

EFIS-EJI Ruggero Ceppellini Advanced School of Immunology
La Scuola Superiore d'Immunologia Ruggero Ceppellini

Presents an Advanced EFIS-EJI Course on:

**Novel vaccination strategies against the
three major killers**

The latest news on Malaria, Tuberculosis, HIV/AIDS, and vaccine development in general

16 - 20 October 2013

Castellammare di Stabia (Naples) Italy

Course Directors: **Stefan H.E. Kaufmann** (Max Planck Institute, Berlin)
Francesca Chiodi (Karolinska Institute Stockholm)



*Flora, or Spring, Villa Ariadne, Stabiae,
1st century A.D.*

Program: **Stefan H.E. Kaufmann** (Max Planck, Berlin) Introduction to the field -- **Rino Rappuoli** (Novartis, Siena) Special Lecture: From inactivated microbes to synthetic vaccines -- **Elena Levashina** (Max Planck, Berlin) Vectors and malaria transmission -- **Kai Matuschewski** (Max Planck, Berlin) Basic biology in malaria -- **Ripley Ballou** (GSK Biologicals, Belgium) Vaccine development in malaria - progress and challenges -- **Anne O'Garra** (MRC, London) The Immune response in tuberculosis: from mouse models to human disease -- **Willem Hanekom** (University of Cape Town) Host responses induced by novel TB vaccines: lessons from clinical trials -- **Robin A Weiss** (University College London) HIV: the virus and the host -- **Thumbi Ndung'u** (KwaZulu-Natal University, Durban, S.A.) CD8+ immune responses and immune-driven viral adaptation as a pathway to rational HIV vaccine design. -- **Marita Troye-Blomberg** (University of Stockholm) How could innate and adaptive immunity be linked to improve malaria vaccine development? -- **Federica Sallusto** (Biomedicine Institute, Bellinzona, CH) Dissecting the human T-cell response to pathogens and vaccines -- **Francesca Chiodi** (Karolinska, Stockholm) Acquired B-cell immunity and vaccine development -- **Ali Harandi** (University of Gothenburg, Sweden) Adjuvants and vaccine development -- **January Weiner** (Max Planck, Berlin) Biomarkers and vaccine development -- **Mark Cotton** (Tygerberg Hospital, Cape Town) Conducting studies in infants and children in the setting of high prevalence for TB and HIV -- **Anneke Hesselink** (Tutu TB Centre, Cape Town) Paediatric vaccines for tuberculosis: special considerations -- **Chris Wilson** (Gates Foundation, Seattle) Translating immunology into vaccinology

The course will review aspects of the immunology of Malaria, Tuberculosis, and HIV/AIDS which are important for vaccine and biomarker development, discuss how host protective immunity can translate into the design and development of novel vaccines, consider how biomarkers support vaccine development, and examine the vaccines currently under clinical trial.

The official language is English. The number of participants is limited to 75. Early registration fee is € 550.00 (until 1 September, 2013) and includes course material, lunches, coffee breaks, welcome buffet dinner and a guided tour of Roman ruins. An additional €100 will be charged for late registration payment (from 1 - 30 September).

Several bursaries are available for registration fee and/or hotel + dinners from funding provided by EFIS-EJI; additional funding has been requested from the Bill & Melinda Gates Foundation specifically for African applicants for travel expenses, registration fee, hotel and dinners. Final deadline for application is 30 June 2013.

The Course takes place in memory and in honour of the Ceppellini School Founder Serafino Zappacosta.

www.ceppellini.it
e-mail: sfontana@unina.it

Organizing Committee:

S. Fontana, A. Di Giacomo, T. Reynolds

Organizing Secretariat:

effe erre congressi srl, e-mail: info@frcongressi.it