
CURRICULUM VITAE: Dr. Manlio Vinciguerra

Name: Manlio Vinciguerra
Title: Reader in Biochemistry
Address: Faculty of Science
Liverpool John Moores University (LJMU)

Tel:
Email:

Google Scholar: https://scholar.google.com/citations?user=4I_ip54AAAAJ&hl=en;

ORCID: <https://orcid.org/0000-0002-1768-3894>.

Areas of interest: biochemistry, epigenetics, cardiometabolic diseases, aging.

Current Appointment

2022 - present Reader, Faculty of Science, Liverpool John Moores University (LJMU), Liverpool, UK
Honorary Reader, Institute of Life Course and Medical Sciences, University of Liverpool, Liverpool, UK
2020 - present European Research Area (ERA) Chair, Medical University of Varna, Varna, Bulgaria

Qualifications

2001-2004 Ph.D., Dept of Internal Medicine, University of Geneva, Geneva, Switzerland
2000-2001 M.Sc. in Medical Biology, University of Geneva, Geneva, Switzerland
1994-1999 B.Sc. in Molecular Biology, University of Catania, Catania, Italy

Previous appointments

2016-2022 Principal Investigator & Assistant Professor, International Clinical Research Center, St'Anne University Hospital (FNUSA-ICRC), Brno, Czech Republic
2022-2022 Associate Editor, Nature Aging, Springer Nature, Berlin, Germany
2011-2016 Principal Research Associate; Institute for Liver and Digestive Health, University College London (UCL), London, UK
2008-2011 EMBL Interdisciplinary Postdoctoral (EIPOD) fellow, European Molecular Biology Laboratory (EMBL), Monterotondo (Rome), Italy & Heidelberg, Germany
2005-2008 Postdoctoral fellow, Dept of Cell Physiology and Metabolism, University of Geneva, Geneva, Switzerland

Other Experience and Professional Memberships

2012-2013 Visiting Scientist, University of Southern California (USC), LA, USA
2012-2013 Visiting Scientist, Tottori University, Tottori, Japan
2017-2019 Visiting Scientist, Mayo Clinic, Rochester, Minnesota, USA
2017-2021 Honorary Senior Research Fellow, University College London (UCL), London, UK
Cancer Epigenetics Society (CES), International Cell Senescence Association (ICSA), European Association for the Study of the Liver (EASL).

Peer-reviewed publications (original research articles, review articles, commentaries, book chapters) which I authored or coauthored (>220 from 2003 to 2024):

Including *Science*, *Cell Metabolism*, *Nature Communications*, *Cancer Research*, *PLoS Biology*, *Gastroenterology*, *Circulation Research* and many others. A full list is available here:

<https://www.ncbi.nlm.nih.gov/myncbi/manlio.vinciguerra.1/bibliography/public/>.

PhD Thesis

"Mechanisms of control of Na,K-ATPase expression by intracellular Na⁺ in kidney collecting duct principal cells." Published in 2004, University of Geneva, Switzerland.

Research Support

Over the course of my career as principal or co-investigator, I have obtained ~£13M in funding, A selection are shown below:

AIRC 2013-2015 €240 K PI

Italian Ministry of Health (Young Researcher Program) 2013-2015 €329 K co-PI

European Development Research Fund (ERDF) - MAGNET - Key Incoming Researcher - Excellent Research Team (EU/Czech Republic) 2016-2022 €6.5M PI

H2020 European Human Biomonitoring Initiative (acronym HBM4EU), leader of a Work Package 2017-2019 €115K co-PI

National Program of Sustainability II (MEYS CR) (no. LQ1605) (EU/Czech Republic) 2016-2022 €500K co-PI

AZV CR (Czech Health Research Council) 2018-2021 €347K PI

European Development Research Fund (ERDF) - ENOCH - Excellent Research (EU/Czech Republic) 2018-2019 €400K co-PI

HORIZON 2020 n.856871 - TRANSTEM - H2020-WIDESPREAD (EU) 2019-2023 €3M PI

GenFlow Biosciences (Pharma, Belgium) 2021-current €300K PI

Invited Lectures

@ Conferences

• 41 in Italy (7), France (5), Holland (2), UK (4), Austria (2), Germany (4), Spain (1), Croatia (1), Belgium (2), Taiwan (1), Switzerland (1), Mexico (1), Taiwan (1), Thailand (1), Czech Republic (3), Bulgaria (2), USA (1), South Korea (1) and Brazil (1).

@ Universities/Research Institutions/Companies/Public events

• 87 Invited Lectures in Italy (25), UK (19), France (7), Spain (4), Switzerland (5), Estonia (3), Holland (3), Brazil (3), Germany (2), USA (3), Czech Republic (6), Georgia (2), Bulgaria (8), Slovenia (1), Japan (1), Argentina (1), India (1) and Singapore (1).

Teaching and Mentoring Record

Advising of undergraduates, graduate students, and postdoctoral fellows:

13 technicians, 15 MSc students, 9 post-docs, 5 PhD students, 5 MDs.

External Examiner of 11 PhD students (VIVA).

Teaching (selected):

2022 – present Reader, Faculty of Science, Liverpool John Moores University (LJMU), Liverpool, UK. Courses held: Biochemistry; Anatomy&Histology.

2017 - 2020 Assistant Professor, Department of Histology and Embryology, Faculty of Medicine, Masaryk University, Brno, Czech Republic.

2015 - 2016 Reader, School of Science and Technology, Nottingham Trent University, Nottingham, UK. Courses held: Biology of Disease; Cancer and Heart disease; Cell Signalling&Cancer; Living systems.

2014 – 2015 Lecturer of Epigenetics at the Applied Medical Sciences MSc, UCL, London, United Kingdom.

2006 - 2008 Problem solving-based learning course (PBL) on Cell Growth and Aging to medical students at their 2nd year. Faculty of Medicine, University of Geneva, Geneva, Switzerland.

Peer reviewer activity

>150 journals including Cell, PNAS, Hepatology etc. >35 national funding bodies, including MRC, BBSRC, KRUK, ERC, EC etc.

Editorial activity

Member of the Editorial Board of 20 journals including NPJ Aging, Geroscience, BMC Gastroenterology, Antioxidant & Redox Signaling.

Advisory – Private Sector

• Scientific Advisory Board, GENFLOW BIOSCIENCES: <http://genflowbio.com/>.

• “Screening diagnostic kit for detecting histones in extracellular histone complexes”. Manlio Vinciguerra, Diana Buzova, Jan Cerveny. Utility model, IPO CZ. No. PUV 2019-37001, CZ 33913 U1.

• P4LifeTech, R&D services, CSO - 2014-2017.