

Curriculum Vitae



Francesco Galli

1. General information.

Date and place of Birth: October 21, 1967, Corinaldo (AN), Italy

Home address: Via della Mentuccia, 19 - 06100, Perugia, Italy;

Work address: Unit of Clinical Biochemistry and Human Nutrition, Department of Pharmaceutical Sciences, University of Perugia, Pole of Via del Giochetto, building B, 3rd floor, 06126, Perugia, Italy; *Work phone and Fax No.:* +39 075 578 7445/90; *E-mail address:* francesco.galli@unipg.it

2. Education and academic career.

1992 – Master Degree in Biology, University of Urbino, Italy

1996 – Ph.D. in Biochemistry and Pharmacology, joint program of the Universities of Urbino and Camerino, Italy

1996 - Research assistant, University of Urbino, Italy.

1999 - Post-doc, International Antioxidant Research Centre at the Guy's, King's and St. Thomas's Hospital and Department of Internal Medicine at the Royal Free Hospital, London, UK.

2000- Post-doc, Department of Cardiovascular Biology and Medicine, St Thomas's Hospital, London, UK.

2001-2015, Research scientist and Aggregate Professor in Biochemistry, School of Pharmacy, University of Perugia, Italy.

2007 – 2010, Honorary Senior Lecturer and external supervisor of the Ph.D. program, Queen's University of Belfast, UK.

2012 - National Habilitation: Full Professorship in General and Clinical Biochemistry, and in Dietetics and Nutrition (Endocrinology, Nephrology, Nutrition and Wellbeing Sciences Area).

2013 – Visiting Professor – Medical University of South Carolina (MUSC), Charleston, SC, USA

2014 - present Visiting Professor and external member of the Ph.D. program, School of Medicine, University of Belgrade, Serbia.

2015 – Visiting Professor - Friedrich-Schiller-University Jena, Institute of Nutrition

2015 - Associate professor of Dietetics and Nutrition (sector MED49), Department of Pharmaceutical Sciences, University of Perugia, Italy.

2019 - Vice Dean of Technology Transfer - Life Science and Agrifood area, University of Perugia, Italy.

2023 – Full professor of Dietetics and human nutrition

Teaching activity

- (past) Biochemistry of nutrition and clinical biochemistry
- (present) Dietetics and human nutrition

3. Scientific activity and professional appointments

Research work (ERC fields)

LS1_2 General biochemistry and metabolism

LS1_8 Biochemistry of signal transduction

LS3_7 Cell signalling and cellular interactions

LS4_4 Ageing

LS4_5 Metabolism, biological basis of metabolism related disorders

LS7_3 Pharmacology, pharmacogenomics, drug discovery and design, drug therapy

Publication record

Cumulative record of original publications, review papers and book chapters

[Scopus](#) = 206 products; **H-Index** = 53 (7,674)

[Google Scholar](#) = 180 products; **H-Index** = 59, (10,372 tot. citations).

ORCID:

<https://orcid.org/0000-0003-3626-051X>

Editorial activity

Editorial Board Memberships:

- (2000-2017) Amino Acids
- 2009, Blood Purification
- 2015, Biofactors
- 2015, Neurochemical Research
- 2016, Redox Biology (open access; by appointment of SFRR-E)
- 2019, Antioxidants Redox & Signaling
- 2019, Scientific Reports (open access journal - Nature Group)

Memberships to Scientific Societies

1999-2017, Committee member of the Amino acid and protein society (appointed as editorial board member of the Amino Acid Journal)

2014 – co-founder of the multidisciplinary international group “Se-S redox&catalysis” (coordinator Prof. Claudio Santi, University of Perugia, Italy).

2006 –2016, Committee member elect of the Society for Free Radical Research-Europe branch (SFRR-E).

2020-2022, American Society for Biochemistry and Molecular Biology

2022-present, Società Italiana di Nutrizione Umana (SINU)

Scientific Meetings and conferences (Chair and co-organizer):

- **2000** (Vienna, Austria), **2006** (Vienna, Austria), **2009** (Vienna, Austria), **2011** (Beijing, China) Co-organizer, International Conference on Amino acid, Peptides & proteins.
- **2009** (Rome, Italy), **2015** (Stuttgart, Germany) President and Chair, Vitamin E Satellite Symposia (VESS), SFRR-E.
- **2015** Co-organizer, Mitochondrial and Free Radical Physiology Society meeting (SFRR-E affiliate) Belgrade, Serbia.
- **2015** - (President) **2nd Workshop PROS.IT, Cluster Agrifood Nazionale - Area Nutrizione e Salute**
- **2016** International Organizer and Chair of the “Nephrology Applied Omics Course - Continued Medical Education program of the European Dialysis and Transplantation Society, Sarajevo, Bosnia
- **2016** - (President) **3° Workshop PROS.IT, Cluster Agrifood Nazionale - Area Nutrizione e Salute**
- **2017** (President) 1st meeting of the Lipidomics Platform UNIPG-IZSUM, Oxylipidomics – Perugia, Italy
- **2018** Co-organizer of the Mitochondrial and Free Radical Physiology Society meeting, Belgrade, Serbia
- **2018** (President) 2nd meeting of the Lipidomics Platform UNIPG-IZSUM, Oxylipidomics – Perugia, Italy
- **2022** (President and Chair) 3rd Vitamin E Satellite Symposia (VESS), SFRR-E biennial meeting, Liege, Belgium.

Professional appointments:

2005 – present, Group leader and head of research unit (Applied Biochemistry and Human Nutrition lab., Dept. of Internal Medicine until 2003, now Nutrigenomics and micronutrient vitamins lab., Dept. of Pharmaceutical Sciences, University of Perugia).

2002- present, external scientific advisor and research collaborator of public and private institutions and corporates in the field of biomaterials and medical devices, human and animal nutrition, pharmaceuticals, and laboratory medicine.

4. Research Activity

Areas of pertinence

Human nutrition and metabolism, biochemistry of lipids, cell biology and signal transduction, pharmacology/toxicology, biomaterials, endocrinology, nephrology and cancer.

Research topics:

- Vitamins and micronutrients (status, metabolism, biological roles and therapeutic applications),
- metabolomics (targeted and untargeted methods and techniques, vitamin metabolism, lipidomics)
- oxidative stress and redox biology of chronic diseases and aging
- glutathione and sulphur-containing amino acids (interactions, metabolism, redox sensing/signaling and detoxification function),

- glutathione S-transferase (detoxification, protein-protein interactions and signalling function)
- lipotoxicity processes (obesity and non-alcoholic fatty liver disease and NASH),
- kidney disease (pathobiology and comorbidity, dialysis therapy, hemodialysis and peritoneal dialysis biomaterials and techniques, transplantation)
- cancer therapy and drug resistance mechanisms to alkylating agents
- stem cells (adipose and cancer)
- melatonin (cytoprotection function on stem cells and immuno-inflammatory effects)
- nutraceuticals and functional food (development of new products and technology transfer activity)
- post-translational modification of proteins (redox proteomics and adductomics, relevance to biology, medicine and food chemistry)