

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

Presents an Advanced EFIS-EJI Course on:

Innate Immunity 2012: from Evolution to Revolution

Course Directors:

Klas Kärre (Karolinska Institute, Stockholm, Sweden) – **Lorenzo Moretta** (Giannina Gaslini Institute, Genoa, Italy) – **Ennio Carbone** (Magna Grecia University, Catanzaro, Italy)



Farbstudie Quadrate, Wassily Kandinsky, 1913

Sorrento (Naples), Italy - 31 October - 4 November 2012

Sala Carlo di Leva, Circolo dei Forestieri

Organising Committee: S. Fontana, A. Di Giacomo, E. Carbone, T. Reynolds

Innate Immunity: Evolution

Jean March Reichhart (Strasbourg, France) *Drosophila* and human innate immunity: an evolutionary perspective – **Jonathan Ewbank** (Marseille, France) Innate immunity in *C. elegans*

Innate Immunity: Effector and Regulatory Mechanisms

Alberto Mantovani (Milan, Italy) The humoral arm of innate immunity and its interplay with cellular regulatory mechanisms – **Siamon Gordon** (Oxford, UK) Macrophages in infection and malignancy – **Susanna Cardell** (Gothenburg, Sweden) NKT cells in mice and human and their effectors and regulatory mechanisms – **Lorenzo Moretta** (Genoa, Italy) Human NK cell receptors and function – **Francesco Tedesco** (Trieste, Italy) The complement system: a new life for an old system – **Francesca Granucci** (Milan, Italy) Innate immunity and toll-like receptor (TLR) – **Christian Münz** (Zurich, Switzerland) DC biology and therapy – **Niels Borregaard** (Copenhagen, Denmark) Basic and translational aspects of neutrophils

Innate Immunity in Therapy

Andrea Velardi (Perugia, Italy) Progress in NK cell immunotherapy in haploidentical hematopoietic transplantation – **Ed Lavelle** (Dublin, Ireland) Innate immunity and adjuvants in vaccine design – **Dieter Kabelitz** (Kiel, Germany) Gamma delta T cell biology and its use in therapy

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The Course will cover broad aspects of innate immunity, including different cells, molecules, basic and clinical science, and an evolutionary perspective. The official language is English. The number of participants is limited to 70. **Early Registration fee is € 500.00** (until September 13, 2012) 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. All Faculty and participants can stay in the same hotel, at very reasonable prices (see Hotel Registration Form). Several partial or full bursaries are available from funding provided by EFIS-EJI, with preference given to applicants from developing countries. Deadline for application is September 13, 2012. We encourage participants and instructors to arrive Wed. 31 Oct, and stay until Sunday 4 Nov.

Also available: one-day participation for €30 (includes course material, coffee breaks) or €50 (also lunch).