



7th FINSysB Research Skills Training Workshop
“Immunology of fungal infections & antibody engineering”
University of Perugia, Perugia, Italy
October 3–7, 2011

Final Program

Monday, October 3

- 09:00-11:30 Arrival
- 11:30-13:00 Anna Vecchiarelli "Immune response to fungal infection"
(Seminar Room, Perugia Hotel)
- 13:00-14:30 *Lunch at the Perugia Hotel*
- 14.30-15:30 Roberto Cauda, Università Cattolica del Sacro Cuore, Rome
“Fungal infections in immunocompromised patients”
(Seminar Room, Perugia Hotel)
- 15:30-16:30 Paolo Mosci, University of Perugia
“Standard procedure in handling mice (Part I)”.
(Seminar Room, Perugia Hotel)
- 16:30-17:00 *Coffee break*
- 17:00-18:00 Paolo Mosci, University of Perugia
“Standard procedure in handling mice (Part II)”.
(Seminar Room, Perugia Hotel)
- 20:00-23:00 *Dinner at the Perugia Hotel*

Tuesday, October 4

- 09:00-10:30 Introduction to:
- Infection models (Dr D. Pietrella)
 - Vaccination models (N. Pandey)
 - Drug delivery systems (Dr E. Pericolini, E. Gabrielli)
- (Seminar Room, Perugia Hotel)
- 10:30-11:00 *Coffee break*
- 11:00-13:15 Parallel sessions :
- Infection models
Vaccination models
Drug administration
(Animal facility)



- 13:30-14:30 *Lunch at the Perugia Hotel*
- 14:30-15:30 Paolo Costantino, (Novartis) Siena, Italy
 “Carbohydrate-based antifungal vaccines”
 (Seminar Room, Perugia Hotel)
- 15:30-16:30 Maurizio Cianfriglia, Istituto Superiore di Sanità, Rome
 “Engineering and manufacturing of monoclonal antibodies for cancer therapy.”
 (Seminar Room, Perugia Hotel)
- 16:30-17:00 *Coffee break*
- 17:00-18:00 Beatrice David, Ronald Koop, (Xenogen - Caliper Life Sciences)
 “In Vivo Imaging System (IVIS): application”
 (Seminar Room, Perugia Hotel)
- 20:00-23:00 *Dinner at “Ristorante Del Sole”*

Wednesday, October 5

- 09:00-10:30 Introduction to:
- Recovery of macrophages and neutrophils (Dr E. Pericolini, E. Gabrielli)
 - Collection of spleen, lymph nodes, and blood (Dr D. Pietrella, N. Pandey)
- (Seminar Room, Perugia Hotel)
- 10:30-11:00 *Coffee break*
- 11:00-13:15 Parallel sessions:
 IVIS In vivo imaging of infections
 Recovery of immune cells
 Collection of lymphoid organs
 (Animal facility)
- 13:30-14:30 *Lunch at the Perugia Hotel*
- 14:30-15:30 Alessandro Pini, Università degli Studi di Siena
 “Antimicrobial peptides: an overview”
 (Seminar Room, Perugia Hotel)
- 15:30-16:30 Falciani Chiara, Università degli Studi di Siena
 “Design and synthesis of bioactive peptides”
 (Seminar Room, Perugia Hotel)
- 16:30-17:00 *Coffee break*
- 17:00-18:00 Luca Lova, (Becton Dickinson)
 “Cytofluorimeter: Applications”
 (Seminar Room, Perugia Hotel)
- 20:00-23:00 *Dinner at “Ristorante Altromondo ”*

Thursday, October 6

- 09:00-10:30 Introduction to:
- Splenocyte purification by microbeads (Dr E. Pericolini, E. Gabrielli)



- Cytotoxicity test (N. Pandey)
 - Apoptosis test (Dr D. Pietrella)
- (Seminar Room, Perugia Hotel)
- 10:30-11:00 *Coffee break*
- 11:00-13:15 Parallel sessions:
FACS acquisition and analysis
T cell purification
Cytotoxicity and apoptosis tests
(Laboratories, Building B)
- 13:30-14:30 *Lunch at the Perugia Hotel*
- 14:30-17:00 Andy Porter, University of Aberdeen
"Antibody engineering"
(Seminar Room, Perugia Hotel)
- 17:00-17:30 *Coffee break*
- 17:30-18:30 Luciano Polonelli, Università degli Studi di Parma, Italy
"Antibodies as crypts of anti-infective and anti-tumor peptides"
(Seminar Room, Perugia Hotel)
- 20:00-23:00 *Free*

Friday, October 7

- 9:00-10:00 Maurizio Sanguinetti, Università Cattolica del Sacro Cuore, Roma
"Antifungal drug resistance of pathogenic fungi"
(Seminar Room, Perugia Hotel)
- 10:00-11:00 Deborah O'Neil, (Novabiotics) Aberdeen
"Drug targets from innate immunity"
(Seminar Room, Perugia Hotel)
- 11:00-11:30 *Coffee break*
- 11:30-12:30 Deborah O'Neil, (Novabiotics) Aberdeen
"Therapeutic application of antimicrobial peptides"
(Seminar Room, Perugia Hotel)
- 13:00-14:00 *Lunch at the Perugia Hotel*
- From 14:00 Departure of participants

