



# BIOIMAGING.GR

## ACHIEVEMENTS AND PERSPECTIVES

Monday, February 10<sup>th</sup> 2020

9:00	<b>Registration</b>
9:10-9:30	<b>Welcome</b>
9.10-9:20	<u>Fotini STYLIANOPOULOU</u> (President of the Executive Board of HPI Professor of Biology, University of Athens)
9.20-9:30	<u>Nektarios TAVERNARAKIS</u> (Chairman, Board of Directors, FORTH Professor, Medical School of the University of Crete)
9.30-10.00	<u>Giannis ZACHARAKIS</u> (IESL-FORTH, President of the European Society for Molecular Imaging, ESMI) <b>BIOIMAGING.GR: Actions and Achievements</b>
10.00-10.20	<u>Dimitra THOMAIDOU</u> (Hellenic Pasteur Institute) <b>Advanced confocal and 2-photon in vivo imaging in HPI Light Microscopy Unit</b>
10.20-10.40	<u>Kleoniki KEKLIKOGLU</u> (Hellenic Centre for Marine Research) <b>Micro-CT at HCMR and BIOIMAGING virtual lab</b>
10.40-11.00	<u>Stamatis PAGAKIS</u> (Biomedical Research Foundation Academy of Athens) <b>Biological Imaging Unit (BIU): Advanced microscopy and Image analysis in BRFAA</b>
11.00-11:15	<b>Coffee break</b>
11.20-11.40	<u>Ioannis TROUGAKOS</u> (National & Kapodistrian University of Athens) <b>Contribution of The National &amp; Kapodistrian University of Athens to BIOIMAGING-GR</b>
11.40-12.00	<u>Vasso KOSTOUROU</u> (BSRC "Alexander Fleming"). <b>Multimodal Imaging at Fleming Imaging Facility</b>
12.00-12.20	<u>George MAVROTHALASSITIS</u> (University of Crete) <b>Analysis of craniosynostosis development and therapeutic attempts</b>



12.20-12.40	<u>Theodora CALOGEROPOULOU</u> (NHRF, Athens, Greece) <b><i>Synthesis of new fluorescent probes for optical imaging and biomedical applications</i></b>
12.40-13.00	<u>Sofia BELLOU</u> (IMBB-BR - FORTH) <b><i>IncuCyte ZOOM and STED Microscopy</i></b>
13.00-13.20	<u>Maria KOFFA</u> (Democritus University of Thrace) <b><i>Bioimaging in Thrace: challenges and achievements</i></b>
13.20-13.40	<u>Marina SAGNOU &amp; Alexandros ATHANASOPOULOS</u> (NCSR Demokritos) <b><i>Bioimaging at the NCSR "Demokritos": unit development and research projects</i></b>
13.40-14.00	<u>Zoi LYGEROU</u> (University of Patras) <b><i>Functional live-cell imaging and high-content microscopy at the University of Patras</i></b>
14.00-14.30	<i>Lunch break</i>
14.30-14.45	<u>Petrina KOUMARIANOU/ Haralabia BOLETI</u> ( Hellenic Pasteur Institute) <b><i>Imaging microbes with modern confocal microscopy</i></b>
14.45-15.00:	<u>Ioanna DASKALAKI</u> (IMBB-FORTH) <b><i>The mRNA metabolism pathway modulates mitochondrial homeostasis, ageing and stress resistance in C. elegans</i></b>
15.00-15.15	<u>Dimosthenis MITROSSILIS</u> (Biomedical Research Foundation Academy of Athens of Athens) <b><i>KYMOTRACKER Analyser: A PYTHON tool for the automated muscle contraction characterisation in developing Drosophila embryo</i></b>
15.15-15.30	<u>Pinelopi NIKOLOPOULOU</u> (BSRC "Alexander Fleming") <b><i>Bioimaging approaches to unravel the role of endothelial Talin in tumour angiogenesis</i></b>
15.30-15.45	<u>Olga KIRKILESSI</u> (NHRF, Athens, Greece) <b><i>Development of a novel fluorophore library based on the BODIPY platform</i></b>
15.45-16.00	<u>George TSEREVELAKIS</u> (IESL-RORTH) <b><i>Photoacoustic microscopy: Listening to light in the microscale</i></b>
16.00-16.15	<u>Evangelia XINGI</u> (Hellenic Pasteur Institute) <b><i>In vivo Neurovascular Unit dynamics following neuroinflammation</i></b>
16.15-16.30	☕ <i>Coffee break</i>
16.30-18.00	<b>BIOIMAGING.GR - Management and Administration</b> (round table - all partners) <b>Closing remarks</b>