
FRANCESCA MAGNANI, PhD
Curriculum Vitae

EDUCATION

- 2000-2004 PhD degree supervised by Prof. Clive Williams and Dr. Jana Haase (Biochemistry Department, Trinity College Dublin, Ireland).
Thesis title: **The subcellular trafficking and regulation of the serotonin transporter (SERT) by cholesterol.**
- 1999 Degree in Molecular Biology (italian "laurea" equivalent to a master degree) at the University of Bologna, Italy.
Thesis title: **Modulation of brain progenitor cells of the subventricular zone in the adult rat during experimental allergic encephalomyelitis (EAE), an animal model for multiple sclerosis (MS).** Degree thesis supervised by Prof. Antonio Contestabile and Prof. Laura Calzà.

CURRENT POSITION

- Since 2017 **Functional characterisation and crystallisation of flavoenzymes and heme membrane proteins.** Assistant professor (RTDA) at the Department of Molecular Biology and Biotechnology (Andrea Mattevi's lab), University of Pavia (Italy).

PREVIOUS POSITIONS

- 2014-2016 **Functional characterisation and crystallisation of membrane flavoenzymes.** Assistant professor at the Department of Molecular Biology and Biotechnology (Andrea Mattevi's lab), University of Pavia (Italy).
- 2012-2013 **Crystallisation of GPCRs.** Scientist at ConfometRx Inc. (Santa Clara, California, USA).
- 2009-2011 **Structural studies of the immune complement receptors.** Postdoctoral researcher in the laboratory of Prof. Gregers Rom Andersen (Centre for Structural Biology, Department of Molecular Biology, University of Aarhus, Denmark).
- 2005-2009 **Improving the crystallisability of G-protein coupled receptors (GPCR) by in vitro evolution.** Postdoctoral fellow (MRC-Career and Development Fellowship) in the laboratory of Dr. Richard Henderson and Dr. Chris Tate (MRC-Laboratory of Molecular Biology, Cambridge, UK).
- 2004-2005 **Mechanism of regulation of the serotonin transporter.** Research assistant in the laboratory of Dr. Jana Haase (Biochemistry Department, Conway Institute, University College Dublin, Ireland).