Cv of PUJA Giulia

EDUCATION

2014- Abilitazione nazionale 05/G1 Associate professor
1987-Intensive Course EMBO-"Transmembrane signalling"- Pavia
1987-School of Biophysics-"Signal transduction" – Erice
1987-State Exam -University of Ferrara -
1985- Degree in Biological Sciences -University of Trieste-

PROFESSIONAL EXPERIENCES

2017- now **Associate Professor in PHARMACOLOGY**
University of Modena and Reggio Emilia- Modena-Italy

1996-2017 **Assistant Professor in PHARMACOLOGY**
University of Modena e Reggio Emilia- Modena-Italy

Aug-Sept 2002, April-June 2003 and 2005
Visiting Scientist
laboratory Prof. J.J. Lambert
Department of Neuroscience and Pharmacology –Dundee University-U.K.

July -Sept 1997/ 1998/ 1999/ 2001
Visiting Scientist
laboratory Prof. E. Costa
University of Illinois - Department of Psychiatry –Chicago- U.S.A.

1993-1996 **Assistant Professor** -Tenure track in PHARMACOLGY
University of Modena, Modena,Italy

1994 -1995 **Visiting Researcher**
laboratory Prof. P.H. Seeburg
Center for Molecular Biology (ZMBH) - University of Heidelberg - Heidelberg-Germany

1992-1993 **Research Assistant Professor**
Department of Pharmacology- Georgetown
University- School of Medicine-Washington D.C. U.S.A

1988-1991 **Post-Doctoral Fellow**
Department of Pharmacology, Georgetown University- School of Medicine-Washington D.C.- U.S.A.

1986-1988 **Visiting Researcher**
Internazional School for Advanced Studies (SISSA)-Trieste-Italy

Jan - April 1987
Visiting Researcher
laboratory Prof. D. Bertrand- Physiology Dept- University of Ginevra-Switzerland

July - Sept 1988
Visiting Researcher
laboratory Prof. J. Barker, National Institute of Health (NIH)- Bethesda- U.S.A.

RESEARCH GRANTS

2019-2023 H2020 FET-ProAct, EU – Collaborator
2021-2023 University of Modena and Reggio Emilia: P.I.
2022 PRIN -2022Y544HH- Responsabile di Unità di ricerca

SCIENTIFIC ACTIVITY

The research activity focus mainly on the pharmacological regulation of synaptic transmission by endogenous (neurosteroids, thyroid hormones) or exogenous substances (newly synthetized drugs, natural origin extracts).
Research topics include:
1.) Development of allosteric modulators of glutammatergic neurotransmission as novel therapeutic agents for neuropsychiatric and neurodegenerative diseases
2.) Study of the fast modulatory action of thyroid hormones at the level of GABAergic, Glutammatergic and Cholinergic neurotransmission
3.) In vitro evaluation of the pharmacological properties of compounds of natural orgin.
4.) Study of the activity of neurosteroids, at the level of neurons and astrocytes, determination of Neurosteroid levels in brain tissues and in primary cultures of different cell types

The scientific activity led to 80 publications (71 peer reviewed articles, 8 book chapters) and 71 abstracts.

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