

The symposium is organised by the **European Science Foundation (ESF)** in partnership with the **European Molecular Biology Organization (EMBO)**.

It will take place on **23 - 28 September 2013** in **Polonia Castle in Pultusk, Poland**.

Application deadline: 21 June 2013

Further information about **how to apply, grants and fees** can be found below and at www.esf.org/conferences/13423

ESF-EMBO Symposium - Integrated Insect Immunology: From Basic Biology To Environmental Applications

23 - 28 September 2013, Polonia Castle in Pultusk, Poland

Chaired by: [Dr. Dominique Ferrandon](#), UPR 9022 CNRS, IBMC, Strasbourg, FR

Co-chaired by: [Prof. George Christophides](#), Imperial College London, UK



Programme

Insect immunology has been a topic of intense research for more than a century. Nowadays, it is investigated at many different levels, from molecular and cell biology to populations and ecology. Advanced knowledge is gained by novel large-scale sequencing techniques as well as methodologies for genome-wide manipulation of gene expression, both in model genetic organisms and in insects, which benefit humans and their environment or which are agricultural pests or vectors of human diseases. This knowledge has recently begun to be exploited toward improving human life. This conference aims to bring together scientists from different fields and methodological disciplines of insect immunology to disseminate and discuss the most recent advances in the study of systemic and mucosal innate immunity, microbe-host interactions, and ecological and evolutionary immunity.

[\[More\]](#)

Invited speakers will include

Dr. Uptal Banerjee, UCLA, US| **Dr. Carolina Barillas-Mury**, NIAID, US| **Dr. Michael Boutros**, DKFZ, DE| **Pr. Nicolas Buchon**, Cornell University, US | **Dr. Sara Cherry**, University of Pennsylvania, PA| **Dr. George Christophides**, Imperial College, UK| **Dr. Sylvia Cremer**, IST Austria, AT| **Dr. Michelle Crozatier**, Université Paul Sabatier, FR| **Dr. Jean-Michel Drezen**, Institut de Recherche sur la biologie de l'insecte, FR| **Dr. Dieter Ebert**, Universität Basel, CH| **Dr. Dominique Ferrandon**, IBMC, FR| **Pr. Erol Fikrig**, Yale University, US| **Dr. Elke Genersch**, Institute for Bee Research, DE| **Dr. Saskia Hogenhout**, John Innes Centre., UK| **Dr. William Hughes**, University of Sussex, UK| **Dr. Natacha Kremer**, UW-Madison School of Medicine, US| **Dr. Frank Jiggins**, University of Cambridge, UK| **Dr. Petros Ligoxygakis**, Oxford University, UK| **Dr. Won Jae Lee**, Seoul National University, Korea| **Dr. Elena Levashina**, Max-Planck Institut für Infektionsbiologie, DE| **Dr. Marylène Poirié**, UMR Rose 1112, FR| **Dr. Maria Carla Saleh**, Institut Pasteur, FR| **Dr. Paul Schmid-Hempel**, ETH Zürich, CH| **Dr. Steven Sinkins**, University of Oxford, UK| **Dr. Will Wood**, University of Bath, UK

The *Forward Look Session* will be chaired by **Jules Hoffmann**, CNRS, FR, who was awarded the *2011 Nobel Prize in Physiology or Medicine* for his work on Insect Immunity.

How to Participate

Attendance is possible only after successful application. Full conference programme and application form accessible from www.esf.org/conferences/13423

A **certain number of grants are available** for students and early stage researchers to cover the conference fee and possibly part of the travel costs.

Closing date for applications: **21 June 2013**

Sponsorship Opportunities

This conference will be providing the opportunity for leading scientists and young researchers to meet for discussions on the most recent developments in their fields of research. We enable collaboration between international scientists from EU, first world and emerging countries which acts as a catalyst for creating new synergistic global contacts across disciplines.

We invite you to join us in harnessing this great potential, working towards an even more cohesive scientific force in Europe and beyond by contributing to our intense, dynamic and fun events.

If you are interested, please visit our Sponsor Resource Center page: <http://www.esf.org/serving-science/conferences/sponsor-resource-center.html>

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