

DANIELA DE STEFANO

Ph.D/Research fellow

Education

- 03/17/2010 **University of Naples Federico II**
Degree Pharmacy
- July 2003 **University of Naples Federico II**
Official qualification for profession
- 24/07/2002 **University of Naples Federico II**
Degree in Pharmaceutical and Technological Chemistry

Research and accademic experience

- 2002-/2005 **University of Naples Federico II**
Position Ph.D in Drug Sciences (Tutor Prof. Rosa Carnuccio)
- 2005-/2006 **Biostructure and Bioimages Institute of National Research Council (Naples)**
Position PostDoc (Tutor Dr. Silvana Del Vecchio)
- 2005-/2008 **University of Salerno**
Position Clinical Pharmacy Specialization (Tutor Prof. Antonello Petrella)
- 2008-/2010 **University of Naples Federico II**
Degree in Pharmacy (Tutor Prof. Armando Ialenti)
- 2009-/2011 **University of Naples Federico II**
Position Post Doc (Tutor Prof. Maria Chiara Maiuri)
- 2011-/2012 **University Ruprecht Karl Heidelberg (Germany)**
Position Post Doc (Tutor Prof. Yvonne Samstag)
- 2013-/2015 **European Institute for Cystic Fibrosis Research, San Raffaele Scientific Institute, Milan**
Position Senior Researcher (Tutor Prof. Luigi Maiuri)
- 2016-/2017 **MultiMedica Fondazione Onlus**
Position Research Fellow (Tutor Dr. Adriana Albini)
- 2017-/2018 **MultiMedica Fondazione Onlus**
Position Research Fellow (Tutor Prof. Alberico Catapano)

Major achievements

“Award for Pharmacological Research” by SIF-Farindustria; “Award Roberto Marrama” by the newspaper “Il Denaro” in collaboration with “Istituto di Credito Sanpaolo Banco di Napoli”; Award “Giovanni Guacci” for the scientific contents of the experimental thesis in Pharmacology.

Principal Investigator of the project “Effects of lipoic acid on proteostasis regulation in cystic fibrosis inflammation” (Funded by Research Foundation for Cystic Fibrosis Fondazione-ONLUS, 2013-2014).

The research activity regarded the molecular mechanisms of celiac disease pathogenesis; the use of decoy oligodeoxynucleotides released by PLGA biodegradable and respirable microparticles in cystic fibrosis together with the inflammatory aspects of cystic fibrosis; the effects of natural products in colorectal cancer.

Professional memberships

Italian Society of Pharmacology (SIF); European Society of Cystic Fibrosis (ESCF); European Atherosclerosis Society (EAS), Italian Society for Atherosclerosis Study (SISA).

Collaborations

-

Most relevant publications (n=5)

1. **De Stefano D**, Vilella VR, Esposito S, Tosco A, Sepe A, De Gregorio F, Salvadori L, Grassia R, Leone CA, De Rosa G, Maiuri MC, Pettoello-Mantovani M, Guido S, Bossi A, Zolin A, Venerando A, Pinna LA, Mehta A, Bona G, Kroemer G, Maiuri L, Raia V. Restoration of CFTR function in patients with cystic fibrosis carrying the F508del-CFTR mutation. *Autophagy*. 2014;10(11):2053-74. doi: 10.4161/15548627.2014.973737.
2. **De Stefano D**, Coletta C, Bianca Rd, Falcone L, d'Angelo I, Ungaro F, Quaglia F, Carnuccio R, Sorrentino R. A decoy oligonucleotide to NF- κ B delivered through inhalable particles prevents LPS-induced rat airway inflammation. *Am J Respir Cell Mol Biol*. 2013 Aug;49(2):288-95. doi: 10.1165/rcmb.2012-0473OC
3. **De Stefano D**. Oligonucleotides decoy to NF- κ B: becoming a reality? *Discov Med*. 2011 Aug;12(63):97-105.
4. Grassia G, Maddaluno M, Musilli C, **De Stefano D**, Carnuccio R, Di Lauro MV, Parratt CA, Kennedy S, Di Meglio P, Ianaro A, Maffia P, Parenti A, Ialenti A. The I κ B kinase inhibitor nuclear factor- κ B essential modulator-binding domain peptide for inhibition of injury-induced neointimal formation. *Arterioscler Thromb Vasc Biol*. 2010 Dec;30(12):2458-66. doi: 10.1161/ATVBAHA.110.215467.
5. **De Stefano D**, Nicolaus G, Maiuri MC, Cipolletta D, Galluzzi L, Cinelli MP, Tajana G, Iuvone T, Carnuccio R. NF- κ B blockade upregulates Bax, TSP-1, and TSP-2 expression in rat granulation tissue. *J Mol Med (Berl)*. 2009 May;87(5):481-92. doi: 10.1007/s00109-009-0443-6.