

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	Nektarios TAVERNARAKIS [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	Iannis TALIANIDIS [IMBB Director] <i>Welcome address</i>
09:10-09:15	Christos DELIDAKIS [IMBB & University of Crete] <i>Introduction</i>
09:15-09:55	Petros LIGOXYGAKIS [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	George DIMOPOULOS [Professor, Department of Molecular Microbiology and Immunology, Malaria Research Institute, Bloomberg School of Public Health, John Hopkins University, Baltimore, USA] <i>A journey to the cure of mosquito vectors</i>
10:35-11:00	Coffee break
11:00-11:40	Carolina BARILLAS-MURY [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	George CHRISTOFIDES [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	Lunch break
Chairs	
John VONTAS [IMBB & Agricultural University of Athens] & Maria MONASTIRIOTI [IMBB]	
14:30-15:10	Elena LEVASHINA [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	Tony JAMES [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	Coffee break
16:20-17:00	Nora BESANSKY [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> Introduced by Kitsos LOUIS [IMBB & University of Crete]