

La Scuola Superiore d'Immunologia Ruggero Ceppellini
The Ruggero Ceppellini Advanced School of Immunology

in collaboration with

The Department of Cellular and Molecular Biology and Pathology of the Federico II University of Naples, The Magna Græcia University of Catanzaro, The Istituto Italiano per gli Studi Filosofici, The European Federation of Immunological Societies-European Journal of Immunology, The International Doctorate Program in Molecular Oncology and Endocrinology, and The Research Service of the Campania Region,

offers an Advanced Course on:

**The recrudescence of an old infectious disease:
tuberculosis**

Congress Center University of Naples "Federico II"

Via Partenope, Naples, Italy

2 - 5 May 2007

The Course Director: Stefan H. E. Kaufmann

Max-Planck-Institute for Infection Biology, Berlin, Germany

Fabio Bagnoli

Novartis Vaccines, Siena, Italy

Eric Bottger

Zurich University, CH

Roland Brosch

Institut Pasteur, Paris, France

Vittorio Colizzi

Università Tor Vergata, Roma, Italy

Mamadou Daffé

Institute of Pharmacology and Structural Biology
(CNCS), Toulouse, France

Francesco Dieli

Università di Palermo, Palermo, Italy

Hazel Dockrell

London School of Hygiene & Tropical Medicine, UK

Brigitte Gicquel

Institut Pasteur, Paris, France

Mark Jacobsen

Max Planck Institute for Infection Biology, Berlin,
Germany

Stefan Kaufmann

Max-Planck-Institute for Infection Biology, Berlin,
Germany

Stefan Niemann

Mycobacteria Reference Center, Borstel, Germany

Francois Spertini

University of Lausanne, CH

Paul van Helden

Stellenbosch University, Tygerberg, South Africa

The course aims to review an infectious disease of increasing global concern, namely Tuberculosis. In recent years, strains of *Mycobacterium tuberculosis* have developed resistance to classical drug therapies which limit its pathological burden. The course will review this recent health care emergency with a focus on the genetics of *Mycobacterium*, the emergence of new drug-resistant strains, and the proteomics of the *M. tuberculosis* cell wall. The immune response to *M. tuberculosis* will be discussed in depth by reviewing state-of-the-art research on mechanisms involved in immune control of *M. tuberculosis* infection. In addition, we will discuss novel anti-*M. tuberculosis* vaccines and drug development strategies.

Application forms should be received by 5 April, 2007.

A total of 25 CME credits will be assigned to the event participants by the Italian Continuing Medical Education.

Further information about the course can be obtained from: The Organising Secretariat: Effe Erre

Congressi, Tel. **39-081-617-3858/230-2417 - Fax **39-081-242-9572

e-mail: ceppellini@frcongressi.it and The Ceppellini School Website: <http://www.ceppellini.it>

This Course will take place in memory and in honour of the Ceppellini School Founder Serafino Zappacosta.

The Course Organising Committee: A. Di Giacomo, E. Carbone, V.E. Avvedimento, S. Formisano, G. Rossi.