

# Insect-Pathogen Interactions and Vector-Borne Diseases

## A SYMPOSIUM TO HONOUR THE MEMORY OF FOTIS KAFATOS

25 September 2018 | Main Auditorium, FORTH, Heraklion, Crete

### Programme

#### Chairs

Inga SIDEN-KIAMOS [IMBB] & Babis SAVAKIS [University of Crete]

09:00-09:05	<b>Nektarios TAVERNARAKIS</b> [Chairman of the Board of Directors, FORTH & Professor of Molecular Systems Biology, Medical School, University of Crete] <i>Welcome address</i>
09:05-09:10	<b>Iannis TALIANIDIS</b> [IMBB Director] <i>Welcome address</i>
09:10-09:15	<b>Christos DELIDAKIS</b> [IMBB & University of Crete] <i>Introduction</i>
09:15-09:55	<b>Petros LIGOXYGAKIS</b> [Professor, Department of Biochemistry, University of Oxford, Oxford, United Kingdom] <i>Bacterial recognition in Drosophila: new readings of the old gospel</i>
09:55-10:35	<b>George DIMOPOULOS</b> [Professor, Department of Molecular Microbiology and Immunology, Malaria Research Institute, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, USA] <i>A journey to the cure of mosquito vectors</i>
10:35-11:00	<b>Coffee break</b>
11:00-11:40	<b>Carolina BARILLAS-MURY</b> [Chief, Mosquito Immunity and Vector Competence Section, Laboratory of Malaria and Vector Research, National Institute of Health, Rockville, USA] <i>Plasmodium Evasion of Mosquito Immunity and Malaria Transmission</i>
11:40-12:20	<b>George CHRISTOFIDES</b> [Professor of Infectious Diseases & Immunity, Faculty of Natural Sciences, Department of Life Sciences, Imperial College, London, United Kingdom] <i>Vector immunity and malaria transmission blocking</i>
12:20-14:30	<b>Lunch break</b>

#### Chairs

John VONTAS [IMBB & Agricultural University of Athens] & Maria MONASTIRIOTI [IMBB]

14:30-15:10	<b>Elena LEVASHINA</b> [Group leader, Vector Biology Unit, Max Planck Institute for Infection Biology, Berlin, Germany] <i>What do we know about malaria vectors?</i>
15:10-15:50	<b>Tony JAMES</b> [Donald Bren Professor, Microbiology & Molecular Genetics, School of Medicine and Donald Bren Professor, Molecular Biology and Biochemistry, School of Biological Sciences, University of California, Irvine, USA] <i>Mosquito population modification and the malaria eradication agenda</i>
15:50-16:20	<b>Coffee break</b>
16:20-17:00	<b>Nora BESANSKY</b> [O'Hara Professor, Department of Biological Sciences, University of Notre Dame, Notre Dame, USA] <i>A systems genetic analysis of inversion polymorphisms in An. gambiae</i>
17:00-18:00	<i>Fotis remembrance</i> <b>Introduced by Kitsos LOUIS</b> [IMBB & University of Crete]