *Effect of atherogenic lipoproteins on prothrombotic and antifibrinolytic properties of vascular endothelium*. E. Tremoli, M. Camera, L. Prati, C. Banfi, **D. Baldassarre**, L. Sironi, L. Mussoni.
235. XIV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS. Bergamo, July 1996. *PAI-1 induction by VLDL in HEPG2 cells: mechanisms of transduction*. C. Banfi, L. Mussoni, **D. Baldassarre**, E. Tremoli.
236. 11th NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Vibo Valentia, December 1997. *Triglycerides as predictor of tissue activator and of tissue plasminogen activator inhibitor type 1 levels in non obese normo and hypertriglyceridemic subjects*. L. Mussoni, **D. Baldassarre**, L. Mannucci, CR. Sirtori, E. Tremoli.
237. XIII NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Milan, December 1999. *B-mode imaging and intima media thickness: analog VS digital technologies*. M. Amato, **D. Baldassarre**, E. Tremoli, CR. Sirtori.
238. XV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Rome, November-December 2001. *HDL atherogenesis and reverse cholesterol transport*. G. Franceschini, **D. Baldassarre**, F. Bernini, L. Calabresi.
239. 62^o National Congress of the Cardiology Society. Rome, Italy 8-12 December 2001. *Remodeling and compliance of carotid artery, insulin resistance and lipid metabolism in type 2 diabetic patients*. F. Vittone, C. Morizzo, M. Kozáková, A. Natali, E. Toschi, **D. Baldassarre**, M. Amato, E. Ferrannini, C. Palombo.
240. XV NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Chieti, November 2002. *Cardiovascular risk assessment in primary and secondary prevention and carotid atherosclerosis*. Ferrari Bravo F, **D. Baldassarre**, L. Pustina, S. Castelnuovo, M. Amato, E. Tremoli, and CR. Sirtori.
241. XIX CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF HAEMOSTASIS AND THROMBOSIS, Milan, September 2006. *Tissue Factor A-603G genotype associates with carotid intima-media thickness in subjects undergoing cardiovascular risk prevention*. K. Gertow, D. Colnago, M. Amato, JP. Werba, **D. Baldassarre**, M. Camera, E. Tremoli.
242. VI Regional Study Day of the ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). "The cardiovascular prevention" Milan, September 2006. *Plasma fatty acid profile is different in hyperlipidemic subjects smokers compared with non-smokers*. S. Ghezzi, P. Risé, **D. Baldassarre**, C. Galli.
243. VI Regional Study Day of the ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). "The cardiovascular prevention" Milan, September 2006. *Endothelial dysfunction in hypoalphalipoproteinemia: the apoA-I MILAN paradox*. M. Gomaraschi, **D. Baldassarre**, M. Amato, S. Eligini, CR. Sirtori, G. Franceschini and L. Calabresi.
244. XX NATIONAL CONGRESS OF THE ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS. Bologna 16-19 November 2006. *Tissue factor A-603G genotype associates with carotid intima-media thickness in subjects undergoing cardiovascular risk prevention*. K. Gertow, D. Colnago, M. Amato, JP. Werba, **D. Baldassarre**, M. Camera, E. Tremoli.
245. 108^o National Congress Of The Italian Society Internal Medicine (SIMI), Rome, 2007. *E-selectin and TFPI correlated with carotid intima-media thickness in patients with stable ischemic heart disease: The baseline findings of the MIAMI study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, E. Tremoli, M. Cortellaro.
246. 108^o NATIONAL CONGRESS OF THE ITALIAN SOCIETY INTERNAL MEDICINE (SIMI), Rome, 2007. *Effects of Atorvastatin on soluble markers and on carotid atherosclerosis: results of the MIAMI study*. B. Porta, **D. Baldassarre**, M. Camera, M. Amato, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro.

247. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *The MIAMI Study (markers of inflammation and atorvastatin effect in previous myocardial infarction): results of a prospective, open-label, multicenter study*. M. Amato, **D. Baldassarre**, B. Porta, M. Camera, M. Arquati, F. Veglia, E. Tremoli, M. Cortellaro.
248. XXI NATIONAL CONGRESS ITALIAN SOCIETY FOR THE STUDY OF THE ATHEROSCLEROSIS (SISA). Perugia, November 21-24, 2007. *Normal endothelial function despite low HDL-cholesterol levels in carriers of the apolipoprotein A-I_{Milano} mutant*. M. Gomaschi, **D. Baldassarre**, M. Amato, S. Eligini, P. Conca, CR. Sirtori, G. Franceschini, L. Calabresi.
249. SISA REGIONAL CONGRESS (SECTION LOMBARDIA). THE SUBJECT AT HIGH CARDIOVASCULAR RISK: AN INTEGRATED APPROACH. Milan 15-16 April 2011. *LCAT and intima media thickness in European individuals at high cardiovascular risk*. S. Simonelli, L. Calabresi, **D. Baldassarre**, M. Gomaschi, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, E. Mannarino, F. Veglia, C.R. Sirtori, G. Franceschini, E. Tremoli on behalf of the IMPROVE study.
250. V MONOTHEMATIC CONGRESS OF THE SIF (*Italian Society of Pharmacology*). THEROTHROMBOSIS: FROM BASIC RESEARCH TO THE CLINIC. Milan 3-4 November 2011. *Tobacco smoke and atherosclerosis: gender specific differences*. F. Bovis, F. Veglia, **D. Baldassarre**, M. Amato, CC. Tedesco, A. Ravani, D. Sansaro, B. Frigerio, E. Tremoli, on behalf of the improve study group.
251. XXVI National Congress Italian Society for the Study of the Atherosclerosis (SISA). Rome, 28-30 November 2012. *Plasma cholesteryl ester transfer protein (CETP) and carotid intima-media thickness in european individuals at high cardiovascular risk*. S. Simonelli, **D. Baldassarre**, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, F. Veglia, G. Franceschini, E. Tremoli, L. Calabresi on behalf of the IMPROVE study.
252. Next Step: La giovane ricerca avanza. Milan, July, 17 2013. *“Plasma cholesteryl ester transfer protein (CETP) and carotid intima-media thickness in european individuals at high cardiovascular risk”*. C. Vitali, **D. Baldassarre**, K. Gertow, S. simonelli, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, F. Veglia, G. Franceschini, E. Tremoli, L. Calabresi on behalf of the IMPROVE study investigators.
253. XII Giornata di Studio della Società Italiana per lo Studio dell'Arteriosclerosi (SISA), Sezione Regionale Lombarda. - Ricerca clinica e di base nell'area cardiovascolare (Il soggetto ad alto rischio cardiovascolare). Milano, 4-5 Ottobre 2013. *Concentrazione plasmatica di CETP e spessore medio-intimale carotideo (IMT) in individui europei ad alto rischio cardiovascolare*. C. Vitali, **D. Baldassarre**, K. Gertow, S. Simonelli, M. Amato, S. Castelnuovo, B. Frigerio, A. Ravani, D. Sansaro, F. Veglia, G. Franceschini, E. Tremoli, L. Calabresi on behalf of the Improve Study Investigators.
254. 36TH NATIONAL CONGRESS OF THE ITALIAN SOCIETY OF PHARMACOLOGY. The role of pharmacological research for the growth and health in Italy. Milan, 23-26 October 2013. *PGE2 cigarette smoke-induced modulates endothelial Tissue Factor: role of EP1 receptor and SIRT1*. P. Amadio, S.S. Barbieri, **D. Baldassarre**, E. Tarantino, M. Amato, A. Ravani, B. Weksler, E. Tremoli.
255. WWW.CARDIOLOGICOMONZINO.IT Training event organized by Centro Cardiologico Monzino. Milan, 27- February 2015. *Tobacco smoke upregulates tissue factor activity with a mechanism involving platelet BDNF*. P. Amadio, **D. Baldassarre**, E. Tarantino, E. Tremoli, and S.S. Barbieri.
256. WWW.CARDIOLOGICOMONZINO.IT Training event organized by Centro Cardiologico Monzino. Milan, 27- February 2015. *PGE2 cigarette smoke-induced modulates tissue factor in endothelial cells: role of ep1 receptor and SIRT1*. Amadio P, Baldassarre D, Tarantino E, Amato M, Weksler BB, Tremoli E, Barbieri SS.
257. WWW.CARDIOLOGICOMONZINO.IT Training event organized by Centro Cardiologico Monzino. Milan, 27- February 2015. *Brachial artery diameter enlargement: a new marker of atherosclerosis?* A. Ravani, M. Amato, D. Sansaro, B. Frigerio, JP. Werba, S. Castelnuovo, F. Veglia, E. Tremoli, and **D. Baldassarre**.
258. WWW.CARDIOLOGICOMONZINO.IT Training event organized by Centro Cardiologico Monzino. Milan, 27- February 2015. *Innovative statistical methods to detect associations between risk factors, subclinical atherosclerosis and vascular events - results from the IMPROVE study*. A. Bonomi, F. Veglia, C. Tedesco, M. Amato, **D. Baldassarre**, El. Tremoli, on behalf of the IMPROVE Study Group.

259. WWW.CARDIOLOGICOMONZINO.IT Training event organized by Centro Cardiologico Monzino. Milan, 27- February 2015. *Development of a new score reflecting family history of cardiovascular disease*. M. Amato, A. Ravani, D. Sansaro, B. Frigerio, F. Veglia, S. Castelnuovo, A. Bonomi, CC. Tedesco, E. Tremoli, D. Baldassarre, on behalf of the IMPROVE study group.

Seminars

1. Seminar as part of the training event: "www.cardiologicomonzino.it" organized by Centro Cardiologico Monzino. Title: *Echogenicity of carotid plaques and cardiovascular events*. Milano, 08-09 Marzo 2018.
2. Seminar as part of the training event: "www.cardiologicomonzino.it" organized by Centro Cardiologico Monzino. Title: *Integrating carotid imaging and "omic" biomarkers for the Assessment of Cardiovascular Risk* Milan, 09-10 March - 2017.
3. Seminar as part of the training event: "www.cardiologicomonzino.it" organized by Centro Cardiologico Monzino. Title: *Two innovative imaging biomarkers of cardiovascular diseases*. Milan, 03-04 March - 2016.
4. Teacher in the course of vascular cannulation with ultrasound support. (Dir. Prof. Marco Agrifoglio). Title: "Use of B-mode ultrasonography for the estimation of cardiovascular risk". Milan, 07 March 2018.
5. Seminar as part of the training event "www.cardiologicomonzino.it" organized by Centro Cardiologico Monzino. Title: *The "-omic" approach in cardiovascular ultrasound*. Milan, 27-February 2015.
6. Lecturer at the third edition of the Summer School S.I.S.A. "Genetics and Atherosclerosis." Title: *"Non-invasive investigations of the arterial system"*.
7. Sabaudia (LT), 18/20 June 2014. Lecturer at the event: "International workshop project Artificial Adaptive systems in Medicine." Title: *The ANN-IDA project "Artificial Neural Network in the development of Innovative Diagnostic systems for Atherosclerotic disease"*. Rome 25-29 November 2013.
8. Teacher at the ECM event "Take care of your heart" organized by Provider Multimedia Systems srl accredited with ID 120. Title: *Role of carotid IMT in the stratification of cardiovascular risk*. Milan 17 April 2013.
9. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Current lines of development of the clinical, pharmacological and technological research in cardiovascular area*. Milan, 30 November 2012.
10. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Introduction to biostatistics*. Milan, 30 November 2012.
11. Teacher at the ECM event "nurse and gender health" organized by the Giovanni Lorenzini Foundation, Italy, and by the Italian and European societies of gender medicine. Title: *The peculiarities of the Gender medicine approach and the research: what interest*. Varese 23, November 2012.
12. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Clinical trials: general principles*. Milan, 16 November 2012.
13. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Gender medicine*. Milan, 16 November 2012.
14. Seminar at the clinical-scientific meeting entitled "*Utilities dell'ecodoppler carotid vascular risk assessment*", organized by the School of Specialization in Internal Medicine, University of Ferrara. Ferrara, 17 May 2011.
15. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Clinical trials: general principles*. Milan, 6 October 2011.
16. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Clinical trials: the protocol*. Milan, 6 October 2011.
17. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Current lines of development of the clinical,*

- pharmacological and technological research in cardiovascular area. Milan, 7 October 2011.*
18. Lesson in the "course for master of first level in nursing in Cardiovascular Area" Faculty of Medicine and Surgery - University of Milan. Title: *Introduction to biostatistics*. Milan, 7 October 2011.
 19. Teacher at the ECM event "*The global cardiovascular risk*" organized by Monzino Cardiology Center. Title: *Identification of patients at high risk of cardio- cerebro-vascular events using the algorithm developed by the Italian Ministry of Health: advantages deriving from the measurement of intima-media thickness of extracranial carotid arteries used as surrogate endpoint of vascular events*. Milan, 8 July 2009.
 20. Teacher at the ECM event "*The global cardiovascular risk*" organized by Monzino Cardiology Center. Title: *Contribution of non invasive vascular imaging in the estimation of the individual cardiovascular risk*. Milan, July 8, 2009.
 21. Teacher in the accredited ECM training course "*Atherosclerosis: intervention studies*" organized by SISA Piemonte, Department of Internal Medicine - University of Torino. Title: "*Carotid artery intima media thickness as a surrogate end-point of cardiovascular events in interventional studies*". Turin, May 16, 2009.
 22. Teacher at the ECM event "*Meetings in clinical cardiology*" organized by the European Institute of Oncology. Title: "*Usefulness of EcoDoppler TSA in the evaluation of vascular and coronary risk*". Milan, December 2008.
 23. Seminar at the "World Heart Day 2006". Title: *Multiple therapy in elderly: advantages and limitation*. Milan, September 2006.
 24. Teacher at the ECM event organized by Monzino Cardiology Center. Title: "*Carotid artery intima media thickness (IMT) as a surrogate marker of atherosclerosis to investigate the effects of therapeutical interventions*". Milan, February 2006.
 25. Teacher at the ECM event "Clinical implication of endothelial dysfunction: recognition, prognosis and treatment" organized by the Institute of Clinical Physiology of the National Research Council (CNR). Title: "*Techniques for the evaluation of endothelial dysfunction*". November 29, 2005.
 26. Teacher at the ECM event organized by Monzino Cardiology Center for the "Tuesday Seminars". Title: "*Carotid arteries intima-media thickness (IMT) as an index of coronary heart disease*". Milan, November 2004.
 27. Formative Event nr 2664-47902. 1st Edition: "*Acting on cholesterol. The modern clinic of statins*". Padoa, May 17, 2003.
 28. Seminar at the VII National Course "ANCE", entitled: "*The cardiologist and the peripheral vascular diseases*". Cagliari, September 2002.
 29. Seminar organized by the Nutrition Foundation of Italy entitled: "*Artificial Intelligence: applicative chances in medicine*". Milan, July 2002.
 30. Seminar for the Research group for the study of dysmetabolic diseases and atherosclerosis. Title: *Non-invasive methodologies for the study of drug efficacy on the progression of atherosclerotic plaques*. Venice, October 1999.
 31. Seminar at the update meeting of Department of Pharmacological Sciences. Title: "*High-resolution ultrasonography in the non-invasive diagnosis of peripheral arterial disease*". Milan, May 8, 1998.

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Data, 23-01-2019

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