



Prof. Antonio Di Stefano
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CV PROF. Dr. ANTONIO DI STEFANO

FULL PROFESSOR IN PHARMACEUTICAL TECHNOLOGY, SOCIOECONOMICS and LEGISLATION AT THE DEPARTMENT OF PHARMACY OF THE CHIETI-PESCARA UNIVERSITY.

Antonio Di Stefano graduated in Chemistry and Pharmaceutical Technology (CTF) at the University of Camerino, Italy, in April, 1989; in the same year 1989 was supervisor of the analytical laboratories of a food Company and in April 1995, he graduated in Pharmacy at University of Camerino. He gained his Ph.D. on "Medicinal Chemistry" in June 1994. From February 1994 to January 1995 he worked as C.N.R. (Research National Council-Rome, Italy) project researcher, working on synthesis of new Dopaminergic ligands. From March 1995 to March 1996 he was appointed as Post-Doc researcher on the "Synthesis of new dopaminergic ligands".

In April 1996 he got a position as Assistant Professor at the Faculty of Pharmacy, University of Chieti-Pescara, Italy. In December 2003 he got a permanent position as Associate Professor of Pharmaceutical Technology at the Faculty of Pharmacy of the University of Chieti-Pescara, Italy. Since 2011 he has been holding the position of Full Professor on Pharmaceutical Technology, Socioeconomics and Legislation (sector 03/D2) in the same University.

The scientific interest of Prof. Antonio Di Stefano is mainly centered on antiparkinson prodrugs - focusing on chemical structures mainly related to L-Dopa, dopamine and dopaminergic agonists- the study of nano-carrier formulations of codrugs able to cross the BBB as useful tools for Alzheimer's and Parkinson's diseases, the synthesis of new serotonergic ligands and the formulation of Solid Lipid Nanoparticles and polymeric nanoparticles loaded with natural agents able to disrupt the bacterial biofilms and to prevent the antibiotic resistance in bacterial infection. The research activity is well documented in more than 100 papers published in peer-reviewed International Journals, and many Book Chapters, Proceedings, National and international oral Communications.

Academic activities:

-2011-2012. Coordinator of PhD course on "Drug Sciences", Department of Pharmacy, University of Chieti-Pescara, Italy

-From 2013. Coordinator of PhD course on "Biomolecular and Pharmaceutical Sciences" Department of Pharmacy, University of Chieti-Pescara, Italy

Editor of international Journal(s):

- Guest Editor for BioMed Research International (ISSN: 2314-6133)- 2015
- Guest Editor for Central Nervous System Agents In Medicinal Chemistry (ISSN: 1871-5249)- 2015.
- Guest Editor for Biomed Research International (ISSN: 2314-6133)-2015

Invited Speaker

- Invited Visiting Professor ERZURUM TECHNICAL UNIVERSITY, Faculty of Science, Department of Molecular Biology and Genetics-TURKEY to held seminar activities on "drug delivery"(May 2014).
- Invited Visiting Professor ERZURUM TECHNICAL UNIVERSITY, Faculty of Science, Department of Molecular Biology and Genetics-TURKEY to held seminar activities on "Drug design for neurodegenerative diseases" (July 2015)

Awards:

- Plaque at the Conference on Nanotechnology at Erzurum Teknik Universitesi (Turkey, 28-05-2014)
- 2015's Best Paper Award on "International Journal of Medicinal Sciences"; article title: "Potential Antibacterial Activity of Carvacrol-Loaded Poly(DL-lactide-co-glycolide) (PLGA) Nanoparticles against Microbial Biofilm Int. J. Mol. Sci. 2011, 12(8), 5039". The paper was described as an "innovative nanoparticle-based approach to disrupting biofilms, a major challenge in biomedicine".

Scientific profile:

- MIUR PRIN Financial Support for "Modifica delle caratteristiche di rilascio di farmaci " Number 9703228605_011 from 01-01-1997 to 31-12-1999
- MIUR PRIN Financial Support for "Sintesi di analoghi del glutatione" Number MM05534237_002 from 01st-01-2000 to 31th-12-2002
- MIUR PRIN Financial Support for "Strategie di veicolazione di farmaci attivi su patologie del SNC mediante sistemi vescicolari fosfolipidici e non" Number 2003034531_005 from 01-01-2003 to 31-01-2005
- From 2008 Agreement with the Orion Corporation-ORION PHARMA, Finland to develop new antiparkinson agents.
- 2011. Appointed as Scientific Expert to the "'European Economic and Social Committee (EESC)" of Bruxelles for the"Harmonization of Consumer Claims in Cosmetic Products" about Reg. CE n.1223/2009.
- From 2013. Agreement for Scientific collaboration with Dompé SPA in the field of Biotech projects involving the Industrial PhD course on Pharmaceutical Biotechnology
- 2014. Scientific coordinator for the financial support from "Fondazione CARICHIETI" about the research project titled "New drug delivery strategies for Alzheimer's disease treatment"
- 2014-2015. Scientific manager in the field of Pharmaceutical Technology about the Financial support POR-FESRABRUZZO 2007-2013, CUP C78C14000110005; project title "Formulation of new anti TROP2 liposomal conjugate loaded with antitumoral agents"

- 2015. Scientific manager for the Cosmetic Technology field about the financial support of "Programma POR FESR Abruzzo 2007/2013 – Attività I.1.2. – SUNSCREEN PROJECT- Ricerca Industriale E Tutela Della Proprieta' Intellettuale -Laboratori Riuniti Delle Farmacie".
- 2014. Scientific board of the "XXXV Congresso Nazionale Società Italiana Farmacia Ospedaliera (SIFO)".
- 2016. Direttore of Master II Level on "Pharmaceutical Technology Transfer", Department of Pharmacy, University of Chieti-Pescara, Italy