

Isabelle PERROTEAU
Curriculum Vitae

Address: Laboratory of Cellular and Molecular Biology
Dept of Human and Animal Biology
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Born in Rouen (France) on February 28th, 1958
Married, with two sons (born on 1986 and 1989)
Italian citizen since 1991

Mother tongue: French
Other languages: Italian, English

Education and training

- Oct 1976/Jun 1980 : Master degree in Biology and Physiology, University of Rouen (F). This Master degree has been declared equipollent to the "Laurea in Scienze Biologiche" by the University of Turin (I) on December 17, 1987.
- Nov 1983 "Docteur d'Université" in Cellular and Molecular Biology, University of Rouen, France
- Dec 1983/Nov 1985: Fogarty Fellow, National Cancer Institute, Bethesda, USA
- Jul 1986/Nov 1990 Consultant at the Biomedical Research Institute (RBM) "A. Marxer", Ivrea, Italy
- Nov 1990/Nov 1992: Fellow of the European Community for the project entitled: "Cell communication and neuronal differentiation", Dept of Human and Animal Biology, University of Turin (I).

Accademic carrier and responsibilities

- Nov 1992/Sept 2001: Associate Prof. in Cell Biology, Department of Human and Animal Biology, University of Turin (I).
- Apr 2000/present: Member of the Rita Levi Montalcini Center for Brain Repair, University of Turin (I).
- Sept 2000/present: Member of the Neuroscience PhD graduate Faculty, University of Turin (I).
- Oct 2001/present: Full Prof. in Cell Biology, Dept of Human and Animal Biology, University of Turin (I). Teacher of courses in Cell Biology, Cellular (Molecular) Biology, Signal Transduction, Cellular and Molecular Biotechnology, Biomaterials.
- Oct 2001/2004: Director of the Biology program, Faculty of Sciences, University of Turin (I).
- 2002/04: Responsible for the CRUI-CAMPUS project in biology, University of Turin. Responsible for the preparation of self evaluation reports and internal and external audit.
- Oct 2003/2009: Member of the Human Resource Committee of the Faculty of Sciences, University of Turin (I).
- Jan 2004/present: Technical University Expert for Accreditation, Regione Piemonte, (I)
- Responsible for the accreditation of the Bachelor biology program, Coordinator of the accreditation and quality culture group of the Faculty, University of Turin (I)

- Jan 2006/present: Member of the Center for Complex System in Molecular Biology and Medicine, University of Turin.
- 2005/2011: Member of the Directory Comity and Secretary of the Italian University National Council for Tuning in Biology.
- 2007/present: Member of Turin Institute for Neurosciences.
- 2006/2009: Contact Person of the University of Turin for the European Project TEMPUS – HERBS (Higher Education Reform in Biological Sciences) JEP-400094_2005. Participating universities: Nice, Madrid, Turin, Belgrad, Novi Sad, Kragujevac and Nis
- 2010/2013: Contact Person of the University of Turin for the European Project TEMPUS – ISIS (Scientific International Master for Biotechnology and Neuroscience in South Mediterranean area). Partner universities: Alexandria , Beyrouth, Tetouan University, Bordeaux, Aix-Marseille, Nice, Valencia
- Jun 2007/present: Represent, for the University of Turin, in the board of Directors of the Association for Scientific and Technological Development in Piemonte.
- Oct 2007/09: Member of the Valutation Board of the University of Turin.
- Oct 2009/present: Director of the Valutation Board of the University of Turin.

MAIN SCIENTIFIC INTERESTS:

Cell Biology and neurosciences: Growth factors, tyrosine kinase receptors and signal transduction; Olfactory system and neurogenesis in the adult central nervous system; Cell adhesion and migration Recombinant proteins and cellular transplants; ErbB and neuregulins; Nerve repair in the peripheral nervous system; Gene therapy.

Publications

Author and co-author of about 70 full-length papers mainly in ISI journals with Impact factor and of about 100 communications to congresses (including free oral communications and posters).

[Main recent publications.](#)

Member of "Société del Neuroendocrinologie Expérimentale", France

Co-organiser of the Workshop “ Surgical repair and regenerative potentiality of peripheral nerves”, May 5th 2005, Turin

Co-organiser of the Workshop “New approaches in Central and Peripheral Nervous System lesions repair”, October 10th 2006, Turin

MAIN RECENT GRANTS

-2003: Responsible of a Research Unit in the MURST-FIRB grant (S. Geuna Responsible of the project) "Experimental study on peripheral nerve repair by means of autologous tissue grafts and synthetic scaffolds"

-2003: Responsible of research fellowship for the study of "nasal to brain route" as an alternative approach for drug delivery, Research Institute "Cesare Serono spa", Rome

-2004: Responsible of research fellowship for the confocal microscopy study of "nasal to brain route" of Interferon-beta, Research Institute "Cesare Serono spa" Rome

-2005: Recipient of a research grant from Regione Piemonte for the project entitled "Experimental study on peripheral nerve repair"

-2005: Recipient of an award TESINA (TEchnology Scouting IN Accademia) from the Canavese

Bioindustry Park (Ivrea) for the production of recombinant peptides of the neuregulin/ErbB family

- 2005: Coordinator of the project CIPE Regione Piemonte 2004 “New Biomedical technologies for regeneration of surgical repaired peripheral nerves and reduction of denervated muscles atrophy”, co-responsible A. Graziani (Novara).
- 2005: Coordinator of PRIN “ Effects of NRG1 on peripheral nerve regeneration and denervated skeletal muscle”, co-responsible S. Geuna (Turin) and A. Graziani (Novara)
- 2005: Responsible of the research project “Role of Neuregulin/ErbB system in cellular regulations”, University of Turin
- 2006: Recipient of a research grant “Ghrelin effect on skeletal muscles atrophy prevention in a genetic model of Duchenne dystrophy”, Regione Piemonte
- 2006: Recipient of a research grant “Role of Neuregulin/ErbB system in nervous regeneration”, University of Turin
- 2007: Academic tutor of the PROTEINN project for the introduction of young graduate in PMI for the development of technological projects and innovation N.152, Turin
- 2007: Recipient of a research grant “Sperimental study of nrg/erbB system in peripheral nerve repair with muscle-vein combined guides”, Regione Piemonte.
- 2007: Responsible of research project “Role of neuregulins in neuronal and glial differentiation”, University of Turin.
- 2007: Academic tutor of the project World Wide Style “ Bioinformatics and biomolecular analysis of genes involved in cellular migration induced by the stimulus of Neuregulin/ErbB system” CRT foundation.
- 2008: Recipient of a research grant “studio delle regolazioni del sistema NRG/erbB in cellule gliali e neuronali” University of Turin.
- 2008: Recipient of a research grant “Potenziamento della risposta rigenerativa nel sistema nervoso periferico”, Regione Piemonte.
- 2008: Recipient of a research grant “Recettori erbb e trattamenti rigenerativi neuromuscolari”, Regione Piemonte
- 2009: Recipient of a research grant “Eps8 e trattamenti rigenerativi sperimentali nel sistema nervoso periferico”, Regione Piemonte
- 2009-2013: Coordinator of the multicentre research grant “Moving again! New approaches arising from molecular neuroscience for the treatment of movement impairment”, Compagnia di San Paolo