



Name: Elisa
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Nativity: Pavia, Italy
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ACADEMIC RANK

Assistant Professor

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Liceo Scientifico (High School) Tecnologico at I.T.I.S. G. Cardano, Pavia, Italy	Baccalaureate	2001	Science
University of Pavia, School of Pharmacy, Pavia, Italy	Pharm. D.	2006	Neuropharmacology
University of Pavia, International Doctorate in Biomolecular Sciences and Biotechnology, Pavia, Italy	PhD	2007- 2010	Molecular Biology

A. Positions and Honors.

Positions:

From December 29th 2010 to now- Assistant Professor, Dept. of Drug Sciences (ex Dept. of Experimental and Applied Pharmacology), University of Pavia.

From April 1st to June 30th 2010 – Fellowship to the Pharmacogenetics Laboratory of the Department of Clinical Chemistry of the Erasmus Medical Center in Rotterdam, The Netherlands.

November 1st 2007 to December 20th - 2010 PhD, Dept. of Experimental and Applied Pharmacology, University of Pavia, Italy.

2006-2007 Fellowship, Dept. of Experimental and Applied Pharmacology, University of Pavia.

Technical skills:

DNA isolation and quantification; genotyping (PCR + RFLP, PCR + sequencing, Real-Time PCR with Taqman probes, AmpliChip CYP450 Roche®, Real-Time PCR with Lightcycler Roche®)
HPLC;

Microdialysis;

Western Blotting and Immunoblotting;

Immunohistochemistry and Immunocytochemistry;

Honors and Awards:

2007- ITINAD Olbia Poster Award

B. Selected peer-reviewed publications (in chronological order).

Pistoia F., Mura E., Govoni S., Sarà M. *Awakenings from persistent vegetative state: is there a role for drugs?* CNS Drugs. 2010; 24(8):625-38

Grilli M., Lagomarsino F., Zappettini S., Preda S., Mura E., Govoni S., Marchi M. *Specific inhibitory effect of beta-amyloid on presynaptic muscarinic receptor subtypes modulating neurotransmitter release in the rat nucleus accumbens.* Neuroscience. 2010; 167(2):482-9

Mura E., Preda S., Govoni S., Lanni C., Trabace L., Grilli M., Lagomarsino F., Pittaluga A., Marchi M. *Specific neuromodulatory actions of beta-amyloid on dopamine release in rat nucleus accumbens and caudate putamen.* Journal of Alzheimer Disease. 2010; 19(3):1041-53.

Mura E., Lanni C., Preda S., Pistoia F., Sarà M., Racchi M., Schettini G., Marchi M., Govoni S. *Beta-amyloid: a disease target or a synaptic regulator affecting age-related neurotransmitter changes?* Current pharmaceutical Design. 2010; 16(6):672-83.

Sarà M., Pistoia F., Mura E., Onorati P., Govoni S. *Intrathecal baclofen in patients with persistent vegetative state: two hypotheses.* Arch Phys Med Rehabil. 2009; 90:1245-1249.

Preda S., Govoni S., Lanni C., Racchi M., Mura E., Grilli M., Marchi M. *Acute beta amyloid administration disrupts the cholinergic control of dopamine release in the nucleus accumbens.* Neuropsychopharmacology 2008; 33(5):1062-70.

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Other Bibliography:

Papers in Italian language: 3

Abstract publications: 10



C. Research Support.

Co-Investigator Italian Ministero Università Ricerca prot. N° 2007HJCCSF
In vivo and in vitro study of beta Amiloyd function