**CURRICULUM VITAE : Dr. Andrew Rallis**

## Personal Data

Name: Andrew Rallis
E-mails: arallis@unice.fr; andrew.rallis1983@gmail.com

## Education

2005-2010 King's College London Ph.D Developmental Neurobiology
Doctoral Dissertation:
● The role of the JNK signaling pathway in neuronal morphogenesis

2004-2005 Imperial College London M.Sc Virology
Master Thesis:
• Comparative antigenicity and immunogenicity of recombinant HIV-1 envelope glycoprotein from baculovirus/insect cell and mammalian cell expression systems.

2001-2004 King's College London B.Sc Biomedical Science
2001-2004 King's College London AKC Ethics and Philosophy

## Research Positions

2012- 2020 Researcher, Institute of Biology and Cancer, Valrose University

2010 - 2011 Postdoctoral Scientist, Department of Pathology, Stanford School of Medicine

●The protective role of JNK/NMNAT in maintaining axon integrity

● HSF as a neuroprotective factor in a *Drosophila* Model of Parkinson Disease

**Techniques acquired:** Immunocytochemistry, analysis of single cell neurons *in vivo* (MARCM), confocal microscopy. Longevity, Oxidative/Starvation Stress assays and Locomotion assays in Drosophila, microdisscetion of various tissue including: Adult, Pupal and Larval Brain, Fat Body, Muscle and Imaginal Wing Disc. Molecular Biology: CHIP analysis, cloning, RT PCR, Western Blots, Southern Blots.

# Publications

**Rallis A**, J.Navarro, M. Rass. A. Hu. S.Birman S Schneuwly and P. Therond. Hedgehog signalling modulates glial proteostasis and lifespan. ***Cell Reports*** 2020 Feb 25; 30, 2627-2643

**Rallis A**, Lu B*, Ng J*. Molecular chaperones protect against JNK- and Nmnat-regulated axon degeneration in Drosophila. ***J Cell Sci***. 2012 Dec 21. (*Joint co-corresponding authors).

**Rallis A**, Moore C, Ng J. Signal strength and signal duration define two distinct aspects of JNK-regulated axon stability**.** ***Dev Biol***. 2010 Mar 1;339(1):65-77.

## Invited/Departmental Talks

2020 5th Asia Pacific Drosophila Research Conference, APDRC, Pune India.
2019 26th EDRC, Ecole Polytechnique fédérale de Lausanne (EPFL), Switzerland.

2018 17th European Drosophila Neurobiology Conference, Krakow, Poland.
2017 Gordon Research Seminar, Les Diablerets, Switzerland "The Hh Signalling Pathway Modulates Lifespan Determination and Neuroprotection in Drosophila"
2017 Gordon Research Conference "The Hh Signalling Pathway Modulates Lifespan Determination and Neuroprotection in Drosophila", Les Diablerets, Switzerland
2015 2nd LABEX signallife meeting 'Hh signalling in Lifespan determination', Henry-Paul Hotel, Nice.
2012 Institute of Biology, Valrose, University of Nice, Novel regulators of Hh signalling
2012 Gurdon institute, Cambridge, UK. NMNAT as a neuroprotective factor in Wallerian degeneration.
2011 Department of Biomedicine, University of Basel, Switzerland. 'A *Drosophila* genetic model of Wallerian degeneration'.
2011 Department of Pathology, Stanford University, USA. JNK/NMNAT as a neuroprotective factor in a genetic model of Wallerian degeneration.
2010 Department of Cell and Molecular Biology, Karolinska Institute, Stockholm, Sweden. 'The role of the JNK signalling pathway/NMNAT in axonal protection'.

## Presentations at Conferences

2015 24th European Drosophila Research Conference (EDRC), Heidelberg Germany 'Hedgehog Signalling regulates lifespan determination'.
2009 49th annual meeting of the American Society for Cell Biology (ASCB), San Diego: 'The role of the JNK signalling pathway in neuronal morphogenesis'
2008 British Society for Developmental Biology (BSDB), University of Warwick: 'The role of the JNK signalling pathway in neurodegeneration'.
2007 47th annual meeting of the American Society for Cell Biology (ASCB), Washington D.C: 'The role of the JNK signalling pathway in neuronal morphogenesis'

## Awards

2004 Leathes prize – Final year prize awarded for exceptional essay writing in Philosophy, Theology and Ethics

2005-2009 MRC funded PhD fellowship

## Funding

La Ligue Contre La Cancer Postdoctoral Fellowship - 4/2014

Fédération pour la recherche sur le cerveau (FRC) – 2017

ANR –DFG Collaborative Fellowship : 2018-2020

FRM 2021 (Primary author, selected entirely on current Study: 'Hh signalling and Longevity')

## Teaching

2019-2020: Master of Neuroscience Internship: Hh signalling in Ageing/disease models.
2008 Neuroanatomy demonstration, King's College London.