

Curriculum Vitae Prof. Davide Lauro



Personal Information: *Date and place of Birth:* 21-06-1969, Turin ITALY; *Citizenship:* Italian; *Marital Status:* Married; *Work address:* ¹Department of Systems Medicine, University of Rome “Tor Vergata”, via Montpellier, 1 -00133 – Rome, Italy; ²Fondazione Policlinico di Tor Vergata – University Hospital, Viale Oxford, 81 -00133- Rome. Italy.

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Medical Registration Number:46142

Current Position:

¹Full Professor in Endocrinology (MED/13), Department of Systems Medicine, University of Rome “Tor Vergata”, Italy.

²Director, Residency Program in Endocrinology and Metabolic Diseases, Department of Systems Medicine, University of Rome Tor Vergata.

³Chief, Division of Endocrinology, Diabetes and Metabolic Diseases, Fondazione Policlinico Tor Vergata- University Hospital, Rome – Italy.

⁴Member of the National Board of the Italian Society of Diabetes (SID)

GCP certificate 12 July 2016

Principal Investigator of more than 20 Clinical Trials phase II and III

Research ID: K-4683-2018

Work Experience

Jan1999- Nov2002 Assistant Professor in Endocrinology, Department of Internal Medicine, University of Rome “Tor Vergata” - Italy.

Oct 2000- Sept 2003 Clinical Associate, Unit of Endocrinology, “Fatebenefratelli” Hospital, Isola Tiberina – Rome - Italy.

Nov 2002– Dec 2006 Associate Professor in Endocrinology, Department of Internal Medicine, Faculty of Medicine and Surgery, University of Rome “Tor Vergata” - Italy.

- Sep 2003 – 2008* Clinical Associate, in the Unit of Endocrinology, Foundation “Policlinico di Tor Vergata” University Hospital, Oxford boulevard n.81, Rome - Italy.
- Jan 2007 – 2012* Full Professor in Applied Medical Technical Science, Department of Internal Medicine, University of Rome “Tor Vergata”- Italy.
- Jan 2008 – 2018* Director of “Type 2 Diabetes Center”, Foundation “Policlinico di Tor Vergata” General Hospital, Oxford boulevard n.81, Rome- Italy.
- 2012 -2014* President of SID Lazio Region-Italy board (Italian Society of Diabetology).
- 2012 - 2016* President of the IRCCS San Raffaele Pisana Ethics Committee, Rome Italy.
- 2012 – present* Full Professor in Endocrinology, Department of Systems Medicine, University of Rome Tor Vergata - Italy.
- 2012-present* Member of the Scientific Technical Committee Station for Animal Technology, University of Rome "Tor Vergata".
- 2013 – present* Director of Postgraduate School in Endocrinology and Metabolic Diseases, University of Rome “Tor Vergata” Italy.
- 2013 – 2018* Director, Unit of Endocrinology, Diabetes and Metabolic Diseases, Fondazione Policlinico Tor Vergata- University Hospital, Rome – Italy.
- 2013 –present* Member of the Board of the Center for Bio Space Medicine, University of Rome "Tor Vergata”.
- 2014 -2018* Member of the National Board of SID (Italian Society of Diabetes).

Education and Training

- 1987* High School Graduate with full marks.
- October 1994* Degree in Medicine at the University of Rome Tor Vergata with Honors summa cum laude, University of Rome Tor Vergata, Italy.
- December 1994* Italian State Board of Medicine, summa cum laude
- November 1999* Residency in Endocrinology with 70/70 cum laude, University of Rome “La Sapienza” Italy.
- Jan 1997- Nov 1999* Visiting Fellow, Development Endocrinology Branch (DEB), National Institute of Child Health (NICHD), NIH (National Institute of Health), Bethesda, MD, USA.
- Nov 1999- Jul 2000* Visiting Fellow, Diabetes Branch, National Institute of Diabetes, Digestive and Kidney Diseases (NIDDK), NIH (National Institute of Health), Bethesda, MD, USA.

Teaching Experience

- 1997 - 1999* Tutor and teaching support for students enrolled in the “summer students program” of National Institute of Health, Bethesda, Maryland-USA.
- 2000 – present* Endocrinology teaching in the Integrated Course of Systematic Pathology 2, Course of Bachelor Medicine and Surgery, University of Rome “Tor Vergata” Italy.
- 2001 – 2002* Physiopathology and Metabolic Disease Teaching, Faculty of Medicine and Surgery, University of Rome “Tor Vergata” Italy.
- 2001 – present* Endocrinology teaching in the Specialist Course of Bachelor in Science of the Human Nutrition, University of Rome “Tor Vergata” Italy.
- 2001 – present* Endocrinology teaching in the Course of Bachelor in Dental Hygiene, Faculty of Medicine and Surgery of the University of Rome “Tor Vergata” Italy.
- 2001 - present* Endocrinology teaching in the School of Specialization in Endocrinology and Metabolic Disease, University of Rome “Tor Vergata” Italy.

- 2001 - present* Endocrinology teaching in the School of Specialization in Cardiology, University of Rome “Tor Vergata” Italy.
- 2002 - present* Endocrinology teaching in the Specialist Course of Bachelor in Sport Science, Faculty of Medicine and Surgery, University of Rome “Tor Vergata” Italy.
- 2002 - present* Endocrinology teaching in the 1st and 2nd Master in Methodology of Training and Fitness in the Specialist Course of Bachelor in Sport Science, Faculty of Medicine and Surgery, University of Rome “Tor Vergata” Italy.
- 2003 - present* Endocrinology teaching in the School of Specialization in Medical Genetics, University of Rome “Tor Vergata” Italy.
- 2003 - present* Endocrinology teaching in the Course of Triennial Bachelor in Motor Sciences, Faculty of Medicine and Surgery, University of Rome “Tor Vergata” Italy.
- 2005 - 2006* Director of the Master in Personal Trainer, Specialist Course of Bachelor in Sport Science, Faculty of Medicine and Surgery of the University of Rome “Tor Vergata” Italy.
- 2007-2008* Endocrinology teaching in Master of "Scientific and Regulatory Assessment of New Medicines" Italy.
- 2007-present* Endocrinology teaching in the Specialist Course of Bachelor in Sciences and techniques of preventive and adapted motor activity University of Rome “Tor Vergata” Italy.
- 2007-present* Endocrinology teaching in School of specialization in Internal Medicine, University of Rome “Tor Vergata” Italy.
- 2008-present* Endocrinology teaching in School of specialization in orthopedics, University of Rome “Tor Vergata” Italy.
- 2009-2010* Teaching in Medical Summer School University of Rome “Tor Vergata” Italy.
- 2009- 2011* Teaching in the Master in Diabetes Mellitus, course held in collaboration between University of Rome “La Sapienza”, University of Rome “Tor Vergata, University of Siena Italy.
- 2010-present* Member of the Academic Board of the PhD ‘Experimental and Systems Medicine’, University of Rome “Tor Vergata” Italy.
- 2011 -2013* Director of Postgraduate School in Sports Medicine, University of Rome “Tor Vergata” Italy.
- 2012 –present* Director of the Master in Aesthetic Medicine, University of Rome “Tor Vergata” Italy.

2013 -present Director of the Master in Diabetes University of Rome “Tor Vergata” Italy.

2013 –present Director of Postgraduate School in Endocrinology and Metabolic Diseases, University of Rome “Tor Vergata” Italy.

Clinical Activity

1994 – 1997: Clinical training in the Endocrinology and Internal Medicine Unit of Medical Physiopathology Department, “Policlinico Umberto I”, Viale del Policlinico Rome-Italy.

Oct 2000- Sept 2003: Clinical Associate, Unit of Endocrinology “Fatebenefratelli” Hospital Isola Tiberina – Rome-Italy.

Jan 2002- Aug 2003: Emergency doctor service, Internal Medicine Department, “Fatebenefratelli” Hospital, Isola Tiberina – Rome Italy.

2001 – 2008: Clinical Associate in the Atherosclerosis Center of Excellence, “Policlinico di Tor Vergata” General Hospital – Viale Oxford 81, 00133 Rome Italy.

Nov-2003 – 2008: Emergency doctor service, Internal Medicine Department, “Policlinico di Tor Vergata” General Hospital – Viale Oxford 81, 00133 Rome

Nov 2003 - 2008: Clinical Associate in the Unit of Endocrinology, “Policlinico di Tor Vergata” University General Hospital – Viale Oxford 81, Rome Italy.

2008 – present Director of the reference center in Type 2 Diabetes of the Foundation University General Hospital of Rome “Tor Vergata”.

2013 – present Director of Complex Unit (UOC) in Endocrinology, Diabetology and Metabolic Diseases, Department of Medicine, Foundation “Policlinico di Tor Vergata”, University Hospital, Oxford boulevard n.81, Rome Italy.

- I declare that I have experience in clinical trials according to GCP and I conducted as a PI several clinical studies of Phase II, Phase III and Phase IV.

Reviewer for the following Journals

Acta Diabetologica, Journal of Cellular Physiology, JCEM, IJIPP, Atherosclerosis, Diabetes Research and Clinical Practice, Diabetologia, Journal of Cellular and Molecular Medicine, PlosOne, Sarcoidosis, Saudi Medical Journal.

Associated Editor

Frontiers in Cardiovascular Medicine

Membership of Scientific Societies:

- Italian Society of Diabetes
- Italian Society of Endocrinology
- Italian Society of Atherosclerosis
- American Diabetes Association
- The European Association for the Study of Diabetes
- European Society of Endocrinology

- **2004-2010** Member of the National Board of Italian Society of Atherosclerosis
- **2014 – present** Member of the National Board of Italian Society of Diabetes

Research Grants

- **2000** Scientific collaborator of the E1309 Project funded by TELETHON.
- **2000** Researcher of the project “PPAR- γ e IRS-2” funded from University of Rome Tor Vergata.
- **2000** Scientist of the Excellence Center for the Study of Genomic Risk and complex Multifactorial disease (protocol CE00277884) Italian Department of Health.
- **2001-2003** Chief of Operative Unit funded from the Italian Department of Health 2000 grant on “Patologie Ulcerative Cutanee: Analisi di Meccanismi Patogenetici e Nuovi Approcci Terapeutici” Directed from the IRCCS Monzino Milan, Italy.
- **2001-2003** Scientific researcher of the Italian Department of Health grant 2000 on “Danno Vascolare e Dismetabolismo nell’unità”.
- **2002-2004** Chief of operative unit on the Italian Department of Health grant “Ulcere Diabetiche” directed from IRCCS IDI.
- **2002-2004** Italian Department of Health grant RF/2002 030.5/199 titled “Fenotipizzazione e genotipizzazione della Sindrome Metabolica sulle complicanze microvascolari” leader of operative unit.

- **2003- 2006** Chief of operative unit of the Italian Department of Health grant “Alterata funzionalità endoteliale quale indice di rischio cardiovascolare in pazienti con sindrome metabolica" directed from the Cardiological Center Monzino Conv. 163.
- **2004-2006** Chief of the project “Oxidative Stress and Hyperglycemia in Endothelium” funded from Italian Higher Institute of Health ISS Conv. N. 530.
- **2005-2007** Italian Department of Health grant on the project titled “Nuove Strategie Cellulari e Molecolari per la Terapia del Diabete Mellito”.
- **2005-2007** Chief of operative unit of the Italian Ministry of Education, University and Research co financing grant for the research program 2004 “Endothelial damage and Neoangiogenesis in the induction of Atherosclerotic Process” protocol number 2004060902_003.
- **2006-2009** Italian Department of Health grant 2005 "Meccanismi di Danno e Rigenerazione della Beta Cellula Pancreatica".
- **2007–2009** Italian Department of Health grant, directed from the IRCCS-Monzino Milano, titled "Insulin Resistance and Coronary Disease: Insights into Inflammation, Thrombosis and Metabolic Syndrome”.
- **2009-2011** Grant from FILAS ‘Project Lazio Region–Italy’ Industrial Research, medical device
- **2009-2011** Italian Department of Health grant with IRCCS Mondino Pavia on the project titled “Interazione tra Disglicemia, Aterosclerosi e Neurodegenerazione in Modelli Sperimentali di Malattia di Alzheimer e Diabete Mellito per L’individuazione di Target Farmacologici Mirati al Recupero della Disfunzione Sinaptica e Metabolica”.
- **2012-2014** Specific Programme “Cooperation”–Theme "Health" Call identifier: FP7-HEALTH-2011-two-stage Proposal No: 279171-2Acronym: MEDIGENE.
- **2013** Research grant ASI (Italian Agency of Space) contract number: ASI No. 2013-084-R.0.
- **2013-2015:** Coordinator of the Italian Ministry of Education, University and Research co financing grant for the research program (PRIN) 2011 "New Aspects of the Pathophysiology of Diabetes Mellitus and Potential Therapeutic Applications" Protocol 2010JS3PMZ.
- **2017-2020:** Chief of operative unit of the Italian Ministry of Education, University and Research co financing grant for the research program PRIN 2015 entitled ‘Pancreatic β -cell identity, glucose sensing and the control of insulin secretion’ protocol 2015373Z39_009.

Research Areas

- Evaluation of Insulin Signaling and Insulin Resistance through in vitro, pre-clinical and in vivo studies.
- Role of Peroxiredoxins family in the pathology of Diabetes Mellitus.
- Functionality of Pancreatic Beta cells.
- Endothelial dysfunction studies using in vivo and in vitro experimental approach.
- Proteomics analysis and techniques applied to the study of insulin signaling and to the pathophysiology of Diabetes and related complication especially atherosclerosis.
- Type 2 Diabetes Mellitus and insulin resistance.
- Metabolic Syndrome.

Awards

- 2010-2017 Invited to more than 10 readings in National and International Congresses
- 2006: Scientific prize "Pietro Angeletti" Impaired Glucose Tolerance in Mice with a Target Impairment of Insulin Action in Muscle and Adipose Tissue "
- 2004: Scientific Prize Pende for Medical Study III Edition 'New Cultural Proposals Foundation Alfonso Motulese Medical Research Center'
- 2002: Scientific Prize 'Roberto De Pirro' for researchers under 35 years Italian Society of Diabetology.
- 1999: Travel Grant Winner of \$ 1,000 National Institute of Health, Bethesda, MD, USA
- 1998: Travel Grant Winner of \$ 1,000 National Institute of Health, Bethesda, MD, USA

Bibliometric Index

Author of over 140 peer review articles with impact factor and 6 chapters of treaties or encyclopedias.

Publication: Scopus Author

(<http://www.scopus.com/authid/detail.url?authorId=7003497608>) Citations: 4122; total citations by 3330 documents; h-index: 38.

Rome 11 February 2018

Prof. Davide Lauro