



## Satellite meeting – SM7



## ENDOTOXIN, TLR4 SIGNALING, AND BEYOND

*Villa Forno, Cinisello Balsamo, Milano (Italy)*

*21<sup>st</sup> August 2013*

## Scientific Program

### Organizers

Francesca Granucci, Francesco Peri, Jerrold Weiss



## Wednesday 21<sup>st</sup> August, 2013

8,30-9,00 Registration

8,45-8,50 Welcome address  
**Francesco Peri**, *University of Milano-Bicocca, Milan, Italy*

### Session 1 PRR activation and signaling pathways

Chair: **Francesca Granucci**, *University of Milano-Bicocca, Milan, Italy*

08,50-9,00 Introduction  
**Francesca Granucci**, *University of Milano-Bicocca, Milan, Italy*

09,00-9,25 Cell biological aspects of innate immunity  
**Jonathan Kagan**, *Harvard Medical School, USA*

09,25-9,50 TBA  
**Julie M. Blander**, *The Mount Sinai Hospital, USA*

09,50-11,15 Bacterial products and receptors that start sepsis pathogenesis  
**Carsten J. Kirschning**, *University of Duisburg Essen, Germany*

10,15-10,40 TREM receptors in inflammation  
**Marco Colonna**, *Washington University, USA*

10,40-10,50 Short Talk, to be selected

11,50-11,20 **COFFEE BREAK**

11,20-11,45 CD14, the factotum of the city  
**Ivan Zanoni**, *University of Milano-Bicocca, Italy*

10,45-12,10 Regulation of TLR- and CLR-triggered macrophage activation: from phosphorylation to transcription  
**Roland Lang**, *Erlangen University, Germany*

12,10-12,35 TBA  
**Douglas Golenbock**, *University of Massachusetts, USA*

12,35-12,45 Short Talk, to be selected

12,45-12,55 Short Talk, to be selected

12,55-14,00 **LUNCH**

14,00-15,00 **Poster viewing**

## Session 2      Structural and chemical aspects of endotoxin recognition

Chairs: **Francesco Peri**, *University of Milano-Bicocca, Milan, Italy*  
**Jerrold Weiss**, *University of Iowa, USA*

- 15,00-15,10      Introduction  
**Francesco Peri**, *University of Milano-Bicocca, Milan, Italy*
- 15,10-15,35      Modulation of TLR4 activity by synthetic molecules  
**Francesco Peri**, *University of Milano-Bicocca, Milan, Italy*
- 15,35-16,00      Molecular requirements for activation and antagonism of TLR4  
**Jerrold Weiss**, *University of Iowa, USA*
- 16,00-16,10      Short Talk, to be selected
- 16,10-16,20      Short Talk, to be selected
- 16,20-16,30      Short Talk, to be selected
- 16,30-17,05      **COFFEE BREAK**
- 17,05-17,30      Chemistry and biology of cystic fibrosis bacterial lipopolysaccharides  
**Antonio Molinaro**, *Federico II University of Naples, Italy*
- 17,30-17,55      Molecular mechanism of TLR4 activation by endogenous agonists and different chemotypes of LPS  
**Roman Jerala**, *National Institute of Chemistry, Slovenia*
- 17,55-18,20      Bacterial PAMPs and their TLR interactions  
**Otto Holst**, *Research Center Borstel, Germany*
- 18,20-18,30      Concluding remarks  
**Jerrold Weiss**, *University of Iowa, USA*