

Name: Monica M.G. DiLuca  
Institution, department: University of Milano, Pharmacological and Biomolecular Sciences  
Address: Via Balzaretti, 9 – 20133 Milano (Italy)  
Phone: +39 02 503 18374  
Fax: +39 02 503 18284  
E-mail: [monica.diluca@unimi.it](mailto:monica.diluca@unimi.it)

## **Curriculum Vitae**

### **Professional and academic career**

- Laurea cum laude in Chemistry and Pharmacology Technology, Faculty of Pharmacy, University of Milan – 110 lode/110 (1986)
- PhD in “Pharmacology”, Faculty of Pharmacy, University of Milan (1992)
- PhD in Medical Sciences, School of Medicine, University of Utrecht (1993)

### **Professional experience**

- Vice – Rector for International Strategies, University of Milano: 2014 –
- Director of NeuroNest (Center of Neuroscience of Univeristy of Milano): 2014 – today
- Head of Laboratory of Pharmacology of neurodegeneration – DiSFeB Univ. of Milano
- Full Professor of Pharmacology - University of Milano (2011 – present)
- Associated Professor of Pharmacology - University of Milano (2000 – 2011)
- Assistant professor, Institute of Pharmacological Sciences University of Milano (1995 – 2000)

### **Honours and awards**

- Laurea Honoris Causa Faculty of Medicine and Pharmacy, Univ. of Mons (Belgium) (March 2017)
- EMBO membership (2017)
- ENCP Media Award – Brain: the inside story (2013)
- Award for Neuroscience - Italian Society for Neuroscience (1997)
- Award of the Faculty of Pharmacy, University of Milano for "Studies on neuronal plasticity" (1994)

### **General administrative and organizational experience**

- Italian Interdisciplinary Network on Alzheimer Disease, ITINAD (Scientific Secretary: 1998-2001; Vice President: 2001-2009)
- SINDEM - Società Italiana Neurologia delle Demenze (Board Member: 2012 - today)
- SINEG – Società Italiana di Neurogeriatria (Board Member 2005-2009)
- SINS – Società Italiana di Neuroscienze (Board Member 2001-2005)
- SIF – Società Italiana di Farmacologia (Coordinator for “Regione Lombardia”: 2007-oggi; Coordinator Group of Neurodegenerative Diseases: 2012; Member of Advisory Board: 2013-2017)
- EBC - European Brain Council (Member of Advisory Board: 2003-2006; Vice-president: 2010-2016)
- EBC - European Brain Council: President: 2017- 2019
- European Neurosciences Association (Member: 1994-1998)
- IBRO, International Brain Organization (Chair of Wester Europe Regional Committee: 2006-2010; Executive Director Inter-Regional activities, 2010-2014)
- FENS - Federation of European Neuroscience Societies (Member of Scientific Programme Committee: 1996-2000; General Secretary: 2000-2006; Member of Board Programme of European Neuroscience Schools, PENS: 2006-2010; President 2014 – 2016)

- Federation of European Neuroscience Societies Trust (President: 2006 – today)
- EDAB, European Dana Alliance (Invited Member: 2008)
- SfN - Society for Neuroscience (Member of Women in Neuroscience Committee: 2007 – 2010; Member of Professional Development Committee: 2009 - 2012)
- European College of Neuropsychopharmacology ECNP (ECNP Award Committee: 2017 - )
- EMBO - European Molecular Biology Organisation (Elected Member: 2017 - )
- Univ. of Milano - Delegate Vice-Rector of Working Group Horizon 2020: 2012 – 2013
- Univ. of Milano – National Coordinator Working Group CRUI H2020: 2012
- Univ. of Milano - delegate at “The League of European Research Universities” (LERU) – 2015 – today

## Organizational activities

- **2017** 6<sup>th</sup> European Synapse Meeting – Milano, 4/6 December
- **2017** Cajal Advanced Programme in Neuroscience: Synapse Course – Bordeaux, 02/21 July
- **2015** 5<sup>th</sup> European Synapse Meeting – Bristol, 7/9 September
- **2014** 9<sup>th</sup> FENS Forum – Milan, 5/7 July
- **2013** SIF (Società Italiana di Farmacologia) – “Alzheimer Disease: which are the challenges we need to face?” From basic mechanisms to genetic and translational aspects – Milan, 10 May
- **2012** Workshop in the frame of 7FP Project – SyMBaD “2D-gel analysis and Mass Spectrometry, to detect changes in synaptic proteins expression” – Milan, 19/22 March
- **2011** Workshop in the frame of 7FP Project – SyMBaD “Cell-permeable peptides: a tool to study synaptic protein complexes in physiology and pathology” – Milan, 18/21 April
- **2011** "First European Day of the Brain. Ageing, Stroke and Alzheimer's Disease-Finding Innovative Solutions" – Varsavia, 18 November
- **2011** “The Synapse: From physiology to pathology” – Stresa, 4/7 September, Satellite of International Society of Neurochemistry” (ISN)
- **2008** Eu-Synapse – Bordeaux, 25/28 March
- **2006** FENS Forum – Vienna, 11/15 July
- **2004** Vice chair EURESCO conference on Learning and Memory – Obernai, 16/19 May
- **2002** FENS Forum – Paris, 13/17 July
- **2002** FENS Forum – Lisbona, 10/14 July
- **2001** ITINAD: “Biological Markers on Alzheimer Disease” – Monza, 3 November
- **2001** Congress ITINAD – Rome, 28/30 June
- **2000** Congress ITINAD – Palermo, 29 June/1 July
- **2000** “Federation of European Neuroscience Societies (FENS) Forum” - Brighton (UK)
- **1999** FENS Summer School on “Neurodegeneration and Regeneration: from basic to disease” – Elba
- **1998** Official Satellite of European Neuroscience Forum “Synaptic plasticity learning and memory” – Berlin, 1/3 July
- **1998** "Federation of European Neuroscience Societies (FENS) Forum " - Berlin
- **1997** Elba Summer School of Neuroscience (ENA): "Degeneration and regeneration in the Nervous System: mechanisms and disease"

## Funding

Funding from:

- Italian Ministry of University and Research (PRIN2015, PRIN2010-11, FIRB2011, PRIN2008, FIRB2003, PRIN)
- Italian Ministry of Health (Min.San. 2010, 2008, 2004, 2002, 2000)
- CNR (1999, 1998, 1995)
- JPco-fuND
- European Commission (H2020-MSCA-ITN-2015; FP VII ITN; FP VII Collaborative projects; FP VI Collaborative projects)
- Foundations (Cariplo foundation, IPSEN, Telethon)
- Companies (Lundbeck, Bracco, Sigma-Tau)

### **Patents**

- European patent application EP 13196710.1 - 1456 (ADAM10 inhibition to treat Fragile X syndrome), registered on 11/12/2013.

### **Research interests**

Her primary research interest is related to brain and synaptic plasticity both in physiological and pathological conditions, with the primary aim to apply her basic findings to the cure of neurodegenerative diseases as Alzheimer and Parkinson Disease. In the last 15 years she focused on the understanding of the molecular mechanisms regulating the composition, the structural organization and the dynamic of the glutamatergic synapse. In this frame she was coordinator of one European Commission VI FP project (Synscaff) and of two VII FP projects (REPLACES, cPADS) and partner one VII FP project (SYMBAD) and one H2020 Innovative Training Networks (ITN) - Marie Skłodowska-Curie Actions project (SyDAD). More than of 200 pubmed indexed papers have been published.