Università di Genova

Mario Passalacqua

Associate Professor

EDUCATION AND TRAINING

1998
Post-Doctoral fellow
University of Genoa – Genoa – IT

1996
PhD in Biochemistry
Purificazione ed espressione di un fattore proteico che stimola il differenziamento delle cellule eritroleucemiche di topo
University of Pavia and Genoa – Genoa – IT

1991
Fellowship of the National Research Counsil
University of Genova – Genoa – IT

1989
Degree in Biology
University of Genoa – Genoa – IT

PROFESSIONAL HISTORY

1999-2000
Contract Researcher
University of Genoa – Genoa – IT

2000-2021
Assistant Professor (SSD BIOS 07/A Biochimica)
University of Genoa – Genoa – IT

2021 - present
Associate Professor (SSD BIOS 07/A)
University of Genoa – Genoa – IT

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ACADEMIC APPOINTMENTS

2008-2011
Member, department council (giunta di dipartimento)
University of Genoa – Genoa – IT

2008-2012
Member of the Scientific Committee (AREA 05)
University of Genoa – Genoa – IT

2005-2013

Member of the Teaching Board for the PhD Programme in Biochemistry

University of Genoa – Genoa – IT

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

- 2022 – University of Genoa, Large Scientific Equipment Grant, Scientific Coordinator
- Sediments Eco-recycling Exploitation, Development and Sustainability [SEEDS] **(PRIN 2022)** Partecipant (PI Prof. Valdrè Giovanni)
- 2012–2015 Autophagy inhibition in chronic myelogenous leukemia as a strategy to eradicate leukemia stem cells – **Compagnia di San Paolo** – IT Partecipant (PI Prof. Alessio Nencioni)
- 2010–2012 Biochemical and cellular evaluation of HMGB1 protein signalling mechanisms on Natural Killer cells - **PRIN 2008** – IT Partecipant
- 2007/08 - (An in vitro model of Myelin Protein Zero mutations in Schwann cells: from pathogenesis to therapy (Project Number GGP06178) **Fondazione Telethon** (PI Prof. Angelo Schenone)

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PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

Hybridoma cell line and monoclonal antibodies toward human HMGB1 protein. TO2002A000963 (co-author)
University of Genova – Genoa – IT

Research interest

- Toxicity and carcinogenicity of mineral fibres
- Gain of glycosylation in Charcot-Marie-Tooth neuropathies associated to myelin protein zero mutations
- Mechanism of neurotransmitter release and its modulation under physiological and pathological conditions
- Involvement of protein kinase C in cell proliferation and differentiation