EFIS-EJI Ruggero Ceppellini Advanced School of Immunology  
Course Directors: Stefan H.E. Kaufmann and Francesca Chiodi  
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)

Wednesday, October 16, 2013
17:30 – 18:30 Registration
18:30 – 18:45 Stefan H.E. Kaufmann (Max Planck Institute, Berlin) Welcome and introduction
18:45 – 19:45 Rino Rappuoli (Novartis, Siena, Italy) Special Lecture: Designing vaccines for the 21st century society
20.00 – 21.30 Welcome Buffet Dinner

Thursday, October 17, 2013
08:00 – 08:45 Registration
08:45 – 09:00 Silvia Fontana-Zappacosta (Naples) Welcome and History of the Ceppellini School
09:00 – 10.00 Stefan H.E. Kaufmann (Max Planck Institute, Berlin) Introduction to the field and specifics about our course
10.00 – 10.30 Coffee Break
HIV/AIDS (Moderator: Robin Weiss)
10:30 – 11:30 Robin A Weiss (University College London) HIV: the virus and the host
11:30 – 12.30 Thumbi Ndung’u (KwaZulu-Natal University, Durban, S.A.) CD8+ immune responses and immune-driven viraladaptation as a pathway to rational HIV vaccine design.
12.30 – 13.00 discussion on HIV/AIDS
13.00 – 14.00 Light lunch, informal discussions
Tuberculosis (Moderator: Willem Haenkom)
14.00 – 15.00 Anne O’Garra (MRC National Institute, London) The immune response in tuberculosis: from mouse models to human disease
15.00 – 16.00 Willem Haenkom (University of Cape Town, S.A.) Host responses induced by novel TB vaccines: lessons from clinical trials
16.00 – 16.30 Coffee Break
16.30 – 17.30 Discussion on Tuberculosis
17.30 – 18.30 Small Group Discussions, according to interests
20.00 Dinner, informal discussions

Friday, October 18, 2013
08.30 – 09.30 Elena Levashina (Max Planck Institute, Berlin) Vectors and malaria transmission
09.30 – 10.30 Kai Matuschewski (Max Planck Institute, Berlin) Basic biology in malaria
10.30 – 11.00 Coffee Break

Saturday, October 19, 2013
Vaccine development, general 1 (Moderator: Francesca Chiodi)
08.30 – 09.30 Marita Troye-Blomberg (University of Stockholm) How could innate and adaptive immunity be linked to improve malaria vaccine development?
09.30 – 10.30 Federica Sallusto (Institute for Biomedicine, Bellinzona, Switzerland) Dissecting the human T-cell response to pathogens and vaccines
10.30 – 11.00 Group Photo and Coffee Break
11.00 – 12.00 Francesca Chiodi (Karolinska Institute, Stockholm) Acquired B-cell immunity and vaccine development
12.00 – 13.00 January Weiner (Max Planck Institute, Berlin) Biomarkers and vaccine development
13.00 – 14:00 Light lunch, informal discussions
Vaccine development, general 2 (Moderator: Chris Wilson)
14.00 – 15.00 Ali Harandi (University of Gothenburg, Sweden) Adjuvants and vaccine development
15.00 – 16.00 Mark Cotton (Tygerberg Hospital, Cape Town) Conducting studies in infants and children in the setting of high prevalence for TB and HIV
16.00 – 16.30 Coffee Break
16.30 – 17.30 Chris Wilson (Gates Foundation, Seattle) Translating immunology into vaccinology
Discussion and Course Conclusions
17.30 – 18.30 Dinner, informal discussions

Sunday, October 20, 2013
Small group discussions
Departures