

## **Carola Eva**

Date and place of Birth: 21 July 1957 in Torino, Italy.

### **Institutions**

Department of Neuroscience, University of Torino; Neuroscience Institute Cavalieri Ottolenghi (NICO); Neuroscience Institute of Torino; Consorzio INN.

### **Current Position**

Full professor of Pharmacology, Medical School, University of Turin.

### **Education and Training**

1981 Doctoral, Summa cum Laude, University of Turin, Faculty of Science MFN

1988 Ph.D in Pharmacology and Toxicology.

### **Employment and research experience**

- . 1982: National Institute of Mental Health, Washington D.C. , USA.
- . 1983-1985: Visiting Fellow, National Institute of Mental Health, Washington D.C. , USA.
- . 1985-1986: Research associate, School of Medicine, Georgetown University, Washington D.C., USA.
- . 1987- 1992: Postdoctoral Fellow, Medical School, University of Turin.
- . 1989- 1990: Centrum for Molecular Biology Heidelberg, Heidelberg University, Germany
- . 1992-1998: Research Associate, Medical School, University of Turin.
- . 1998- 2004: Associate Professor of Pharmacology, Medical School, University of Turin.
- . 2004-present: Full professor of Pharmacology, Medical School, University of Turin.
- . From 2010 the laboratory has moved to the NICO: Neuroscience Institute Cavalieri-Ottolenghi, Cavalieri-Ottolenghi Foundation, Orbassano.

### **Teaching activity**

Professor of Pharmacology at the Faculty of Medicine, Psychology, Biotechnology; in the schools of Specialization in Psychiatry, Human genetic, Pediatric Neuropsychiatry, Internal Medicine; tutor in the School of Doctorate in Medicine and Experimental Therapy

### **International collaborations**

-Dr. Gavin Bewick, Division of Diabetes & Nutritional Sciences, School of Biomedical sciences, King's College London, London, UK.

-Dr. Eric Grouzmann,

Centre Hospitalier Universitaire Vaudois, Département des Laboratoires, Laboratoire des Catécholamines et Peptides, Hôpital Beaumont, Lausanne, Switzerland.

-Dr Jessica Kwok, Faculty of Biological Sciences, University of Leeds, UK.

-Dr. Ralf Ritzcher, Parque tecnológico de San Sebastián, San Sebastian, Spain.

-Dr. Roland Schuele, Department of Urology, Center for Clinical Research, University Freiburg Medical Center, Freiburg, Germany.

-Dr. Rolf Sprengel, Max Plank Institute for Medical Research, Heidelberg, Germany.

-Dr. Janice Urban, Rosalind Franklin University of Medicine and Science, Physiology & Biophysics, North Chicago, Illinois, USA.

-Dr. Stefano Vicini, Department of Physiology and Biophysics, Georgetown University School of Medicine, Washington DC, USA.

### **Italian collaborations**

-Dr. Giovanni Biggio, Dept. of Life and Environmental Sciences, Section of Neuroscience,

University of Cagliari.

-Dr. Annalisa Buffo, Neuroscience Institute Cavalieri Ottolenghi, Dept. of Neuroscience, University of Torino.

-Dr. Daniela Carulli, Neuroscience Institute Cavalieri Ottolenghi, Dept. of Neuroscience, University of Torino.

-Dr. Adriana Maggi, Center of Excellence on Neurodegenerative Diseases and Department of Pharmacological and Biomolecular Sciences, University of Milan

-Dr. Enzo Nisoli, Dpt of Medical Biotechnology and Translational Medicine, Center for Study and Research on Obesity, University of Milan

-Dr. Paola Palanza, Dept of Evolutionary and Functional Biology, University of Parma.

-Dr. Mariangela Serra, Dept. of Life and Environmental Sciences, Section of Neuroscience, University of Cagliari.

### **Grants**

Scientific Research Programs of the University of Torino / Compagnia di San Paolo Foundation 2015-2017

CRT Foundation 2014-2016

Scientific Research Programs of Relevant National Interest of MIUR, 2013-2016.

Scientific research in biomedical field, Cariplo Foundation, n. 2013-0786, 2014-2017.

Scientific Research Programs of Relevant National Interest of MIUR, 2010 -2012.

Neuroscience Program. Compagnia di San Paolo Foundation, Turin, Italy, 2009-2012

Scientific Research Programs of Relevant National Interest of MIUR, 2008 -2010

### **Scientific interests**

Carola Eva is internationally recognized for her studies on NPY e Y1 receptor that were performed by using

biomolecular, histochemical, image analysis, behavioural and pharmacological techniques. In particular: cloning of 7 TM receptors, Y1 receptor, Y1 receptor gene, regulation of Y1 receptor gene transcription (NF-kappaB, estrogens); role of the Y1 receptor in the regulation of the feeding behavior; interaction between GABA, NPY and neuroactive steroids during pregnancy, stress response and ethanol consume.

The research group coordinated by Carola Eva has generated transgenic mice and conditional knockout mice for the murine Npy1r gene that represent innovative models to study the role of Y1R in anxiety, stress response and energy homeostasis.

The results of Dr. Eva's studies are published in 69 publications, 49 listed in PUB Med (1141 citations, H-index 18, mean IF 5,03).

**Publications:** <http://publicationslist.org/carola.eva>