

IMAGING MEETING

Institute of Molecular Biology and Biotechnology – Institute of Electronic Structure and Laser

November 24 @ 11.00
FORTH Amphitheatre

CELLIMAGE Transfer of Knowledge Project

- 11.00-11.20 **Sarrazin Andres** (IMBB, M. Averof Lab)
“Body axis formation in the beetle *Tribolium castaneum*: The challenge of tracking individual cells in a live embryo”
- 11.20-11.40 **Mehet Davinder** (IMBB, Ch. Delidakis Lab)
“Live Imaging of Notch Signalling in *Drosophila*: Attempts to design a Dynamic Notch reporter”
- 11.40-12.00 **Tivodar Simona** (IMBB, D. Karagogeos Lab)
“Cortical interneuron migration: the wish for time-lapse of YFP –labelled neurons *ex vivo*”
- 12.00-12.20 **Megalou Eugenia** (IMBB, N. Tavernarakis Lab)
“Is macroautophagy involved in memory suppression in *C. elegans*?”
- 12.20-12.40 **Charalampopoulos Yannis** and **Gravanis A.** (School of Medicine, Univ. Crete)
“Neuroprotective effects of Neurosteroids through neurotrophin receptors: molecular mechanisms and new imaging techniques.”
- 12.40-13.00 **Kyvelidou Xristianna** (Biology Dept., Univ. Crete, I. Athanassakis Lab)
“Pre-implantation embryo imaging”
- 13.00-13.20 **Petsalaki Eleni** (Biology Dept., Univ. Crete, G. Zachos Lab):
“Chk1 protects against chromosome mis-segregation”
- 13.20-13.40** *Coffee break*

Molecular Imaging Programme (IMBB-IESL)

- 13.40-14.00 **Ripoll Jorge** (IESL)
“New Optical Imaging Approaches of Creatures great and small”
- 14.00-14.20 **Papamatheakis Sifis** (IMBB)
Imaging Summer School

Imaging (IESL)

- 14.20-14.40 **Filippidis Givrgos**
Non-linear imaging microscopy applications in biology
- 14.40-15.00 **Zacharakis Giannis**
“Biomedical applications of Optical Computed Tomography”.

Tissue Engineering

- 15.00-15.20 **Stratakis Manolis**
“Laser Surface Texturing for Biomimetic Tissue Scaffolds”
- 15.20-15.40 **Farsari Maria**
“Nonlinear Lithography: Biological Applications”

General Discussion

*format 10min +10 min discussion