

17:00 – 18:30 Concurrent Session IX: Anemia Revisited

Location: D. Maria

Chairs: Carole Beaumont, Paris, France and Sylvia Bottomley, Oklahoma City, OK, USA

- 17:00 57 NRAMP1 PROMOTES EFFICIENT IRON RECYCLING FOLLOWING ERYTHROPHAGOCYTOSIS IN VIVO**
Shan Soe-Lin, BSc¹, Bill Andriopoulos, Jr., BSc, PhD², Sameer Apte, BSc³, Marc Andrews, BSc⁴, Matthias Schranzhofer, BSc, PhD³, Tanya Kahawita, BSc, MSc⁵, Daniel Garcia-Santos, BSc³ and Prem Ponka, MD, PhD⁶
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(Presented By: Shan Soe-Lin, BSc)
- 17:15 58 INCREASED HEPcidIN EXPRESSION IN MICE AFFECTED BY BETA-THALASSEMIA REDUCES IRON OVERLOAD WITH NO EFFECT ON ANEMIA**
Sara Gardenghi, PhD¹, Maria Franca Marongiu, PhD², Kristen Muirhead², Pedro Ramos³, Cindy N. Roy, PhD⁴, Nancy C. Andrews, MD, PhD⁵, Elizabeta Nemeth, PhD⁶, Eliezer A. Rachmilewitz, MD⁷, Patricia J. Giardina, MD², Robert W. Grady, PhD² and Stefano Rivella, PhD²
¹Weill Cornell Medical College; ²Weill Cornell Medical College, New York; ³Weill Cornell Medical College, New York - IBMC, Portugal; ⁴John Hopkins University, Baltimore; ⁵Duke University, Durham; ⁶UCLA, Los Angeles; ⁷Wolfson Medical Center, Israel
(Presented By: Sara Gardenghi, PhD)
- 17:30 59 THE ROLES OF HEPcidIN AND INFLAMMATION IN ANEMIA OF CANCER**
Airie Kim, MD, Tomas Ganz, MD, PhD and Seth Rivera, MD, PhD
UCLA Medical Center
(Presented By: Airie Kim, MD)
- 17:45 60 MUTATIONS IN A NOVEL MITOCHONDRIAL TRANSPORTER GENE CAUSE AUTOSOMAL RECESSIVE CONGENITAL SIDEROBLASTIC ANEMIA**
Sylvia S. Bottomley, MD¹, Duane L. Guernsey, PhD^{2,8}, Paul J. Schmidt, PhD³, Andrew Orr, MD^{4,8}, Mark Ludman, MD^{5,8}, Conrad V. Fernandez, MD^{6,8}, Mark E. Samuels, PhD^{7,8} and Mark D. Fleming, MD, DPhil³
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(Presented By: Sylvia S. Bottomley, MD)
- 18:00 61 ALLELIC HETEROGENEITY OF TMPRSS6 MUTATIONS IN IRIDA**
Caroline Kannengiesser, PhD², Flavia Guillem, Laura Silvestri, Claire Oudin, Anne Marfaing, Leïla Chaïba-Berrouche, Jean Donadieu, Fabienne Toutain, Murielle Da Silva, Bertrand Isidor, Geneviève Marguerite, Patricia Aguila-Martinez, Clara Camaschella, Carole Beaumont and Bernard Grandchamp, MD, PhD^{1,3,4}
¹AP-HP, Hôpital Bichat; ²APHP, INSERM U773, University Paris Diderot; ³INSERM CRB3; ⁴University Paris Diderot
(Presented By: Bernard Grandchamp, MD, PhD)
- 18:15 62 THE ROLE OF ERYTHROPOIETIN IN FAMILIAL AMYLOIDOSIS TTR V30M**
Idalina Beirão¹, Luisa Lobato, PhD^{2,3}, Paulo PM Costa, PhD³, Luciana Moreira, MSc³ and Graça Porto, PhD^{4,5}
¹Santo António General Hospital; ²Nephrology, Santo António General Hospital; ³Amyloidosis Research Centre; ⁴Hematology, Santo António General Hospital; ⁵IBMC
(Presented By: Idalina Beirão, MD)