

CURRICULUM VITAE

Prof. Vito Nicola De Pinto

Current Appointment: Full Professor, Molecular Biology, University of Catania

BIBLIOMETRIC INDEXES

Scopus ID: 7004674469

WOS ID: AAC-2634-2019

ORCID: 0000-0001-5513-2906

(Scopus, 2024.08.12)

Total number of indexed papers: 115

Total citations: 5382

IF: 42

PROFESSIONAL EXPERIENCE:

2003-today Full Professor, Molecular Biology, University of Catania

1994-2003 Full Professor, Biochemistry, University of Catania

1992-1994 Associate Professor, Biochemistry, University of Bari

1983-1992 Assistant Professor, Biochemistry, University of Bari

1981-1983 Postdoctoral fellow, Biochemistry, University of Bari, advisor: prof. F. Palmieri

1981 Graduated with first-class honors degree in Pharmaceutical and Pharmacology, University of Bari

ADMINISTRATIVE SERVICE

2021-23: Chairman of the ASN National Committee sector 05/E2, Bio/11 Molecular Biology

2012-2015 Member of the Executive Board of the School of Medicine at the University of Catania

2010-2015 Member of the Executive Board Dept of Biology, University of Catania

2004-2007 Member of the Executive Board, Dept. of Chemical Sciences, University of Catania

1997-1999 Head, the Institute of Biochemistry and Pharmacology, University of Catania

1995-2010 Responsible for european student exchange programs (Socrates-Erasmus)

Responsible of local research Unit of the Italian Institute for Biostructures and Biosystems based at the University of Catania: "Membrane proteins involved in energy and free radicals production".

TEACHING

PhD Programs:

2010-today: Coordinator, founder and member of the PhD program in Biotechnology

1996-2008: member of the PhD program in Biochemistry and Molecular Biology at the University of Catania

Courses:

2021-present: MOLECULAR BIOLOGY OF NUTRITION - (Experimental and applied biology LM-6)

2018-Present: MOLECULAR BIOENERGETICS - (Experimental and applied biology LM-6)
2018-present: ADVANCED MOLECULAR BIOLOGY and BIOINFORMATICS - (Biotechnology L2)
2016-present: ADVANCED MOLECULAR BIOTECHNOLOGIES (Medical Biotechnology LM-9)
2019-2021: CELL AND MOLECULAR BIOLOGY - (Chemical Sciences LM-54)

In addition:

2010 e 2011 Heraeus Seminars, School of Biophysics of cellular channels, Jacobs University, Bremen

2007-today Tutor at the School of Excellence, University of Catania

2003, 2005 visiting professor, School of Biology, University of St Andrews, Scotland (UK)

1996-2005 short specialized courses in European partner Universities (Leon-ES, Konstanz-DE, Würzburg-DE, Nijmegen-NL, Bordeaux-FR, Poznan-PL)

Author of the Italian translation of the textbook "Molecular Biology" by J. Zlatanova & K.E. Van Holde (1st Edition)

Author of the Italian translation of the textbook "Molecular Biology of the Gene" by Watson et al. (7th Edition)

Author of the web site companion to the textbook Molecular Biology of the Gene by Watson et al., Italian version (<http://online.scuola.zanichelli.it/watson/>)

COMPETITIVE GRANTS

PNRR: Spoke component 2, CN3 (National Centre 3 'National Centre For Gene Therapy And Drugs Based On Rna Technology') PNRR Mission 4 Component 2 'From Research to Enterprise' - Investment 1.4.

MURST PRIN projects:

PRIN2022: National Project Coordinator

PRIN2015: local unit head; "Interfacing organelles and cell physiology via ion channels: from biophysics to therapy"

PRIN2011: National Coordinator: "Canali e pori intracellulari: dalla conoscenza della loro struttura e fisiologia a nuove regole di costruzione di canali artificiali."

PRIN 2008: local unit head; "Proteine formatrici di pori della membrana mitocondriale esterna: caratterizzazione strutturale e conseguenze funzionali nell'apoptosi e nell'autofagia"

PRIN 2003: local unit head; "Sintesi di derivati della carnosina e di composti a essa correlati: caratterizzazione della loro attività antiossidante e dell'interazione con la metallo-proteasi carnosinasi"

PRIN 1998: local unit head; "Purificazione e caratterizzazione funzionale della porina dalle caveolae"

PRIN 1997: partecipante ad Unità Locale; "Regolazione dell'espressione di geni coinvolti nella biogenesi dei mitocondri: interazione nucleo-mitocondrio"

FIRB, CNR, Fondazione Telethon Onlus, fondazione AriSLA, programs as participant, CNR progetti finalizzati, Università di Catania progetti di ricerca ex-60%, Vigoni Exchange program with Germany, Galileo exchange program with France, University of Catania various grant programs.

TECHNOLOGY TRANSFER ACTIVITIES

PATENTS:

2017 International patent filed under no. PCT/IB2017/051460 entitled: "Pharmacologically active peptide compound, process for the preparation and use thereof" - Patent owner: Angela Messina, Vito De Pinto et al.

2018 Patent in Italy No. 102016000026259 granted on 21.08.2018.

2020 Patent in Europe No. 3 430 026 B1 granted on 29.04.2020.

SCIENTIFIC BOARD, REVIEWING COMMITTEES

MIUR, MAE, European Commission as an expert in the 'Systems biology, Food quality & safety, Health & Environment Impacts, Initial training of researchers', Regioni Sardegna, Piemonte, Emilia Romagna, Veneto, Lazio, Lombardia, Marche, Puglia.

Reviewer of the following Industrial Funding Programs:

PIA-Innovazione, program Euro TransBio, program REACH, regional programs for Sardinia, Lombardia, Lazio.

Technical Officer for INVITALIA, National Agency for investment and company development.

RESEARCH EXPERIENCES:

1990: granted a one year fellowship in the Cancer Research Center, La Jolla Cancer Research Foundation, advisor: prof. Erkki Ruoshtali

1988: SCLAVO Research Facilities, Siena, Italy, prof. R. Melli

1982: Academy of Sciences, Prague, Czechoslovakia, dr. J. Houstek and prof. S. Drahota

1987 and '89: University of Würzburg, Germany prof. R. Benz

1984 and '86: University of Konstanz, Germany, prof. D. Lauger

1984 and '85: University of München, Germany, prof. M. Klingenberg

SCIENTIFIC SOCIETIES

2019-today Head of the Sicily Division of SIB

2019-today Elected Vice-President of GIBB

2017-2018 Member of the Executive Board of GIBB

2014-2019 Head of the Membrane group of SIB

2012-2013 Responsible of the Membrane and Bioenergetics Section of SIB

2008-2012 Member of the Executive Board of GIBB

2003-today: Italian Human Proteome Organization (HuPO)

1999-today: Federazione Italiana Società della Vita (FISV)

1999-today: Società Italiana di Biofisica e Biologia Molecolare (SIBBM)

1984-today: Gruppo Italiano di Bioenergetica and Biomembrane (GIBB)

1983-today: Società Italiana di Biochimica (SIB)

JOURNAL EDITORIAL REVIEWS

Associate Editor: International Journal Molecular Sciences (MDPI), Cells (MDPI).

Associate Editor: Mitochondrial Research - Frontiers in Physiology, Frontiers in Cell and Developmental Biology.

Review Editor: Cellular Biochemistry - Frontiers in Cell and Developmental Biology, Frontiers in Molecular Biosciences.

Review Editor: Molecular and Cellular Oncology - Frontiers in Oncology, Frontiers in Cell and Developmental Biology

Ad Hoc reviewer:

Trends in Biochemistry, Nature Cell Biology, Journal of Biological Chemistry, Biochemistry, Biochimica et Biophysica Acta, FEBS Letters, Systems Biology in Reproductive Medicine, J. Neurochemistry, Journal of Theoretical Biology, Human Genetics, Experimental Brain Research, Molecular Genetics and Metabolism.

GRANT REVIEW COMMITTEES

Italian Ministry for University, PRIN, NSF (USA), German-Israel Foundation, BBSRC, Australian Research Council, ERC, Horizon 2020, NIH.

SCIENTIFIC MEETINGS AND PRESENTATIONS

2024 Chairman of the Scientific and Organising Committee of the SIB INTERSEZIONI meeting, Messina 3-5 October 2024

2024 Invited Speaker at the 59th FEBS Meeting 2024, Milan, Italy

2022 Invited Speaker at the EBEC Meeting 2022, Aix en Provence, France

2022 Chairman of the Scientific and Organising Committee of the SIB SICILY meeting, Catania 20 December 2022

2020 Invited Speaker at EBEC (European Bioenergetics Conference) Meeting, Marseille, France

2019 Member of Scientific Committee and Organizer of the International Meeting “Membrane Biophysics of Exo-Endocytosis: From Model Systems to Cells”, Nice (FR)

2019 Member of Scientific Committee and Organizer of the Second International Meeting of GIBB (Bioenergetics Group), Foggia

2019 Chair of Scientific Committee and Organizer of 3rd Symposium of SIB Membrane Group, Cosenza

2018 Organizer and Chair of a Parallel Symposium at the International Meeting of FISV, Rome

2018 Invited Speaker at EBEC Meeting 2018, Budapest

2018 Chair of the Scientific Committee and Organizer of 3rd Symposium of SIB Membrane Group, Bologna

2017 Invited Speaker at 61st Biophysical Annual Meeting, New Orleans LA, USA

2017 Chair of Scientific Committee and Organizer of 2nd Symposium of SIB Membrane Group, Catania

2017 President of Scientific Committee and Organizer of the First GIBB International Meeting, Catania

2017 President of Scientific Committee and Organizer of the National Joint Meeting of Italian Bioenergetics Group and Membrane Group of SIB

2016 Invited Speaker at 60th Biophysical Annual Meeting, Los Angeles CA, USA

2016 Organizer, Chair and Speaker of a Parallel Symposium at the EBEC Meeting, Riva del Garda.

2016 Organizer, Chair and Speaker of a Plenary Session at International Meeting of FISV, Roma

2016 Chair of Scientific Committee and Organizer of 1st Symposium of SIB Membrane Group, Milan

2015 Chair of a Plenary Session at GIBB National Meeting, Udine

2015 Chair of a Plenary Session at SIB National Meeting, Urbino

2015 Organizer, Chair and Speaker of a Plenary Session at the International Meeting of FISV, Rome

2014 Invited Speaker at 59th Biophysical Annual Meeting, Philadelphia PA, USA

2014 Organizer, Chair and Speaker of a Plenary Session at the International Meeting of FISV, Pisa

2012-13 Organizer and Chair of the Membrane and Bioenergetic Section at SIB National Meeting (Chieti, Ferrara)

2010 Organizer, Chair and Speaker of a Parallel Symposium at EBEC, Warsaw.

2008-2010 Organizer and Member of the Scientific Committee of the GIBB National Meetings (Bari, Udine, Bertinoro)

2007 President of Scientific Committee and Organizer of the National Joint Meeting of GIBB and ABCD (AciTrezza)

2005-2007 Member of the Scientific Committee of School for Bioinformatics and Biomedicine held in various locations in Sicily

1996, 2009 Member of the organizing and scientific committee, SIB National Meeting