

Isabelle BARÓ

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Curriculum Vitae

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Current professional status

CNRS Senior research scientist (DR2), INSERM UMR1087/CNRS UMR6291, *l'institut du thorax*, Nantes University (France), member of Team II - Ion channels and cardiopathies

University degrees and qualifications

- Ph.D., University College London (UK) 1993
- Accreditation to supervise research (HDR), University of Nantes 1999
- Animal Experimentation Diploma - level I 2011

Scientific Cursus Synopsis

- Senior research scientist (DR2) CNRS, INSERM UMR533, Nantes since 2004
- Research associate (CR1) CNRS, INSERM UMR533, Nantes 1996-2004
- Post-doctoral fellow, INSERM U323, Paris 1995-1996
- Post-doctoral fellow, CNRS URA1121, Paris-Orsay 1991-1995
- Ph.D. student, Department of Physiology, University College London 1989-1991

Other functions

University teaching activities

- Supervision of PhD students 1991-2018
- Supervision of Master students since 1991
- Master lectures (Cardiac Electrophysiology), Rennes, Nantes (F) since 2001

Referee and expertise activities

Associated Editor of the Journal of Molecular and Cellular Cardiology 2008-2016

Referee for Circulation Research, Cardiovascular Research, Journal of General Physiology, Journal of Molecular and Cellular Cardiology, American Journal of Physiology (cell - heart), British Journal of Pharmacology, Fundamental and Clinical Pharmacology, Biophysical Journal, Journal of Cardiovascular Pharmacology, Frontiers...

Member of the National Scientific Research Committee (CNRS -Researcher hiring and evaluation),

- Section 25 (molecular and integrative Physiology) 2008-2012
- Section 24 (Physiology, aging, tumorigenesis) 2012-2016

PhD thesis evaluation committee: member, examiner, opponent, chairperson

Professor hiring committee: member, examiner

HDR committee: member, examiner, opponent, chairperson

Scientific expert for various public agencies and charity organizations

Scientific Society memberships

- International Society for Heart Research European Section
- ESC Working Group on Cardiac Cellular Electrophysiology (EU)
- American Heart Association (USA)
- Biophysical Society (USA)
- Cardiac Electrophysiology Society (USA)
- Groupe de Réflexion sur la Recherche Cardiovasculaire (F)
- Association Canaux Ioniques (F)

Research field

My research concerns the involvement of ion channels and transporters in cardiomyocyte physiology. It is now focused on the function and control of voltage-gated ion channels and auxiliary subunits in the context of congenital cardiac arrhythmias and conduction defects.