

## **Dr. Marco Capogna, Curriculum Vitae, May 2013**

Date, place of birth	10 <sup>th</sup> of May 1958, Rome, Italy
Citizenship	Italian
Family	Married with two children
Languages	Italian, English, German (basic), Spanish (basic)
Email	marco.capogna@pharm.ox.ac.uk
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### **Education**

1988-1992	University of Pisa, Italy; Ph.D. in Neuroscience
1983-1987	University of Pisa, Italy; degree in Biology (summa cum laude)
1977-1982	University of Rome, Italy; degree in Exp. Psychology (summa cum laude)

### **Professional Experience**

2001-present	MRC Senior Group Leader, Anatomical Neuropharmacology Unit, Oxford, UK
1999-2000	Senior scientist and Group Leader, Neurophysiology Laboratory, Novartis Institute for Medical Sciences, University College London, UK
1992-1998	Postdoctoral Fellow, Brain Research Institute, University of Zurich, Switzerland; Group: Dr. Scott M. Thompson and Prof. Beat H. Gähwiler

### **Awards & Grants**

2011-2013	Wellcome Trust UK, project grant, “Unique spatiotemporal profile and spillover of GABA explains volume transmission in the hippocampus”, (£172,279)
2008-2015	MRC UK, Programme grant, “Contribution of GABAergic neurotransmission to the circuits of amygdala and hippocampus in health and disease” (£1,185,586)
2007-2010	MRC UK, Collaborative project grant with Prof. Dmitri A. Rusakov (Principal Applicant), Dr. Ricardo Scott, Prof. Dimitri Kullmann and Prof. Peter Somogyi, “Probing presynaptic receptor function with two-photon uncaging, two-photon Ca <sup>2+</sup> imaging and two-photon photobleaching” (£290,024)
2001-2007	MRC UK, Programme grant, “Modulation of synaptic transmission by presynaptic receptors in the cerebral cortex” (£1,178,468)
2005	British Council-Austria, Academic Research Collaboration grant, in collaboration with Prof. Francesco Ferraguti (Dept Pharmacology, Innsbruck, Austria), “Basic physiological and pharmacological properties of neurochemically identified interneurons of the amygdaloid complex”
1993-1998	Swiss National Science Foundation Grant, Switzerland
1992	Consiglio Nazionale delle Ricerche (CNR) Fellowship, Italy
1988-1992	Ph.D. Fellowship, Italian Ministry of Education, Italy
1988	European Training Programme Fellowship, Max Planck Institute for Psychiatry, Dept. of Clinical Neuropharmacology, Munich, Germany
1987	Enimont Fellowship, Italy

### **Teaching Experience**

2001-present	MSc in Neuroscience/Wellcome Trust, University of Oxford, UK
2001-present	Tutorials in Neuroscience for undergraduate students of Oxford Colleges: Corpus Christi, Lady Margaret Hall, Magdalen, St. Hilda's, St. Peter's
1995	Workshop: “Modulation of synaptic processes”, organised by Georg-August University, Göttingen, Germany

### **Administration**

2001-present	MRC Anatomical Neuropharmacology Unit, UK
1999-2000	Novartis Institute for Medical Sciences, UCL, UK

**Public Understanding of Science**

2008 Author of the lay article: "Understanding the emotional brain", eStrategies Projects 5, 64-65

2001-present Science open day held annually at the MRC, ANU, Oxford, UK

**Referee Duties**

From 2008 Editor of the journals: Current Neuropharmacology, Frontiers in Cellular Neuroscience

1995-present ~ 15 journals (i.e., Neuron) and ~10 funding bodies (i.e., FRM France)

**Invited Talks**

1992-present ~ 40 Departmental Seminars and talks at international conferences

**Selected Publications**

- Bienvenu C.M., Busti D., Magill P.J., Ferraguti F., and Capogna M. (2012) Cell type-specific recruitment of amygdala interneurons to hippocampal theta rhythm and noxious stimuli in vivo. *Neuron*, 74 (6): 1059-1074, 2012. Paper selected and recommended for F1000.

- Capogna M. and Pearce R.A. GABAA, slow: causes and consequences (2011). *Trends in Neuroscience*, 34 (2): 101-112.

- Karayannis T., Elfant D., Huerta-Ocampo I., Teki S., Scott R., Rusakov D., Jones M.V., and Capogna M. (2010) Slow GABA transient and receptor desensitization shape synaptic responses evoked by hippocampal neurogliaform cells. *Journal of Neuroscience*, 30(29): 9898-9909.

- Price C.J., Scott R., Rusakov D., and Capogna M. (2008) GABA<sub>B</sub> receptor modulation of feedforward inhibition through hippocampal neurogliaform cells. *Journal of Neuroscience*, 28 (27): 6974-6982. Featured in Editors' Choice, *Science*, 321: 318, 2008.

- Price C.J., Cauli B., Kovacs E., Lambolez B., Shigemoto R., and Capogna M. (2005) Neurogliaform neurons form a novel inhibitory network in the hippocampal CA1 area. *Journal of Neuroscience*, 25 (29): 6775-6786.

- Thompson S.M., Capogna M., and M. Scanziani (1993). Presynaptic inhibition in the hippocampus. *Trends in Neuroscience*, 16: 222-227.