

PERSONAL INFORMATION

Laura Maria Uva

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WORK EXPERIENCE

31/12/19 - today

Health Researcher

Fondazione IRCCS Istituto Neurologico Carlo Besta – Milan, Italy

Study of ictogenesis mechanisms; Electrophysiological recordings in the isolated guinea-pig brain and slices, data dissemination and writing of scientific papers and grant applications. University students supervision.

Since 10/05/2006 to 30/12/19

Researcher contracts at Fondazione IRCCS Istituto Neurologico Carlo Besta – Milan, Italy

2001-2006

Fellow at Fondazione IRCCS Istituto Neurologico Carlo Besta– Milan, Italy

2000-2001

Fellow at Vrije Universiteit – Amsterdam, Paesi Bassi and at Fondazione IRCCS Istituto Neurologico Carlo Besta– Milan, Italy

EDUCATION AND TRAINING

2005

San Servolo Advanced International Summer Course “Bridging basic with clinical epileptology” San Servolo, Venice, Italy

2002-2005

PhD in “Cellular and Molecular Physiology”
Università degli Studi di Milano

2003

Qualification to the profession of Biologist

Università degli Studi di Milano

1994-2000

Degree in Biological Sciences (110/110)

Università degli Studi di Milano

1994

High school scientific diploma

▪ Epileptology and Neuroscience

ACHIEVEMENTS AND AWARD

Editorial activity

Invited Reviewer of scientific papers for international peer reviewed journal.

Grants

-Project 5x1000, Title: “New mechanisms of seizure generation - the role of demyelination” (competitive call 2021) (role: co-PI)

-Project GR-2011-02348633 funded by Italian Ministry of Health “Meccanismi di terminazione delle crisi nell'epilessia focale” (role: PI)

TECHNICAL SKILLS

1. Electrophysiological recordings (field potentials and intracellular recordings; ion-sensitive electrodes and neurotransmitters biosensors utilization) in the isolated guinea-pig brain and

brain slices.

2. Guinea-pig brain isolation and brain slices preparation for in vitro electrophysiological recordings
3. Use of softwares: Office (Word, Excel, Power Point), internet softwares, CorelDraw, Origin, Labview, Clampfit
4. Histological techniques (vibratome and histological stainings)