

Virtual Meeting on "Advanced functional Imaging"

13 September 2021

https://us02web.zoom.us/webinar/register/WN_B-s17-B9QX-aWFRKrJx0uQ

- 11:00-11:05 **Wellcome**
Vasso Kostourou, BSRC Fleming, Athens, Greece
- 11:05-11:30 **Reaching Nanoscale Imaging**
Nikolaos Giakoumakis, IRB Barcelona, Spain
- 11:30-12:00 **TBA**
Zoi Lygerou, Medical School, Univ. of Patras, Greece
- 12:00-12:15 **break**
- 12:15-13:00 **Open technologies for Super-Resolution and Machine Learning in BioImaging**
Ricardo Henriques, Instituto Gulbenkian, Portugal & UCL-Crick Institute, London, UK
- 13:00-13:30 **Not just a pretty image: Improving quantitative data from fluorescence microscopy images.**
Stamatis Pagakis, BRFAA, Athens, Greece
- 13:30-14:30 **break**
- 14:30-15:00 **FRET-FLIM microscopy and Image Analysis for studying MAS mechanotransduction *in vivo***
Demosthenis Mitrossilis, BRFAA, Athens, Greece
- 15:00-15:30 **TBA**
Panagiotis Handris, BSRC Al. Fleming, Athens, Greece
- 15:30-15:45 **break**
- 15:45-16:15 ***In vivo* imaging of brain inflammation**
Dimitra Thomaidou, Hellenic Pasteur Institute, Athens, Greece
- 16:15-16:45 **TBA**
Giannis Zacharakis, IESL, FORTH, Crete, Greece
- 16:45-17:00 **break**
- 17:00- 17:45 **FLIM-FRET imaging of drug-target binding in tumor cells at multiscale**
Margarida Barroso, Albany Medical School, NY, USA
- 17:45-18:15 **Monitoring ageing-associated structural alterations in muscle cells via polarization-dependent second-harmonic generation**
Nektarios Tavernarakis, FORTH & Medical School, Univ.of Crete, Greece
- 18:15-18:30 **Closing Remarks**