

15:15 – 16:45

Concurrent Session II: Iron and Inflammation

Location: D. Luis

Chairs: Manuela Santos, Montreal, PQ, Canada and Guenter Weiss, Innsbruck, Austria

- 15:15 9 **STRESS ERYTHROPOIESIS AND IRON MOBILIZATION IN A MOUSE MODEL MIMICKING ANEMIA OF CHRONIC DISEASE; RESPONSE TO ERYTHROPOIETIN INJECTIONS**
Sarah Millot¹, Valerie Andrieu, Dr², Philippe Letteron, Dr¹, Olivier Thibaudeau³, Ivana de Domenico, Dr⁴, Sigismund Lasocki, Dr⁵ and Carole Beaumont, Dr¹
¹INSERM U773; ²Department of Hematology, Hopital Bichat; ³Department of Anatomopathology, Hopital Bichat; ⁴University of Utah, Salt Lake City; ⁵ICU, Hopital Bichat
(Presented By: Sarah Millot)
- 15:30 10 **DIFFERENTIAL EXPRESSION OF IRON METABOLISM GENES AND IRON HANDLING IN DISTINCT POPULATIONS OF HUMAN INFLAMMATORY MACROPHAGES**
Stefania Recalcati, MD, PhD¹, Massimo Locati, MD¹, Agnese Marini, PhD¹, Paolo Santambrogio, PhD², Annalisa Castagna, PhD³, Domenico Girelli, MD³ and Gaetano Cairo, PhD¹
¹University of Milan; ²DIBIT HS S. Raffaele; ³University of Verona
(Presented By: Gaetano Cairo, PhD)
- 15:45 11 **THE ACTIVATION OF IRON REGULATORY PROTEIN 1 DOMINATES IRON HOMEOSTASIS IN INFLAMED INTESTINAL EPITHELIUM**
Esther Meyron-Holtz, Shirly Moshe, Orly Savion, Adi Kammer, Yoram Bujanover, MD, Batia Weiss, MD and Ram Reifen, MD, PhD
Technion-Israel Institute of Technology
(Presented By: Esther Meyron-Holtz)
- 16:00 12 **ROLE OF TOLL-LIKE RECEPTOR / ADAPTOR PROTEIN MYD88 SIGNALING IN HYPOFERREMIA ASSOCIATED WITH INFLAMMATION**
Antonio Layoun, Hua Huang and Manuela M. Santos
Institut du Cancer de Montréal, CRCHUM, University of Montréal
(Presented By: Antonio Layoun)
- 16:15 13 **ENDOTOXIN-MEDIATED INDUCTION OF HEPCIDIN EXPRESSION IS ATTENUATED IN TFR2 MUTANT MICE DESPITE NORMAL ACTIVATION OF STAT3**
Robert Fleming, MD, Robert Britton, PhD, Mary Migas, MS, William Sly, MD and Abdul Waheed, PhD
Saint Louis University School of Medicine
(Presented By: Robert Fleming, MD)
- 16:30 14 **FUNCTION OF THE IRE/IRP REGULATORY NETWORK IN MACROPHAGES**
Bruno Galy, PhD, Dunja Ferring-Appel, Lydie Viatte, Klaus Schuermann and Matthias Hentze
European Molecular Biology Laboratory
(Presented By: Bruno Galy, PhD)