



SMS5

SATELLITE MEETINGS



FUNGI IN THE SETTING OF INFLAMMATION, ALLERGY AND AUTOIMMUNE DISEASES: TRANSLATING BASIC SCIENCE INTO CLINICAL PRACTICES

PERUGIA (ITALY) AUGUST 29TH-30TH, 2013
UNIVERSITY OF PERUGIA - PALAZZO MURENA, PIAZZA UNIVERSITÀ, 1

THURSDAY 29TH AUGUST - DAY I

- 08.30** Registration
09.00-09.15 Welcome address
Francesco Bistoni - Università degli Studi di Perugia - Italy
09.15-09.45 Health Research in Horizon 2020. State of Play and Outlook
Grigoriy Kogan - European Commission - DG Research & Innovation - Belgium

Opening Poster viewing: Posters will be displayed during the entire meeting

- 09.45-11.25** **SESSION 1**
FUNGI, IMMUNITY AND IMMUNE DYSREGULATION - Chair: Luigina Romani
- 09.45-10.10 Immunometabolic networks in trained immunity and tolerance
Mihai Netea - Radboud Universiteit Nijmegen - the Netherlands
- 10.10-10.35 C-type lectins and anti-fungal immunity: What's new?
Gordon Brown - University of Aberdeen - United Kingdom
- 10.35-11.00 Low molecular weight fungal cell wall chitin induces IL-10 and immune tolerance
Neil Gow - University of Aberdeen - United Kingdom
- 11.00-11.25 IDO & Pathogens: Settling the dispute by mutual concession
Paolo Puccetti - Università degli Studi di Perugia - Italy
- 11.25-11.45** Coffee break
- 11.45-13.25** **SESSION 2**
FUNGI, ADAPTATION AND IMMUNE DYSREGULATION - Chair: Reto Crameri
- 11.45-12.10 Polysaccharides in *Aspergillus fumigatus* immunity and tolerance
Jean Paul Latgé - Institut Pasteur - France
- 12.10-12.35 Immune evasion of *Aspergillus fumigatus*
Axel A. Brakhage - Friedrich-Schiller-Universität Jena - Germany
- 12.35-13.00 Fungal sensitization, cross-reactivity and autoimmune reactions
Reto Crameri - Swiss Institute of Allergy and Asthma Research - Switzerland
- 13.00-13.25 Beta mannosylation of *Candida albicans* glycoconjugates: model of adaptation and modulation of host response
Thierry Jouault - Université de Lille II (INSERM U 995) - France
- 13.25-15.00** Lunch



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- 15.00-16.40** **SESSION 3**
GENETIC SIGNATURES OF SUSCEPTIBILITY TO FUNGAL INFECTIONS AND DISEASES - Chair: Hermann Einsele
- 15.00-15.25 **Aspergillosis - Individual Risk Stratification: AspIRS - First study results**
Hermann Einsele - Universitätsklinik Würzburg-Medizinische Klinik und Poliklinik II - Germany
- 15.25-15.50 **Susceptibility to invasive mold infections in hematopoietic stem cell and solid organ transplant recipients**
Pierre Yves Bochud - Hospices Cantonaux CHUV - Switzerland
- 15.50-16.15 **Immugenetics of candidiasis**
Frank Van de Veerdonk - Radboud Universiteit Nijmegen - the Netherlands
- 16.15- 16.40 **Human susceptibility to invasive aspergillosis: from genes to function**
Agostinho Carvalho - Università degli Studi di Perugia - Italy
- 16.40-17.00** *Coffee break*
- 17.00-18.50** **SESSION 4**
ANTIFUNGAL VACCINES IN THE ERA OF VACCINOMICS - Chair: Antonio Cassone
- 17.00-17.25 **Anti-Candida vaccines: fighting a skilled transformer**
Antonio Cassone - Università degli Studi di Perugia - Italy
- 17.25-17.50 **Yeast glucan particles as a novel vaccine platform**
Stuart M. Levitz - University of Massachusetts Medical School - USA
- 17.50-18.15 **Vaccine immunity against systemic mycoses**
Bruce Klein - University of Wisconsin-Madison - USA
- 18.15-18.40 **A look at Aspergillus journey in dendritic cells: the way to personalized vaccines**
Luigina Romani - Università degli Studi di Perugia - Italy
- 18.40-18.50 **Short Talk: CD4/CD8 T cell-targeted vaccination in aspergillosis: the new era of personalized vaccines**
Rossana Iannitti - Università degli Studi di Perugia - Italy
- 20.30** *Dinner at Ristorante del Sole - Via della Rupe, 1 - Perugia*



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FRIDAY 30TH AUGUST - DAY II

09.15-10.30

SESSION 5

THE MICROBIOMA/HOST/FUNGUS DIALOGUE - Chair: Mihai Netea

09.15-09.40 **Vitamin D regulation of fungal immunity**

Jay Kolls - Richard King Mellon Foundation Institute for Pediatric Research - USA

09.40-10.05 **Regulation of antifungal immunity by tryptophan and microbiota**

Teresa Zelante - Singapore Immunology Network - Republic of Singapore

10.05-10.30 **The role of the NLRP3 inflammasome in aspergillosis**

Cristina Cunha - Università degli Studi di Perugia - Italy

10.30-11.00

Coffee break

11.00-12.50

SESSION 6

FROM BASIC SCIENCE TO THE CLINIC - Chair: Paul Bowyer

11.00-11.25 **Invasive candidiasis: translating basic and applied sciences to patient management**

Thierry Calandra - Hospices Cantonaux CHUV - Switzerland

11.25-11.50 **Therapeutic utility of circulating immunoglobulins: lessons from intravenous immunoglobulin**

Jagadeesh Bayry - Institut National de la Santé et de la Recherche Médicale - France

11.50-12.15 **Genetic associations with allergic and chronic aspergillosis**

Paul Bowyer - University of Manchester - United Kingdom

12.15-12.40 **Translating basic science into medical practice**

Franco Aversa - Università degli Studi di Parma - Italy

12.40-12.50 **Short Talk: The galactosaminogalactan of *Aspergillus fumigatus* elicits anti-inflammatory effects through induction of Interleukin-1 receptor antagonist**

Mark Gresnigt - Radboud Universiteit Nijmegen - the Netherlands

13.00-14.00

Lunch

14.30-15.30

ALLFUN STEERING COMMITTEE MEETING