CURRICULUM VITAE

PERSONAL INFORMATIONS:
name: Giulietta Di Benedetto
ORCID ID: 0000-0002-1489-3896
date of birth: October 11th, 1971
career breaks: March-August 2002; April-August 2006 (maternity leaves)
contacts: e-mail:giulietta.dibenedetto@cnr.it
EDUCATION:
2001 PhD in Genetics, Department of Biology, University of Ferrara.
1996-1997 Postgraduate laboratory training
1996 Degree in Biology, University of Padova.
1990 Degree, High School, Liceo Classico C. Marchesi, Padova

POSITIONS and EMPLOYEMENT:
2010-present Researcher, CNR - Neuroscience Institute
2009 Post doctoral fellow, VIMM (Veneto Institute of Molecular Medicine), Padova.
2003-2008 Post doctoral fellow, VIMM (Venetian Institute of Molecular Medicine), Padova.
2001-2003 Post doctoral fellow, Department of Biomedical Sciences, University of Padova.
1997-2000 PhD student, Genetics, Department of Biology, University of Ferrara.
1997 Research fellow, Zoological Institute, University of Munich, Germany.
1996-1997 Internship, Department of Biology, University of Padova.
1993 Visiting student, Erasmus project, Université Paris-Sud, Orsay Cedex, France

FELLOWSHIPS:
2009 Collaboration fellowship from the University of Padova, Dept. of Biomedical Sciences
2003-2008 Research fellowship from the Fondazione Telethon
2001-2003 Collaboration fellowship from the Italian Ministry of University, Scientific and Technological Research (M.U.R.S.T.)
1997-2000 PhD fellowship from the Italian Ministry of University, Scientific and Technological Research (M.U.R.S.T.)
1996-1997 Fellowship from the Museo Tridentino di Scienze Naturali, Trento

EVALUATION EXPERIENCE: Review panel member of the following journals: BBA-Molecular Cell Research; BBA-Molecular Basis of Disease; BBA-Bioenergetics; FEBS Letters; Plos ONE; Frontiers in Oncology.

RESEARCH

RESEARCH ACTIVITIES:
Investigation of the interaction between mitochondria and endoplasmic reticulum, measuring spatio-temporal Ca^{2+} dynamics in living cells with the combined use of the Ca^{2+}-sensitive photoprotein aequorin and genetically encoded, GFP-based, Ca^{2+} sensors.
Development of a mitochondrial fluorescent pH indicator with high sensitivity in the alkaline range.
Development of several FRET-based cAMP and PKA biosensors targeted to different subcellular locations.
Studies on the mechanisms generating cAMP subcellular compartments, and of the role of cAMP compartmentation in the cell pathophysiology, particularly in the heart.
Development of a cAMP biosensor targeted to the mitochondrial matrix, and studies on mitochondrial cAMP generation and functions.
Demonstration of the mitochondrial localization of the neurodevelopmental transcription factor Foxg1.
Studies on the mechanisms generating PKA-dependent signalling compartments, focusing on the role of phosphatases.

ACTUAL RESEARCH INTERESTS:
Intracellular signalling and signal compartmentalization
Mitochondrial signalling and biology

BIBLIOMETRIC DATA
>Scopus:
H- index =26
Citations:3929