PERSONAL INFORMATION

Family name, First name: **Lodola, Francesco**
Date of birth: 6 March 1983
Nationality: Italy
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SHORT BIOGRAPHY

I am a physiologist with more than 10 years of experience in cardiovascular research. I graduated in Biotechnology in 2007 and received my PhD in Physiology and Neuroscience at the University of Pavia in 2012. I then joined IRCCS ICS Maugeri in Pavia and later the Center for Nano Science and Technology (IIT@PoliMI) based in Milan. Since 2020, I act as a tenure-track assistant professor in Physiology at the University of Milano-Bicocca. I have developed a strong interest in biophysics and acquired a hands-on experience in both basic and translational research. My main goal is to solve problems in physiology and medicine of the cardiovascular system through multidisciplinary and ground-breaking approaches.

BIBLIOMETRIC INDICATORS

Since 2011:
Peer-reviewed publications: 42
H-index: 22 (Scopus); 25 (Google Scholar)
Citations: >1450 (Scopus); >1800 (Google Scholar)
Scopus ID: 53878010000, Research ID: J-8129-2018, ORCID ID: 0000-0002-3506-5619

EDUCATION

2020	National Habilitation as Associate Professor in Physiology (05/D1). Habilitation obtained by unanimous vote of the National Scientific Committee.
2018	National Habilitation as Associate Professor in Applied Biology (05/F1). Habilitation obtained by unanimous vote of the National Scientific Committee.
2008 - 2012	PhD in Physiology and Neuroscience, University of Pavia, Pavia, Italy. Supervisors: Prof. Francesco Moccia and Prof. Franco Tanzi
2007	MSc in Industrial Biotechnology, University of Pavia, Pavia, Italy. Supervisor: Prof. Franco Tanzi
2004	BSc in Biotechnology, University of Pavia, Pavia, Italy. Supervisor: Prof. Franco Tanzi
2001	Scientific High School Diploma. Liceo Scientifico N. Copernico, Pavia, Italy.

CURRENT POSITION

Since 2022	Affiliated Researcher at the Italian Institute of Technology, CNST@PoliMi, Milan, Italy.
Since 2020	Tenure-track Assistant Professor (ricercatore a tempo determinato tipo b; Settore scientifico-disciplinare: BIO/09 – Fisiologia) at the Dept of Biotechnology and Biosciences, University of Milano-Bicocca, Milan, Italy.

PREVIOUS POSITIONS

2015 – 2020	Senior postdoc researcher at the Italian Institute of Technology, CNST@PoliMi, Milan, Italy. Supervisors: Prof. Guglielmo Lanzani, Dr. Maria Rosa Antognazza
2012 – 2015	Junior postdoc researcher at IRCCS Fondazione S. Maugeri, Pavia, Italy. Supervisor: Prof. Silvia G. Priori
2008	Fellow, Department of Physiology, University of Pavia, Pavia, Italy. Supervisor: Prof. Umberto Laforenza
2006	Fellow, Departamento de Ciencias Biologicas - Facultad de Ciencias Exactas, Universitad National de La Plata, La Plata, Argentina. Supervisor: Prof. Veronica Milesi

FUNDINGS

2021 Fondo Ateneo Quota Competitiva (FAQC, 2021-ATEQC-0046) from University of Milano-Bicocca, Milan, Italy.

2020 Fondo Ateneo Quota Dipartimentale (FAQD, 2020-ATE-0044) from University of Milano-Bicocca, Milan, Italy.

2019 Co-PI of the coordinating unit of the EU - Future and Emerging Technologies (FET) project Light and Organic Nanotechnology for Cardiovascular Disease (LION-HEARTED) funded from the European Union's Horizon 2020 FETOPEN 2018-2020 programme under grant agreement N° 828984.

TEACHING ACTIVITIES

Since 2020 Laboratory of General Physiology (6 CFU), Faculty of Biology at University of Milano-Bicocca, Milan, Italy.

2006 – 2008 Lecturer in Cellular & Molecular Physiology; Faculty of Sciences and in Experimental Biology; Interfaculty MM FF NN at University of Pavia, Pavia, Italy.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

On-going supervisions: 1 post-doc, 2 fellows.

Previous supervisions: Thesis tutor and advisor for >20 among BSc, MSc, and PhD students at University of Pavia, Pavia, Italy; Politecnico di Milano, Milan, Italy; and University of Milano-Bicocca, Milan, Italy.

INSTITUTIONAL RESPONSIBILITIES

Since 2022 Member of "Commissione Dipartimentale Industria e Territorio", Department of Biotechnology and Biosciences, University of Milano-Bicocca, Milan, Italy.

PATENTS

2019 Composti Fotocromici (Application: IT 102018000005987)

2019 Photochromic Compounds (Application: PCT/IB2019/054530)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Since 2022 Member of the ESC WG on Cardiac Cellular Electrophysiology

Since 2019 Member of the Biophysical Society

Since 2018 Member of the Italian Society of Physiology (SIF)

Since 2013 Member of the Italian Society of Cardiovascular Research (SIRC)

PARTECIPATION & ORGANISATION OF SCIENTIFIC MEETINGS

2019 Co-organizer of the kick-off meeting in the framework of the EU project LION-HEARTED.

Since 2009 Scientific communications presented at national and international meetings: >40

FELLOWSHIPS AND AWARDS

2021 Young Researcher Prize of the Italian Society of Physiology (Premio SIF), assigned to young physiologist who distinguished himself in studies and research activities in the previous year.

2018 Travel grant award funded by the Italian Society of Cardiovascular Research (SIRC) to attend the 4th SIRC Forum "New Roads in Cardiovascular Research", Rome, Italy.

2014 Research fellowship funded by TELETHON: "Creazione e studio di cellule iPS derivate da modelli murini CASQ2".

2012 Educational grant award for young researchers offered by Malesci to attend the 73rd SIC Congress, Rome, Italy.

2012 Research fellowship funded by Ministero della Salute (Bando Giovani Ricercatori): "Mouse and Human induced pluripotent stem cells for myocardial diseases" ii) Research fellowship funded by Fondation Leducq: "Caratterizzazione elettrofisiologica nel modello murino della forma recessiva di CPVT umana".

2008 Research fellowship funded by Regione Lombardia: "Functional studies of aquaporin water channels in the human and rodent digestive tube".

COMMISSIONS OF TRUST

Since 2022	Associate editor for the Journal of Translational Medicine.
2022	Guest editor for the MDPI special issue “Oxidative Stress in Vascular Pathophysiology”.
2022	Reviewer for the Moorfields Eye Charity, London, UK.
2020	Guest editor for the MDPI journal “Biology”.
2021	Moderator for the XXIII National Congress of the Italian Society of Cardiovascular Research (SIRC).
2020	Moderator for the 81st National Congress of the Italian Society of Cardiology (SIC).
Since 2020	Auditor for the Italian Society of Cardiovascular Research (SIRC).
2019	Moderator for the 80th National Congress of the Italian Society of Cardiology (SIC).
2019	Reviewer for the Czech Science Foundation (GACR), Czech Republic.
Since 2019	Review editor for Frontiers in Physiology.
Since 2016	Review editor for Frontiers in Cellular Neuroscience.
Since 2014	Peer Review for Journal of Cellular Physiology, Advanced Healthcare Materials, PLOS ONE, Journal of Cellular and Molecular Medicine, International Journal of Molecular Sciences, and others.