

**PERSONAL INFORMATION** **ALBERTO CORSINI****DIRECTOR OF THE DEPARTMENT OF PHARMACOLOGICAL AND BIOMOLECULAR SCIENCES, UNIVERSITY OF MILAN, ITALY****WORK EXPERIENCE**

- From 1/10/2017 - ongoing** Director of the Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.
- From 2015 to 2017** Coordinator of the Doctorate in Pharmacological, Experimental and Clinical Sciences, University of Milan, Italy.
- From 2006 - ongoing** Coordinator and Scientific Director of the Master in Oncological Pharmacy and Pharmacology, University of Milan, Milan, Italy.
- From 2005 - ongoing** Full Professor of Pharmacology, Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.
- Director of the Laboratory of Cellular Pharmacology of Atherosclerosis, Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.
- 1998-2004** Associate Professor BIO/14-Pharmacology, Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy.
- From 2003 - ongoing** Professor for the Specialization School in Hospital Pharmacy, University of Milan, Milan, Italy.
- From 2002 - ongoing** Professor of “Pharmacology and Pharmacotherapy” for the master’s degree in Pharmaceutical Chemistry and Technology, University of Milan, Milan, Italy.
- 2001-2002** Professor of “Pharmacology and Active Principles as Pharmacological Tools” course in Herbal Medicine Class, University of Milan, Italy.
- 1996-2003** Professor for the Specialization School in Pharmacology, University of Milan, Milan, Italy.
- 1994-2003** Professor for the Specialization School in Toxicology, University of Milan, Milan, Italy.
- 1998-2001** Professor of Pharmacokinetics for the master’s degree in Pharmaceutical Chemistry and Technology, University of Milan, Italy
- 1990-1998** Assistant Professor of Pharmacology, Institute of Pharmacological Sciences, University of Milan, Italy.

**EDUCATION AND TRAINING**

- 1993-1999** Visiting Scientist, Department of Biochemistry (Howard Hughes Medical Institute), University of Washington, Seattle, USA
- 1990** Ph.D. in “Experimental Medicine: Atherosclerosis”, University of Siena, Italy

- 1986-1987 Postdoctoral Fellow, Gladstone Foundation Laboratories for Cardiovascular Disease, Cardiovascular Research Institute, Department of Pathology and Medicine, University of California, San Francisco, USA
- 1983 Ph.D. in “Experimental Pharmacology”, University of Milan, Italy
- 1981 Master’s degree in pharmacy, “Magna cum Laude”, University of Milan, Italy.

**PERSONAL SKILLS**

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

*Communication skills* The interpersonal skills of professor Corsini are documented by his distinctive role of Director and by his tutoring activity during of experimental thesis period of many students

*Organisational / managerial skills*

- 2011 - ongoing Member of the Steering Committee of Italian Society of Atherosclerosis
- 2007 - ongoing Scientific Secretary of the Pharmacokinetic course “Pharmacokinetics and Clinical Pharmacology in geriatric patients”, Milan, Italy.
- 2006 - ongoing Coordinator of the advanced course in Oncological Pharmacy and of the Master in Oncological Pharmacy and Pharmacology, University of Milan, Milan, Italy.
- 2005 Scientific Secretary of the Pharmacokinetic course “Role of biological transporters in drugs kinetics”, Refresher training in Pharmacokinetics, Milan, Italy.
- 2004 Scientific Secretary of the Pharmacokinetic course “Volume of distribution, drug-protein interaction, clearance: fundamental parameters in pharmacokinetics”, Milan, Italy.
- 2002 Scientific Secretary of the Pharmacokinetic course “From drug discovery to drug interaction”, Refresher training in Pharmacokinetics, Milan, Italy.
- Scientific Secretary of the Congress “Global risk of coronary heart disease and stroke: Assessment, prevention and treatment”, Florence, Italy.
- Advisory Board Member of “XII International Vascular Biology Meeting”, Karizawa, Japan.
- 2001 Scientific Secretary of the Congress “Updates and novel therapeutic approaches in oncology”, Milan, Italy.
- Scientific Secretary of the Pharmacokinetic course “Synergism between Biopharmaceutic and pharmacokinetics: in vivo- in vitro correlations”, Milan, Italy.

- 2000 Scientific Secretary of the International course “Therapy and prevention of cardiovascular disease: hypolipidemic drugs”, Lugano, Italy.  
  
Scientific Secretary of the Pharmacokinetic course “Pharmacokinetics considerations from drug discovery and development to drug approval”, Milan, Italy.  
  
Advisory Board Member of XI International Vascular Biology Meeting, Geneva, Swiss.
- 1999 Scientific Secretary of the II Refresher training course “Pharmacological and toxicological consideration in oncological drugs”, Milan, Italy.  
  
Member of the Scientific Committee of the Advanced course in “European Drug Approval Process”, Venice, Italy.
- 1998 Scientific Secretary of the Pharmacokinetic course “Pharmacokinetics aspects from basic research to clinic”, Milan, Italy.  
  
Member of the Scientific Committee of “XIII International Symposium on drug affecting lipid metabolism”, Florence, Italy.  
  
Member of the Local Committee of the “5<sup>th</sup> International Symposium Multiple risk factors in cardiovascular disease, Global assessment and intervention”, Venice, Italy.
- 1996 Member of the Scientific Committee of “66<sup>th</sup> Congress of the European Atherosclerosis Society”, Florence, Italy.
- 1993 Member of the Steering Committee of the “International Symposium on the Lipid Triad (triglycerides, HDL and LDL) and Cardiovascular diseases”, Florence, Italy.
- 1992 Member of the Scientific Committee of “XI International Symposium on Drug Affecting Lipid Metabolism”, Florence, Italy.
- 1991 Member of the Scientific Committee of the Congress “Pharmacological control of platelets-endothelial interaction”, Milan, Italy.  
  
Member of the Scientific Committee of the meeting “High Density Lipoprotein: physiopathology and clinical relevance”, Bellagio, Italy.  
  
Member of the Steering Committee of the Congress “Triglycerides: the role in diabetes and atherosclerosis”, Vienna, Italy.

*Digital skills*

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient users	Proficient users	Proficient users	Proficient users	Proficient users

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

*Other skills*

High expertise in radioactive and biological analysis in the field of pharmacological research.

*Driving licence*

B

**ADDITIONAL INFORMATION***Honours and awards*

1998

Winner of the Scholarship awarded by the International Society of Atherosclerosis with the project entitled "Role of prenylated proteins on cellular morphology and proliferation". The project was realized in the research laboratory directed by Prof. John Glomset, University of Washington, Seattle, WA, USA.

1985 - 1989

Winner of the Scholarship for the Doctorate in "Experimental Medicine: Atherosclerosis". The project was realized in the research laboratory directed by Prof. G. Weber, University of Siena, Italy.

1984 - 1985

Winner of the Scholarship awarded by the Nutrition Foundation of Italy.

*Memberships*

- Member of the Italian Society of Pharmacology (since 1984)
- Member of the Italian Society of Atherosclerosis (since 1984)
- Member of the European Atherosclerosis Society (since 2012)
- Member of The New York Academy of Sciences (since 1984)
- Member of the American Heart Association (since 1986)
- Member of the International Atherosclerosis Society (since 1984)
- Member of the Steering Committee of Italian Society of Atherosclerosis (since 2011)

*References*

- Clinical Therapeutics
- Cardiovascular Drug and Therapy
- Pharmacological Research
- Cancer and Aging
- European Cardiology

*Publications*

1. Zenti, M.G., Altomari, A., Lupo, M.G., Botta, M., Bonora, E., Corsini, A., Ruscica, M., Ferri, N. (2018) *European Journal of Preventive Cardiology*, doi: 10.1177/2047487318792626.
2. Ricci, C., Ruscica, M., Camera, M., Rossetti, L., Macchi, C., Colciago, A., Zanotti, I., Lupo, M.G., Adorni, M.P., Cicero, A.F.G., Fogacci, F., Corsini, A., Ferri, N. Response in macrophages (2018) *Scientific Reports* 8 (1), p. 2267.
3. Gelosa, P., Castiglioni, L., Tenconi, M., Baldessin, L., Racagni, G., Corsini, A., Bellosa, S. Pharmacokinetic drug interactions of the non-vitamin K antagonist oral anticoagulants (NOACs) (2018) *Pharmacological Research*, 135, pp. 60-79.
4. Ruscica, M., Simonelli, S., Botta, M., Ossoli, A., Lupo, M.G., Magni, P., Corsini, A., Arca, M., Pisciotta, L., Veglia, F., Franceschini, G., Ferri, N., Calabresi, L. Plasma PCSK9 levels and lipoprotein distribution are preserved in carriers of genetic HDL disorders (2018) *Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids*, 1863 (9), pp. 991-997.
5. Poli, A., Barbagallo, C.M., Cicero, A.F.G., Corsini, A., Manzato, E., Trimarco, B., Bernini, F., Visioli, F., Bianchi, A., Canzone, G., Crescini, C., de Kreutzenberg, S., Ferrara, N., Gambacciani, M., Ghiselli, A., Lubrano, C., Marelli, G., Marrocco, W., Montemurro, V., Parretti, D., Pedretti, R., Perticone, F., Stella, R., Marangoni, F. Nutraceuticals and functional foods for the control of plasma cholesterol levels. An intersociety position paper (2018) *Pharmacological Research*, 134, pp. 51-60.
6. Ruscica, M., Macchi, C., Pavanello, C., Corsini, A., Sahebkar, A., Sirtori, C.R. Appropriateness of statin prescription in the elderly (2018) *European Journal of Internal Medicine*, 50, pp. 33-40.
7. Mach, F., Ray, K.K., Wiklund, O., Corsini, A., Catapano, A.L., Bruckert, E., De Backer, G., Hegele, R.A., Hovingh, G.K., Jacobson, T.A., Krauss, R.M., Laufs, U., Leiter, L.A., März, W., Nordestgaard, B.G., Raal, F.J., Roden, M., Santos, R.D., Stein, E.A., Stroes, E.S., Thompson, P.D., Tokgözoğlu, L., Vladutiu, G.D., Gencer, B., Stock, J.K., Ginsberg, H.N., Chapman, M.J. Adverse effects of statin therapy: perception vs. the evidence - focus on glucose homeostasis, cognitive, renal and hepatic function, haemorrhagic stroke and cataract (2018) *European Heart Journal* 14; 39(27):2526-2539.
8. Ferri, N., Corsini, A., Sirtori, C.R., Ruscica, M. Present therapeutic role of cholesteryl ester transfer protein inhibitors (2018) *Pharmacological Research*, 128, pp. 29-41.
9. Castiglioni, S., Monti, M., Buscherini, G.A., Arnaboldi, L., Canavesi, M., Corsini, A., Bellosa, S. The dataset describes: Phenotypic changes induced by cholesterol loading in smooth muscle cells isolated from the aortae of C57BL/6 mice (2018) *Data in Brief*, 16, pp. 334-340.
10. Rogliani, P., Brusasco, V., Fabbri, L., Ungar, A., Muscianisi, E., Barisone, I., Corsini, A., De Angelis, G. Multidimensional approach for the proper management of a complex chronic patient with chronic obstructive pulmonary disease (2018) *Expert Review of Respiratory Medicine*, 12 (2), pp. 103-112.
11. Bellosa, S., Corsini, A. Statin drug interactions and related adverse reactions: an update (2018) *Expert Opinion on Drug Safety*, 17 (1), pp. 25-37.
12. Ruscica, M., Ferri, N., Corsini, A., Sirtori, C.R. PCSK9 antagonists and inflammation (2018) *Atherosclerosis*, 268, pp. 235-236.
13. Castiglioni, S., Monti, M., Arnaboldi, L., Canavesi, M., Ainis Buscherini, G., Calabresi, L., Corsini, A., Bellosa, S. ABCA1 and HDL3 are required to modulate smooth muscle cells phenotypic switch after cholesterol loading (2017) *Atherosclerosis*, 266, pp. 8-15.
14. Ferri, N., Marchianò, S., Lupo, M.G., Trenti, A., Biondo, G., Castaldello, P., Corsini, A. Geranylgeraniol prevents the simvastatin-induced PCSK9 expression: Role of the small G protein Rac1 (2017) *Pharmacological Research*, 122, pp. 96-104.
15. Ferri, N., Corsini, A., Sirtori, C.R., Ruscica, M. Bococizumab for the treatment of hypercholesterolaemia (2017) *Expert Opinion on Biological Therapy*, 17(7), pp. 909-910
16. Ferri, N., Corsini, A., Sirtori, C., Ruscica, M. PPAR- $\alpha$  agonists are still on the rise: an

- update on clinical and experimental findings (2017) *Expert Opinion on Investigational Drugs*, 26 (5), pp. 593-602.
17. Ferri, N., Corsini, A., Sirtori, C.R., Ruscica, M. Bococizumab for the treatment of hypercholesterolaemia (2017) *Expert Opinion on Biological Therapy*, 17 (2), pp. 237-243.
  18. Corsini, A. Low-density lipoprotein cholesterol variability increases the risk of cardiovascular events: The importance of keeping constant low cholesterol levels (2017) *Journal of Cardiovascular Medicine*, 18, pp. e91-e93.
  19. Adorni, M.P., Cipollari, E., Favari, E., Zanotti, I., Zimetti, F., Corsini, A., Ricci, C., Bernini, F., Ferri, N. Inhibitory effect of PCSK9 on Abca1 protein expression and cholesterol efflux in macrophages (2017) *Atherosclerosis*, 256, pp. 1-6.
  20. Catapano, A.L., Graham, I., De Backer, G., Wiklund, O., Chapman, M.J., Drexel, H., Hoes, A.W., Jennings, C.S., Landmesser, U., Pedersen, T.R., Reiner, Z., Riccardi, G., Taskinen, M.-R., Tokgozoglu, L., Verschuren, W.M.M., Vlachopoulos, C., Wood, D.A., Zamorano, J.L., Badimon, L., Funck-Brentano, C., Agewall, S., Barón-Esquivias, G., Borén, J., Bruckert, E., Cordero, A., Corsini, A., Giannuzzi, P., Gueyffier, F., Krstačić, G., Lettino, M., Lionis, C., Lip, G.Y.H., Marques-Vidal, P., Milicic, D., Pedro-Botet, J., Piepoli, M.F., Rigopoulos, A.G., Ruschitzka, F., Tunón, J., Von Eckardstein, A., Vrablik, M., Weiss, T.W., Williams, B., Windecker, S., Zimlichman, R. 2016 ESC/EAS Guidelines for the Management of Dyslipidaemias (2016) *European Heart Journal*, 37 (39), pp. 2999-3058l.
  21. Ferri, N., Marchianò, S., Tibolla, G., Baetta, R., Dhyani, A., Ruscica, M., Uboldi, P., Catapano, A.L., Corsini, A. PCSK9 knock-out mice are protected from neointimal formation in response to perivascular carotid collar placement (2016) *Atherosclerosis*, 253, pp. 214-224.
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  23. Ruscica, M., Ricci, C., Macchi, C., Magni, P., Cristofani, R., Liu, J., Corsini, A., Ferri, N. Suppressor of cytokine signaling-3 (SOCS-3) induces proprotein convertase subtilisin kexin type 9 (PCSK9) expression in hepatic HepG2 cell line (2016) *Journal of Biological Chemistry*, 291 (7), pp. 3508-3519.
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  28. Apostolopoulou, M., Corsini, A., Roden, M. The role of mitochondria in statin-induced myopathy (2015) *European Journal of Clinical Investigation*, 45 (7), pp. 745-754.
  29. Ferri, N., Panariti, F., Ricci, C., Maiocchi, G., Corsini, A. Aliskiren inhibits prorenin-induced human aortic smooth muscle cell migration (2015) *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, 16 (2), pp. 284-291.
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- mice (2015) *Thrombosis and Haemostasis*, 114 (1), pp. 186-197.
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  34. Ferri, N., Corsini, A. Clinical evidence of statin therapy in non-dyslipidemic disorders (2014) *Pharmacological Research*, 88, pp. 20-30.
  35. Straniero, V., Pallavicini, M., Chiodini, G., Ruggeri, P., Fumagalli, L., Bolchi, C., Corsini, A., Ferri, N., Ricci, C., Valoti, E. Farnesyltransferase inhibitors: CAAX mimetics based on different biaryl scaffolds (2014) *Bioorganic and Medicinal Chemistry Letters*, 24 (13), pp. 2924-2927.
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  42. Ferri, N., Contini, A., Bernini, S.K., Corsini, A. Role of small GTPase protein Rac1 in cardiovascular diseases: Development of new selective pharmacological inhibitors (2013) *Journal of Cardiovascular Pharmacology*, 62 (5), pp. 425-435.
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- neutrophil recruitment during vascular inflammation independent of changes in plasma cholesterol (2013) *Cardiovascular Drugs and Therapy*, 27 (3), pp. 211-219.
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