



Paolo Di Nardo, MD

Full Professor - Applied Medical Technical Sciences

MD, Cardiologist

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MAIN FIELD OF INTEREST

Main areas of scientific activity are:

- Molecular and cellular mechanisms of cardiac muscle diseases
- Cardiac Tissue Engineering (laboratory production of parts of cardiac muscle to be re-implanted in diseased hearts, thus avoiding whole organ transplantation).

The latest is the field in which the more relevant results have been achieved, as confirmed by the numerous papers published on relevant international journals and by the copious invitations received since 2006 by different Scientific Institutions worldwide to perform lectures. The interest generated by this field of research has also prompted Universities and research centers in Northern Europe, North America, Egypt, Russia and India to request consultancies in order to develop similar research initiatives, or even to establish dedicated new laboratories.

Besides scientific activity, Prof. Di Nardo undertakes an intense clinical activity for the University of Rome Tor Vergata School of Medicine, dedicated to diagnosis and management of cardiopathic patients.

WORK EXPERIENCE

2018- present Coordinator of the Master for “Management in Biotechnology: science and industry”
University of Rome Tor Vergata

2018 - present Faculty Member for PhD Program “Tissue Engineering and Remodeling Biotechnologies for Body Functions”, University of Rome Tor Vergata

2016 - present Founder and Director, Interdepartmental Centre for Regenerative Medicine (CIMER),
University of Rome Tor Vergata

2015 – present Founder and Director, Russia – Italy Centre for Tissue Engineering (RICTE), Moscow, Russia

2015 – present Founder and Director, Florida-Italy Tissue Engineering International Program (FITEIP),
Orlando, Florida, USA

2014 – 2017 Professor of Applied Mathematics, Moscow Institute of Physics and Technology (MIPT),
Moscow, Russia

2012 – present Co-founder of the Italian-Indian Forum for Biomaterials and Tissue Engineering, Delhi (India)

2011-2014 Member of the Bioethics and Scientific Experimentation Committee, Republic of San Marino

2010 – present Founder and Scientific Co-Director, Canadian-Italian Tissue Engineering Laboratory (CITEL), Winnipeg (Canada)

2008 - 2014 Founder and Director, Japanese-Italian Tissue Engineering Laboratory (JITEL), Tokyo (Japan)

2008-2009 Member of the European Space Agency (ESA) Medical Committee for the Space Station Astronaut Selection

1997 - 2000 Member of the European Space Agency (ESA) Working Group to define medical equipment for the International Space Station and of other Working Groups concerning space-related thematic.

1996 – 2008 Co-Founder and Member of the Board of Directors for the National Institute of Cardiovascular Research, Bologna, Italy

1994 – present Co-Founder and Scientific Director, Center for Space Bio-Medicine, University of Rome "Tor Vergata"

1992 Co-Founder of the Italian Society for Cardiovascular Research (SIRC)

1992-1994 Consultant for the Director of the Life Science Section, Scientific Affairs Division, NATO, Bruxelles

1988 – present Founder and Director, Cellular and Molecular Cardiology Laboratory, University of Rome Tor Vergata

1985 – 2015 Lecturer for the Medical Faculty (Internal Medicine and Endocrine Pathophysiology), the Biology Faculty (Clinical Pathology), the PhD School in Experimental Pathophysiology and the Cardiology, Respiratory Diseases, Internal Medicine Residency Programs, University of Rome, Tor Vergata

OTHER SCIENTIFIC ACTIVITIES

2011- present Editor-in-Chief of the series of international scientific publications "Technology in Biology and Medicine"

2011 - present Member of the Editorial Committee of the international scientific journal "Stem Cells & Development"

2010-2014 Member of the Editorial Committee of the international scientific journal "Biomat"

2010 – present Ideator and Organizer of "Disputationes", a series of international events (Italy, Denmark, India, Canada, Russia) dedicated to the promotion of standardisation in the bio-medical field

2008-2011 Consultant for the Portuguese Foundation for Sciences

2007 – 2012 Member of the Editorial Committee of the international scientific journal "Genes and Nutrition"

2000 – present Reviewer for various international scientific journals

2000 – present Coordinator for various research projects at the National Institute of Cardiovascular Research, Bologna

1995 – present Organiser and Co-Organiser of various national and international Conferences

1994, 2014 Ideator and Organiser of the Conferences “Cardiac Growth and Regeneration” (1994, 2014).

1990 – 1997 Ideator and Organiser of the Conferences “Trends in Basic Cardiovascular Research” (with the participation of several Nobel Prize winners)

ADDITIONAL INFORMATION

Author of more than 200 publications on international scientific peer-reviewed journals.

Author of national and international patents.

Curator of international scientific books.

Member of the following societies:

- Italian Society for Internal Medicine
- Italian Society for Cardiovascular Research
- International Society of Heart Research
- International Academy for Cardiovascular Sciences
- New York Academy of Science