



**ISTITUTO PASTEUR**  
FONDAZIONE CENCI BOLOGNETTI

**Metabolic Regulation of the Immune response**  
**June 8, 2018**  
**Aula Convegni CNR, Piazzale Aldo Moro, Rome**

**Morning Session:**

**Chair: John Hiscott (Istituto Pasteur, Rome)**

- 10:00 – 10:15                      John Hiscott  
*Introduction*
- 10:15 – 11:00                      Antonio Sica (Piemonte Orientale University, Novara)  
*Metabolic control of the mobilization of myeloid suppressor cells in cancer*
- 11:00 – 11:45                      Olaf Gross (Freiburg University, Germany)  
*Simultaneous targeting of cancer and immune cell metabolism: a topical approach*
- 11:45 – 12:30                      Andrew Bowie (Trinity College Dublin, Ireland)  
*SARM regulates cell fate after inflammasome activation: new roles for an ancient protein*
- 12:30- 13:45                      *Lunch & Coffee***

**Afternoon Session:**

**Chair: Francesca Di Rosa (Institute of Molecular Biology and Pathology, CNR, Rome)**

- 13:45 – 14:15                      David Olganier (Aarhus University Denmark)  
*Nrf2 is a negative regulator of STING during metabolic reprogramming*
- 14:15 – 15:00                      Ursula Grohmann (University of Perugia)  
*Targeting IDO1 dynamics in autoimmunity*
- 15:00 – 15:30                      Francesca Fallarino (University of Perugia)  
*A novel tryptophan metabolite-dependent circuit in DC1 promotes regulatory DC2 leading to suppression of autoimmune responses*
- 15:30 – 16:00                      *Break***
- 16:00 – 16:45                      Peter Murray (Max Planck Inst., Martinsreid, Germany)  
*Immunoregulation by amino acid metabolism*
- 16:45 – 17:15                      Silvia Piconese (Sapienza University & Ist Pasteur, Rome)  
*Fatty acid metabolism complements glycolysis in the selective regulatory T cell expansion during tumor growth*



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17:15 – 18:00

Giuseppe Matarese (University of Naples Federico II &  
IEOS-CNR)

*A role for overnutrition and obesity in the autoimmunity  
epidemic*