Inflammation, Stress, and Immune Homeostasis
June 17-19, 2015 – Swan Lake Hotel, Hefei, China
Draft Conference Program (March 12)

Wednesday, June 17
12.00 – 17.00  Conference Registration
17.00 – 17.15  Opening Remarks
17.15 – 18.45  Keynote Presentations
   Laurence Zitvogel, Gustave Roussy Comprehensive Cancer Center, France
   Gut microbiota and anticancer immune responses
   B. Anne Croy, Queen’s University, Kingston, Canada
   Uterine natural killer cells: Special enhancers of pregnancy quality
19.00 -  Welcome Reception

Thursday, June 18
9.00 – 10.30  Session I: Stress and immunity
   9.00   Molecular basis of Keap1-Nrf2 system regulation of inflammation
          Masayuki Yamamoto, University of Tohoku, Japan
   9.30   Immune surveillance towards "unwanted" hematopoietic cells
          Zhongjun Dong, Tsinghua University School of Medicine, Beijing
10.00 – 10.30 Break
10.30 – 11.00 Session II: Innate immune signaling
   10.30  Posttranslational modification PTM in innate immunity and inflammation
          Xuetao Cao, Second Military Medical University, Shanghai
11.00  *Identification and characterization of phosphodiesterases that specifically degrade 3′3′-cyclic GMP-AMP*
Zhengfan Jiang, School of Life Sciences, Peking University, Beijing

11.30  *Plasticity of mesenchymal stem cells in immunomodulation*
Yufang Shi, Chinese Academy of Sciences, Shanghai

12.00 – 13.00  **Lunch**

13.00 – 14:00  **Roundtable (for presenters selected from poster Abstracts)**

14.00 – 15.30  **Session III: Inflammasomes and autoinflammatory disease**

14.00  *Mechanisms of sensing cellular damage by inflammasomes*
Eicke Latz, University of Bonn, Germany

14.30  *Cytosolic sensing of bacteria and bacterial virulence by the inflammasomes*
Feng Shao, NIBS, Beijing

15.00  *The regulation of NLRP3 inflammasome and its implication in inflammatory disorders.*
Rongbin Zhou, University of Science and Technology of China, Hefei

15.30 – 16.00  **Break**

16.00 – 17.30  **Session IV: Inflammation and homeostasis I**

16.00  *Th17 cell induction by epithelial adhesive microbes*
Kenya Honda, Keio University, Japan

16.30  *The roles of a newly identified cytokine IL-17C in intestinal mucosal immunity*
Youcun Qian, Shanghai Institutes for Biological Sciences, Shanghai

17.00  *Trained immunity in HBV-exposed neonates*
Antonio Bertoletti, Singapore Institute for Clinical Sciences, Singapore

18.00  –  **Dinner**

19.00  –  **Poster session**
Friday, June 19

9.00 – 10.30  
**Session V: Inflammation and homeostasis II**

9.00  *Title TBD*  
Wajahat Mehal, Yale University, USA

9.30  *Intrahepatic development of liver-resident NK cells*  
Zhigang Tian, University of Science and Technology of China, Hefei

10.00  *Cellular dynamics underlying the germinal center response*  
Hai Qi, School of Medicine Tsinghua University, Beijing

10.30 – 11.00  
**Break**

11.00 – 12.00  
**Session VI: Inflammation and metabolism**

11.00  *Targeting inflammation in the treatment of type 2 diabetes*  
Mark Donath, University of Basel, Switzerland

11.30  *Metabolic reprogramming in innate immunity*  
Luke O’Neill, Trinity College, Dublin, Ireland

12.00 – 13.00  
**Lunch**

13.00 – 14:00  
**Meet the Editors**

14.00 – 15.30  
**Session VII: Allergic inflammation**

14.00  *Type-2 innate lymphoid cells in immunity and disease*  
Andrew McKenzie, MRC Laboratory of Molecular Biology, Cambridge, UK

14.30  *The new function of ECM1 in immune system*  
Bing Sun, Institute Pasteur of Shanghai, Chinese Academy of Sciences, Shanghai

15.00 – 15.30  
**Break**

15.30 – 17.30  
**Session VIII: Inflammation and cancer**

15.30  *Immunogenic cell stress and death in cancer therapy*  
Guido Kroemer, University of Paris, Descartes, France
16.00 Activated Macrophages Promote Human Tumor Progression
Limin Zheng, Sun Yat-sen University, Guangzhou

16.30 ‘Find me’ signal S1P activated erythropoietin signaling promotes dying cell clearance.
Yuzhang Wu, Third Military Medical University, Chongqing

17.00 The role of innate lymphoid cells in gut homeostasis in response to commensal and pathogen
Yang-Xin Fu, University of Chicago, USA

17.30 – 17.45 Closing Remarks and Poster Prize presentations

18.00 – Farewell Dinner