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Editorial Board

Mauro Prato

Professor

University of Turin

Italy





Biography

- Dr. Mauro Prato attended from 1996 to 2001 the School of Biotechnology at the University of Turin, Italy, achieving the Graduate Degree in Medical Biotechnology (final grade: 110 out of 110, with honors and print dignity) with a final dissertation titled "Anti-angiogenetic role of IL12: in vitro study of the matrix metalloproteinases (MMPs) activity", performed at the Molecular Angiogenesis Division of the Institute for Research and Therapy of Cancer of Candiolo, Torino, Italy. From 2001 to 2005 he attended PhD studies in Biochemistry and Cellular Biotechnology at the University of Torino achieving the PhD Degree in Biochemistry and Cellular



Air & Water Borne Diseases

Open Access

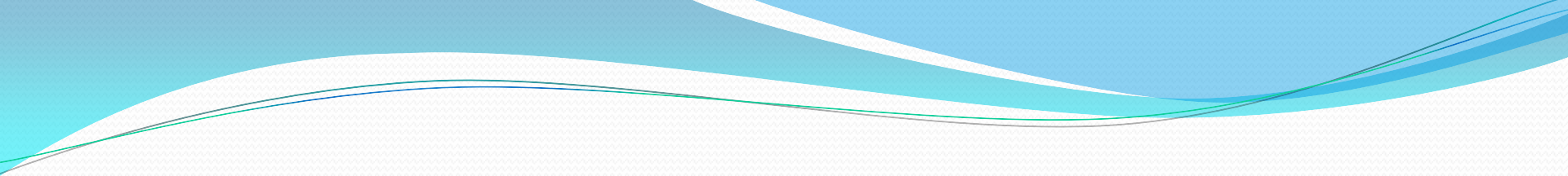
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- Biotechnology with a final dissertation titled "Involvement of matrix metalloproteinases in malaria pathology; study of the MMP-9-mediated regulation of TNFalpha and IL-1beta in human monocytes and their environment after phagocytosis of hemozoin", performed at the Biochemistry Division of the Department of Genetics, Biology and Biochemistry, Medical School, University of Turin, Italy. Since then, he has covered post-doc positions at the University of Torino (2005-2012: Dept. of Genetics, Biology and Biochemistry; 2012-today: Dept. of Neuroscience).

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Since 2008, he has also been nominated Adjunct Professor of Biochemistry at the Medical School of the University of Torino. His major research interests cover biochemistry and neuroscience fields, including cerebral malaria. In 2005, he firstly demonstrated the hemozoin-dependent involvement of matrix metalloproteinases in malaria, hopefully opening a new research field for new antimalarial drugs. Up to now he has published 23 papers (15 full articles, 6 abstracts, 1 letter and 1 editorial) in peer-reviewed international journals, 3 chapters in peer-reviewed international books and 51 communications (19 talks and 32 posters) in well-established national/international conferences.



Mauro Prato research interest include Role of human matrix metalloproteinases in malaria, Oxygen-loaded nanobubbles as therapeutic tools for hypoxia-related diseases



Publications

Blood-Brain Barrier and Cerebral Malaria: The Road So Far

Mauro Prato

Increased TIMP Levels in Malaria Patients: Risk or Protective Factors?

Mauro Prato



**Human and Mosquito Lysozymes in Malaria: Old
Molecules for New Approaches towards
Diagnosis, Therapy and Vector Control**
Mauro Prato

**New Perspectives for Adjuvant Therapy in Severe
Malaria**
Mauro Prato and Giuliana Giribaldi

Journal of Air & Water Borne Diseases Related Journals

- Journal of Bacteriology & Parasitology
- Journal of Medical Microbiology & Diagnosis
- Journal of Microbial & Biochemical Technology
- Journal of Plant Pathology & Microbiology
- Journal of Vaccines & Vaccination



Journal of Air & Water Borne Diseases Related Conferences

- Allergy Conference
- 4th Bacteriology and Infectious Diseases Conference
- 2nd Infectious Diseases Congress



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