

Curriculum vitae

LAURA RIBONI

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Present position

- Full Professor of Biochemistry, Medical School, University of Milano

Education

1978 MD in Biological Sciences (with Honors), University of Milano
1981 Post-doctoral Specialization on Biological Chemistry, University of Pavia
1987 Medical Degree (with Honors), University of Milano
1988 PhD, University of Florence

Professional Experience and Academic positions

1978-79 Fellow, Institute of General Pathology, School of Medicine, University of Milano
1980 Visiting Scientist, 'Central Laboratory of the Netherlands', Amsterdam Erfurt University, The Netherland
1980-81 Assistant Professor, General Pathology, Institute of General Pathology, University of Milano, Ente Universitario della Lombardia, Orientale, Brescia
1981 Visiting Scientist, 'Department of Neurology', Middlesex Hospital, London, UK
1982-90 Research Fellow, Department of Medical Chemistry, Biochemistry and Biotechnology, School of Medicine, University of Milano
1991-92 Research Scientist, Biochemistry, School of Medicine, University of Milano
1992-2002 Associate Professor, Biochemistry, School of Medicine, University of Milano
2003-present Full Professor, Biochemistry, School of Medicine, University of Milano
2012-2015 Director, Specialization School in Clinical Biochemistry, University of Milano
2015-present Member of the Joint Committee of the Department of Medical Biotechnology and Translational Medicine

Professional Societies and Organizations:

Italian Society of Biochemistry and Molecular Biology
Italian Society of Clinical Biochemistry
Italian Society of Human Nutrition

Italian Society for the Study of Inborn Errors of Metabolism
New York Academy of Sciences
American Association for the Advancement of Science
FEBS
Sphingolipid Club
European Society of Neurochemistry
International Society of Neurochemistry

- Coordinator of the 'Development, differentiation and apoptosis' Group of the Italian Society of Biochemistry and Molecular Biology (2007-2014)

Scientific activity

- Author/coauthor of more than 100 papers published in peer-reviewed journals, 12 book chapters, and more than 250 communications at scientific meetings
- Co-organizer, co-chair and discussion leader at international congresses
- Invited speaker at 38 national and international scientific congresses
- Responsible of the 'Functional Biochemistry' and 'Cell Culture I' laboratories, LITA Segrate, University of Milano
- Primary research interests: metabolism, signaling and functional roles of sphingolipids; biochemistry of cancer; molecular mechanisms of signal sphingolipid-mediated transduction in health and disease; functional biochemistry of stem cells and cancer stem cells

Editorial activities and responsibilities:

- Editorial Board of the Neurochemical Research (1997-2013)
- Reviewer for: BBA; FEBS Letter; Journal of Neurochemistry; Journal of Biological Chemistry; Glia; Neurochemistry International; Gene; Journal of Lipid Research; Molecular Pharmacology; Cell Death and Disease; NaunynSchmiedeberg's Archives of Pharmacology; Anti-Cancer Agents in Medicinal Chemistry; Neuroscience Letters; Autophagy
- Referee for grant proposal to: National Science Foundation, Ireland; Italian Ministry of Scientific Research; Deutsche Forschungsgemeinschaft, Germany; National Science Foundation, USA

Didactic activities:

1991-1996	Master Degree in Medicine and Surgery: "General Pathology" course
1991-1996	• Bachelor Degrees in Physiotherapy, Podiatry, Audiometric and Audioprothetic Techniques: "Biochemistry" courses • Specialization School in Clinical Biochemistry: "Dynamic Biochemistry", "Hematological Biochemistry" courses
1991-2013	Master Degree in Medicine and Surgery: "Biochemistry" course
1996-2015	• Specialization School in Neurosurgery, "Biochemistry" course • Specialization School in Clinical Biochemistry, "Biochemistry of tissues and organs" course
2010-2016	Specialization School in Rheumatology, "Biochemistry" course
2010-2015	Specialization School in Pathological Anatomy, "Biochemistry" course
2010-present	Master Degree in Medicine and Surgery, International Medical School, "From Atoms to Cells", "Cells, molecules and genes", "Functions" e "Mechanisms of Disease" courses
2017-present	Specialization School in Pathological Anatomy, "Biochemistry" course

