

Personal data

Place and date of birth: Rome, March 15, 1972

Employment and research experience

2003-2013: Postdoctoral researcher, IRCCS Santa Lucia Foundation, Rome

2013-2016: Assistant Professor in Biology and Lecturer (05/F1 SSD BIO13), Università Cattolica del Sacro Cuore, Rome, Italy.

2016-: Assistant Professor in Biochemistry and Lecturer (05/E1 SSD BIO10), University of Rome Tor Vergata

Fields of interest

Purinergic receptors in the physiology of the nervous system (1996-2004)

Quaternary structures of purinergic receptors (2005-2007)

Purinergic receptors in amyotrophic lateral sclerosis (ALS) (2008-2013)

Neuroinflammatory mediators in ALS (2014-present)

Grants as PI

-2009 AriSLA (PRALS)

-2010 Thierry Latran Foundation for ALS (PRALS)

-2013-2016 Linea D1. Università Cattolica del Sacro Cuore, Rome, Italy

Quality & quantity parameters of publications

Total publications on peer reviewed journals: 40; reviews: 13

Number of articles as 1st or last author: 20; Total Impact Factor: 177; Average Impact Factor: 4.5

h-index: 23 (from SCOPUS 07/06/2017) Total citations: 1549 (from SCOPUS 07/02/2017).

5 selected publications

1: Serrano A,...**D'Ambrosi N***, Michetti F*. The astrocytic S100B protein with its receptor RAGE is aberrantly expressed in SOD1G93A models and its inhibition decreases the expression of pro-inflammatory genes. *Mediators Inflamm.* 2017, in press. *Equally contributed. IF: 3.4

2: Apolloni S,..., **D'Ambrosi N***, Volonté C*. Spinal cord pathology is ameliorated by P2X7 antagonism in a SOD1-mutant mouse model of amyotrophic lateral sclerosis. *Dis Model Mech.* 2014 Sep;7(9):1101-9. *Equally contributed. IF: 5

3: Parisi C, ...**D'Ambrosi N**,...Volonté C. Dysregulated microRNAs in amyotrophic lateral sclerosis microglia modulate genes linked to neuroinflammation. *Cell Death Dis.* 2013 Dec 12;4:e959. IF: 5.2

4: Apolloni S..., **D'Ambrosi N**. Ablation of P2X7 receptor exacerbates gliosis and motoneuron death in the SOD1-G93A mouse model of amyotrophic lateral sclerosis. *Hum Mol Genet.* 2013 Oct 15;22(20):4102-16. IF: 6.7

5: Apolloni S..., **D'Ambrosi N**. The NADPH oxidase pathway is dysregulated by the P2X7 receptor in the SOD1-G93A microglia model of amyotrophic lateral sclerosis. *J Immunol.* 2013 May 15;190(10):5187-95. IF: 5.3