

Prof. Mauro Piacentini

Curriculum Vitae

PERSONAL INFORMATIONS

Piacentini Mauro
Country of Birth: Rome, Italy
Citizenship: Italian

Full Professor of Cellular and Developmental Biology
Department of Biology
University of Rome "Tor Vergata"
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CURRENT POSITIONS

2000-present	Full Professor	Department of Biology University of Rome "Tor Vergata",	Rome, Italy
1998-present	Laboratory Director	National Institute for Infectious Diseases IRCCS "Lazzaro Spallanzani"	Rome, Italy

PREVIOUS POSITIONS

2013-2017	Visiting Professor	Federal University of San Paolo	Brazil
1998-2000	Associate Professor	Tuscia University	Viterbo, Italy
1984-1986	Postdoctoral Fellow	NIDR, NIH	Bethesda, MD, USA
1984-1998	Assistant Professor	University of Rome "Tor Vergata",	Rome, Italy
1978-	Postdoctoral Fellow	Dept of Pathology, Karolinska	Stockholm, Sweden
1977-1984	Postdoctoral Fellow	University of Rome "La Sapienza",	Rome, Italy

AWARDS

2016	Keynote speaker	Gordon Conference	Spain
2016 and 2012	Invited speaker	Nobel Conference	Sweden
2015	Among the 25 most highly cited cell biologists in Europe (2007-2013)		
2013	International Cell Death Society	Career Award	USA
2010	Gordon Conference	Elected Chair	USA
2007	JSPS award	Japanese Society for the Promotion of Science	Japan
2006	Descartes Award	European Commission	Europe
2005	Keynote speaker	International Immunology and Reumatology Meeting	Taiwan

GRANTS:

International Agencies:

Prof Piacentini has received 10 grants from UE for a total of 3.5 Millions Euro

-1992-1995 Concerted Action Contract Nr. BMH1-CT92-1571 (Partner)^[1] 1997-2000 EC Copernicus project Contract Nr. ICI-CT97-0901 (Partner)^[1]

-1995-1998 EU grant "IV Framework" Contract Nr. BI04-CT95-0207 (Partner) "Increasing the cell culture productivity by control of programmed cell death (apoptosis)"

-1999-2003 EU grant "V Framework" Contract Nr. QLG1-CT-1999-00739 (Partner) "Fundamental mechanisms of apoptosis/cell death regulation in normal and cancer cells" Acronim: Apoptosis mechanisms^[1]

-2002-2005 EU grant "V Framework" Contract Nr. QLK3-CT-2002-02017 (Partner) "Clearance of apoptotic cells: discovery of autoantigens and therapy for autoimmune diseases" Acronim: APOCLEAR^[1]

-2004-2008 Marie Curie Conferences and Training Courses, Contract Nr. MSCF-CT-2003-504454 (Co-ordinator) "Euroconference on Programmed Cell Death"^[1]

-2006-2009 Marie Curie, Research Training Network, Contract Nr. MRTN – CT – 2006 – 036032. (Partner) "Transglutaminases: role in pathogenesis, diagnosis and therapy"^[1]

-2006 European Commission "Descartes Award"^[1]

-2008-2012 EU grant "VII Framework" Contract Nr. FP7-Health-2007 A (Partner) "Apoptosis biology system application to AIDS and cancer" Acronim: APO-SYS

-2010-2012 CHDI "Dissecting the Role of TG2 in Huntington Diseases" Los Angeles USA

-2011-2015 Marie Curie, Research Training Network^[1] "Transglutaminases: role in pathogenesis, diagnosis and therapy" Contract Nr. MRTN – CT – 289964. (Partner)

National Agencies

Since 1988 Prof. Piacentini has received numerous grants for a total of 3.0 million euro from the Italian Agencies listed below:

- Consiglio Nazionale delle Ricerche
- Ministero dell'Università e Ricerca Scientifica
- Ministero della Salute
- Associazione Italiana per la Ricerca sul Cancro (AIRC)
- Telethon
- Banca S.Paolo di Torino
- Fondazione Fibrosi Cistica

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

1984-present	41 Graduated students	Department of Biology University of Rome "Tor Vergata"	Italy
1990	22 Ph.D students	University of Rome "Tor Vergata"	Italy
1995-present	12 PostDoc	University of Rome "Tor Vergata"	Italy
2000-present	10 PostDoc	National Institute for Infections Diseases "Lazzaro Spallanzani"	Rome, Italy

TEACHING ACTIVITIES

1990-present	Course "Cellular and Developmental Biology" Faculty of Science, University of Rome "Tor Vergata", Italy.
2008-present	Course "Cell Biology and Development" Pharmacy Degree, University of Rome "Tor Vergata" Italy.
2011-present	Course "Molecular Mechanisms of Programmed Cell Death" Federal University of San Paolo, Brazil.

ORGANIZATION OF SCIENTIFIC MEETINGS

1993	Apoptosis in AIDS and Cancer	Paris, France.
1994	Advanced Courses on "Cell Differentiation and Death"	Erice, Italy.
1994	Transglutaminases and Protein Cross-linkings Reactions	Debrecen, Hungary.
1994	New Cancer Strategies: Apoptotic Based-Therapies" september 1994,	San Diego (CA), U.S.A.
1995	3rd Workshop "Biochemistry of Neuroectodermal Tumours"	Rome, Italy.
1996	4th Euroconference on "Euroconference on Apoptosis"	Capri, Italy.
1997	1st Course on "Molecular Mechanisms of Apoptosis"	Tucuman, Argentina.
2000	Transglutaminases and Protein Cross-linkings Reactions	Lyon, France.
2004	1st Workshop on "Programmed Cell Death in Plants"	Habana.Cuba
2005	1st Corso on "Cellular and Molecular Basis of Cell Death"	Habana.Cuba
2005	1st Workshop on "Proteomics in Translational Research"	Rome, Italy.
2006	14th Euroconference on "Apoptosis or Programmed Cell Death"	Chia Laguna, Italy.
2007	Transglutaminases and Protein Cross-linkings Reactions	Marrakesh, Morocco.
2009	1st Workshop "The Role of Autophagy in Infectious diseases and Cancer"	Roma, Italy.
2012	2nd Gordon Research Conference on "Transglutaminases in Human Diseases"	Charlotte, USA.
2012	20th Euroconferences on "Euroconference on Apoptosis"	Rome Italy.
2014	3rd Gordon Research Conference on "Transglutaminases in Human Diseases"	Il Ciocco, Italy.
2017	1st Workshop on "Molecular Mechanisms of Autophagy"	Sao Paulo, Brazil

INSTITUTIONAL RESPONSABILITIES

2013-present	Board of Directors	University of Rome "Tor Vergata" Rome, Italy.
2013-present	President	Center for Pharmaceutical Biotechnology
2004-2012	President of the Biotechnology Course	University of Rome "Tor Vergata" Rome, Italy.

COMMISSIONS OF TRUSTS

2006	Member of Expert Group	Ministry of Health	Italy
2004-2007	Coordinator	Marie-Curie European Community	Brussels, Belgium
2004-2007	Board of Directors	SpaXen Italia Srl	New York, USA
2002-2005	President	European Cell Death Organization	Europe
1999-2005	Italian Representant	EU Cost Action 844	Belgium
1994-2002	Vice President	European Cell Death Organization	Europe

GRANT REVIEWER for:

Aids Fonds (The Netherlands),
Ministry of Education and Science (Russia),
National Science Foundation (NSF, USA),
Medical Research Council" (MCR; U.K.),
International Human Frontier Science Program (HFS; France),
Wellcome Trust (U.K.),
Science Foundation Ireland (Irlanda),
Agence National Recherche (France),
Swiss Science Foundation (Svizzera),
FWO (Belgio),
Associazione Italiana Ricerca sul Cancro (AIRC),

Alzheimer's Research Trust (UK),
Italian Ministry of Health,
Italian Ministry of University and Research.

MEMBERSHIP OF SCIENTIFIC SOCIETIES

2012	Accademia Medica Romana	Member
2000-2005	European Science Foudation "Transglutaminase and Protein Crosslinking Programme"	Board Member
1994-present	European Cell Death Organization	Founding Member

EDITORIAL ACTIVITIES

Prof. Piacentini is one of the founders of the Journal "Cell Death and Differentiation" (I.F. 2017= 8.3) and Cell Death & Disease (I.F. 2017= 6.0) for which acts as Receiving Editor and Editor-in-Chief respectively.

In 2016 "Guest Editor" for Amino Acid

In 2007 has been acting as "Guest Editor" for Methods in Enzymology.

Since 2008 to 2014 was in the Editorial Board of "Biomed Research International"

Since 2014 is in the Editorial Board of "Cellular and Molecular Oncology"

Journal reviewer for: Autophagy, Plos One, Carcinogenesis, Brain Research, Cancer Research, Cancer Cell, Cell Death and Differentiation, Experimental Cell Reseach, European Journal of Cell Biology, FASEB journal, FEBS Letter, Journal of Biological Chemistry, Journal of Cell Biology, Journal of Cell Science, Journal of Clinical Investigation, Journal of Immunology, Journal of Neurochemistry, Journal of Physiology, International Immunology, International Journal of Cancer, Oncogene, Oncotarget, Molecular and Cellular Biology, Neuroscience, Nature.

PATENTS

1998	US Patents n. 5750360	Method for quantitatively measuring apoptosis The invention encompasses methods of detecting and/or quantifying $\epsilon(\gamma\text{-glutamyl})\text{lysine}$ isodipeptide by catalytically releasing lysine, then measuring free lysine.
2018	US Patents n.9,938,528	Methods And Pharmaceutical Compositions For Treating Human Immunodeficiency Virus Type 1 (Hiv-1) Infections

PUBLICATIONS

Mauro Piacentini is author of more than 300 papers with a total number of citations above 32,000, total impact above 1,900 and an H-index of 76 according to Google scholar, 68 according to Web of Science.

The published papers include articles in PNAS, Nature, Nature Medicine, Nature Cell Biology, Science, Molecular Cell, Developmental Cell, Journal of Experimental Medicine, TIBS.

Editorials about Prof. Piacentini scientific publications have been published on the following journals:

Journal of National Cancer Institute, September, 2004;

Cell Death and Differentiation, November, 2004;

Nature Cell Biology, July 2007.

Nature Business Exchange, September 2011.