

PERSONAL INFORMATION

Giovanni Savoini
Via Celoria 10
20133 Milano
0250317907
giovanni.savoini@unimi.it

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR
PERSONAL STATEMENT

Full professor
PhD

WORK EXPERIENCE

from 2017

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano
Department of Health, Animal Science and Food Safety “Carlo Cantoni”
Via Celoria 10, 20133 Milano
Public
Head of Department Health, Animal Science and Food Safety “Carlo Cantoni”
Coordination

2013-2017

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano
Public
Director of the post graduate specialization school in Animal Nutrition

2012-2016

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano
Public
Coordinator of the PhD course “Animal Nutrition and Food Safety”

2013-2015

Università Telematica San Raffaele Via di Val Cannuta 247 00166 Roma
Public
Bachelor degree course “Sciences of Nutrition and Gastronomy” (L26) Course
Animal Science

2008-2016

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano
Public
Scientific director of the Animal Production Research and Teaching Centre of
the Polo Universitario of Lodi
Scientific direction

2004-2010

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano

Public

Member of the Scientific Commission for Research and Technological Transfer

Coordination of research activity and technological transfer

2001-2004

Istituto Sperimentale Italiano Lazzaro Spallanzani V.le Forlanini,23 20134 MILANO

Private

Member of the board of directors

Responsibilities of a member of the board of directors

2003-2007

Società Italiana delle Scienze Veterinarie – S.I.SVet.

Private

Member of the scientific committee

Responsible of the session Animal Nutrition

1999- 2002

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano

Public

Director of the post graduate specialization school in Animal Nutrition

Coordination

1999-2002

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano

Public

Coordinator of the degree course (diploma Universitario) “Animal Science”

Coordination of teaching activity

1999-2005

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano

Public

Supervisor of the experimental dairy goat farm “Gian Paolo Guidobono Cavalchini”

Coordination

From 1997

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano

Public

Full professor SC 07/G1, SSD AGR/18 Feeding and animal nutrition

Teaching, research, and dissemination (third mission)

1994-1997

Università degli Studi di Messina Piazza Pugliatti, 1 - 98122 Messina

Public

Full professor SC 07/G1 SSD AGR/18 Feeding and animal nutrition

Teaching, research, and dissemination (third mission)

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1992-1994

Università degli Studi di Reggio Calabria P.zza S.Francesco 7 89061 Reggio Calabria
Public
Associate professor SC 07/G1 SSD AGR/18 Feeding and animal nutrition
Teaching, research, and dissemination (third mission)

1992-1994

Università degli Studi di Messina Piazza Pugliatti, 1 - 98122 Messina
Public
Teaching " Feeding and animal nutrition "
Teaching

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1991-1992

Università degli Studi di Milano Via Festa del Perdono, 7 20122 Milano
Public
Researcher SC 07/G1 SSD AGR/18 Feeding and animal nutrition
Research

1989-1990

Università degli Studi di Messina Piazza Pugliatti, 1 - 98122 Messina
Public
Contract professor
Teaching

EDUCATION AND TRAINING

1989

PhD "Zootechnical sciences"
Università degli Studi di Milano Facoltà di Medicina Veterinaria Istituto di Alimentazione Animale Via Celoria, 10 20133 Milano
Thesis: "Use of calcium soaps in dairy cattle nutrition".

1984

Master Degree Veterinary Medicine
Università degli Studi di Milano Facoltà di Medicina Veterinaria Istituto di Alimentazione Animale Via Celoria, 10 20133 Milano
Thesis "Use of wheat straw in total mixed rations for dairy cows: effects on milk production and characteristics, and on rumen VFA Score110/110 cum laude.

1977

Diploma high school, score 60/60
Liceo Scientifico "Antonelli" Via Toscana 20 28100 NOVARA

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Good	Good	Good	Good	Good
French	Sufficient	Sufficient	Sufficient	Sufficient	SUFFICIENT

Communication skills

- He developed good communication skills during the job of professor, that implies relationships with different people, colleagues, students, professionals,

Organisational / managerial skills

- He has been coordinator and responsible of working groups for several national and international research projects
- Integrated Alpine Livestock Systems: from ecosystem services to premium mountain products – IALS - AGER Fondazione in Rete per la Ricerca Agroalimentare –Università degli Studi di Milano (IT) (Coordinator) Università degli Studi di Napoli (IT), Università degli Studi della Tuscia (IT) 2018-2020 Role: component WG MI NUT Animal Nutrition

European Joint Doctorate “Molecular Animal Nutrition-MANNA” - EU Universities of Glasgow (UK) (Coordinator), Bonn (DE) , Barcelona (SP), Kosice (SK), Zagreb (HR) 2018-2022 Role: Supervisor of Early Stage Researcher (WP2)

Precision Livestock Unifeed System (PLUS) Regione Lombardia, Sgariboldi s.r.l. (Coordinator) (IT), PTM s.r.l. (IT) Università degli Studi di Milano (IT) 2016-2019 Role : responsible nutritional trials

FEEDNEEDS Progetto di Grande Rilevanza Italia Serbia Ministero degli Affari Esteri e della Cooperazione Internazionale Istituzioni Università degli Studi di Milano(IT) University of Novi Sad, (Serbia) 2013-2015 Role: participant

Nutrition and milk quality: relation between micro nutrients and milk somatic cell count ASL (Azienda Sanitaria Locale) Milano – Ministero della Salute (IT) 2014 2015 Role: coordinator

Development of a food safety system control of dairy milk and of milk quality payment in the Asella (East Arsi) region in Ethiopia, Comune di Milano(IT), Università degli Studi di Milano (Coordinator)(IT), AMAE-Asella Model Agricultural Enterprise (Ethiopia) ADAMA University (Ethiopia) SNV Ethiopia Netherlands Development Organisation (International NGO) Asella Dairy Cooperative Union (Ethiopia) , 2010- 2011. Role : coordinatorma

BIOVAPRO (Study and evaluation of a probiotic specific species for calves) Regione Lombardia (IT), Università degli Studi di Milano (Coordinator)(IT), Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia Romagna (IT), Veneto Agricoltura (Azienda Regionale per i Settori Agricolo, Forestale, Agroalimentare)(IT), Azienda Agricola Valsecchi Celeste (IT), 2009-2011. Role coordinator

SAMARC (Sensors Arrays for Metabolite Analysis in the Rumen of Cattle), CARIPO (fondazione bancaria) (IT) Università degli Studi di Milano Bicocca (Coordinator)(IT), Università degli Studi di Milano (IT) 2008-2010. Role: coordinator workpackages 1 e 2 for animal physiology

Detection of presence of species-specific processed animal proteins in animal feed SAFEED-PAP (SAfe FEED - Processed Animal Proteins) EU, Wallon Agricultural Research Centre (Coordinator) A.F.S.C.A. - Federal Laboratory for the Safety of Food (BE), CL B.V (NL). Central Science Laboratory , Department for Environment, Food and Rural Affairs (UK), ChinaAnimal Health and Epidemiology Center (China), DIAGENODE S.A.(BE), European Commission- Joint Research Centre (BE) National Veterinary Laboratory- Department of PathologicalAnatomy and Histology (LT), STICHTING DLO (NL), The Danish Plant Directorate (DK), The Secretary of State for Environment, Food and RuralAffairs, Acting through the Veterinary Laboratories Agency of New Haw, Addlestone, Surrey (UK), Università degli Studi di Milano (IT),University of Cordoba (SP) 2006 -2009 Role: participant

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Innovative technologies for the improvement of production efficiency with dairy goat farming (TIMECAP)(n.973) Regione Lombardia (IT) Università degli studi di Milano (Coordinator)(IT), Associazione Regionale Allevatori Lombardia (ARAL) (IT) 2007 Role: coordinator

Study of metabolic conditions and of immune defenses in dairy goats during peri parturient period, and study of the effects on nutraceuticals substances MIUR (PRIN 2005) Università degli Studi di Milano (Coordinator)(IT), Università degli Studi di Messina (IT), Università degli studi della Tuscia (IT) 2006 -2008 Role: coordinator

Use of nutraceuticals substances in dairy goat farming organically managed MIUR (PRIN 2000) Università degli Studi di Milano (Coordinator)(IT), Università degli Studi di Messina(IT), Università degli studi della Tuscia (IT) 2000-2002 Role: coordinator

Reduction of stress around parturition in dairy cows, MIUR (PRIN 1997) Università degli Studi di Napoli (Coordinator)(IT), Università degli Studi di Milano(IT) 1998-2000 Role: participant

He coordinated and participated to several research projects funded by national and international private companies

Job-related skills TEACHING: he teaches at bachelor degree course Animal Husbandry and Welfare - ABA (Industrial feed formulation and manufacturing), Animal Production - SPA (Industrial feed formulation and manufacturing), master degree course Animal Husbandry Sciences and Technologies - STPA (Nutrition and quality of products of animal origin (milk). He teaches in post graduated courses (schools and courses of specialisation, master, PhD,)

RESEARCH: his research activity is dedicated to the study of physiological and pathological aspects of ruminant and monogastric nutrition. The main topics in this field are related to the role of nutrition on animal health, immune and inflammatory response, milk production and milk quality

He supervised 14 PhD students from Italy, Ethiopia, Bangladesh and Romania
At present, he is supervisor of two PhD students from Italy and Vietnam
He is member of the teachers council of the Phd course in Veterinary and Animal Science (VAS) (<http://users2.unimi.it/vas>)

He presented oral communications in several national and international congresses

He has been invited to present papers in several congresses, among the others: 1) S.Angelo Lodigiano 27 October 2018 (IT) Utilizzazione delle terre incolte: zootecnia ovi-caprina? Paper L'alimentazione nei periodi in cui non è possibile il pascolo 2) Firenze 4 February 2016 (IT) Accademia dei Gergofili Giornata di studio: Sicurezza nutrizionale Firenze, 4 February 2016 paper Nutrients for animal health and for improvement of nutritional quality of animal products for human consumption 3) Barcelona 25 May2016 (SP) 7th International Levucell SB Technical Meeting paper Alternatives to the use of antibiotics in piglets feeds 4) Milano 12 June 2015 (IT) Meeting EAAP-ASPA System approach for improving the sustainability of animal production, health and welfare paper Through ruminant nutrition to human health: role of fatty acids, 5) Wageningen 17 November 2011 (NL) International Symposium on Dairy Cattle Nutrition paper Effect of polyunsaturated fatty acids on immune response and hepatic gene expression in dairy goats 6) Tromsø 14 June 2010 (NOR) 2nd International Conference Feed for Health "Impact of animal feed on food quality and health of elderly consumers paper Modulatory effects of omega-3 polyunsaturated fatty acids on milk fatty acids composition and dairy goats immune response

Member of commissions for selection examinations for doctoral students, researchers, associate professors and full professors

Expert reviewer in commission for PhD thesis defense in Italy and at Wageningen University (NL)

He is author of 84 papers cited in SCOPUS, H=18 (SCOPUS)

DISSEMINATION (THIRD MISSION): he published several promotional papers, he participated to seminars and meetings for technicians as invited speaker and chairman.
Technical consultant for several judicial proceedings

Member of the Associazione Scientifica di Produzione Animale ASPA
Member of the Association of Veterinary Surgeons of Novara
Member of the board of the Association of Veterinary Surgeons of Novara (2002-2008)
Member of the Association of Journalists of Torino (1982-2017). (
Vice president of the Nutrition Commission of EAAP (European Association of Animal Science) (2013-2016)
President of the Nutrition Commission of EAAP (European Association of Animal Science) (from 2017)
Member of the Technical Commission for Feedstuffs, Regione Lombardia (2001-2005)

Associate editor and section editor of the journal Italian Journal of Animal Science – IJAS (2002-2017)
Reviewer of several scientific journals (Animal, Small Ruminant Research, BMC Genomics, Journal of Dairy Science, Livestock Science, Research In Veterinary Science, Journal of Agricultural and Food Chemistry, Animal Feed Science and Technology, Journal of Applied Animal Research, Annals of Animal Science)

Expert reviewer for VQR (Valutazione Qualità Ricerca) MIUR (from 2011)
Reviewer for European Grants (European Research Council (2011)
President of the Qualification Committee “Animal Science and Technology” of the National Scientific Qualification of the Italian Ministry of Education (MIUR) 2016-2018
Member of the panel for the evaluation of projects for FCT, Scientific and Technological Portuguese Agency from 30 October to 1 November 2017 in Lisbon

Expert of WG GMO FEED FOOD (from 2017) and member of the panel GMO of EFSA (from 2018)

Member of the EAEVE (European Association of Establishments for Veterinary Education) visitation team, Universities of Stara Zagora (BG) and Konya (TR) (2002)
Chairman of EAEVE visitation team, Oslo University (N) (2004)
visitation team, University of Copenhagen (DK) (2010)
Member of the EAEVE visitation team, University of Kayseri (TR) (2012)
Member of EAEVE visitation team, University of Nantes (FR) (2014)
Member of EAEVE visitation team, University of Lyon (France) (2015)
Member of the RCVS (Royal College of Veterinary Surgeons) visitation team, University of Liverpool (UK) (2016)

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10 most recent papers

1. Restelli, L., Codrea, M.C., Savoini, G., Ceciliani, F., Bendixen, E.. (2014) “LC-MS/MS analysis of visceral and subcutaneous adipose tissue proteomes in young goats with focus on innate immunity and inflammation related proteins” Journal of Proteomics, 108, 295-305
2. Zaninelli M., Agazzi A Costa A., Tangorra F.M., Rossi L., Savoini G (2015) “Evaluation of the fourier frequency spectrum peaks of milk electrical conductivity signals as indexes to monitor the dairy goats’ health status by on-line sensors” Sensors, 15, 8, 20698-20716
3. Pilotto A., Savoini G, Baldi A., Invernizzi G, De Vecchi C., Theodorou G, Koutsouli P, Politis I. (2016) “Short communication: Associations between blood fatty acids, β -hydroxybutyrate, and α -tocopherol in the periparturient period in dairy cows: An observational study” J. Dairy Sci. 99, 8121–

8126

4. Invernizzi G., Modena S., Gorbani D., Bronzo V., Pisani L.F., Caputo J.M., Agazzi A. Dell’Orto V., Savoini G. (2016) "Hepatic and subcutaneous adipose tissue variations in transition dairy goats fed saturated or unsaturated fat supplemented diets" *Small Ruminant Research*, 144, 211–219

5. Zaninelli M., Tangorra F.M., Costa A., Rossi L., Dell’Orto V., Savoini G. (2016) "Improved fuzzy logic system to evaluate milk electrical conductivity signals from on-line sensors to monitor dairy goat mastitis" *Sensors* 16, 7, 1079, 1-18

6. Zaninelli M., Redaelli V., Luzi F., Bontempo V., Dell’Orto V., Savoini G., (2017) "A monitoring system for laying hens that uses a detection sensor based on infrared technology and image pattern recognition" *Sensors* 17,6, 1-17

7. Restelli L., Marques A.T., Savoini G., Invernizzi G., Carisetti M., Lecchi C., Bendixen E., Ceciliani F. (2017) "Saturated or unsaturated fat supplemented maternal diets influence omental adipose tissue proteome of suckling goat-kids" *Research in Veterinary Sciences*, article in press
<https://doi.org/10.1016/j.rvsc.2017.10.009>

8.. Zaninelli M, Redaelli V, Luzi F, Bronzo V, Mitchell M, Dell’Orto V, Bontempo V, Cattaneo D, Savoini G (2018) "First evaluation of infrared thermography as a tool for the monitoring of udder health status in farms of dairy cows" *Sensors* 8, 3,1-12

9. Zaninelli M, Redaelli V, Luzi F, Bronzo V, Mitchell M, Dell’Orto V, Bontempo V, Cattaneo D, Savoini G (2018) "Development of a machine vision method for the monitoring of laying hens and detection of multiple nest occupations" *Sensors* 8,1, 1-12

10. Ahasan A.S.M.L., Invernizzi G, Farina G, Pilotto A., Barbé F, Bontempo V., Rossi R., Bellagamba F., Lecchi C., Savoini G, Agazzi A. (2018) "The effects of superoxide dismutase-rich melon pulp concentrate on inflammation, antioxidant status and growth performance of challenged post-weaning piglets" *ANIMAL* Article in press

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
intermediate	intermediate	intermediate	intermediate	INTERMEDIATE

Driving licence

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ADDITIONAL INFORMATION

- Publications <https://air.unimi.it/>
- Projects <https://sitouniversitario.cineca.it>
- Conferences <https://sitouniversitario.cineca.it>
- Seminars <https://sitouniversitario.cineca.it>

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".

Date

18 December 2018

Signature

A handwritten signature in black ink, appearing to read "Gianluca Jorini", written in a cursive style.