

**17:00 – 18:30 Concurrent Session X: Other Significant Proteins, Other Metals**

*Location: Arquivo*

Chairs: Esther Meyron-Holtz, Haifa, Israel and Alain Townsend, Oxford, UK

- 17:00 63 LIPID RAFTS BREAKDOWN DECREASES THE ACTION OF HEPCIDIN ON MACROPHAGE FERROPORTIN**  
Anne Auriac, Master<sup>2</sup>, Alexandra Willemetz, Master<sup>2</sup> and François Canonne-Hergaux, PhD<sup>1</sup>  
<sup>1</sup>INSERM-CNRS; <sup>2</sup>UPR2301, CNRS, Centre de recherche de GIF-sur-Yvette, France  
(Presented By: François Canonne-Hergaux, PhD)
- 17:15 64 HEPCIDIN, THE HORMONE OF IRON METABOLISM, IS BOUND SPECIFICALLY TO Alpha2-MACROGLOBULIN IN BLOOD**  
D.R. Richardson<sup>1</sup>, G. Peslova<sup>2</sup>, J. Petrak<sup>2,7</sup>, K. Kuzelova<sup>2</sup>, I. Hrdy<sup>3</sup>, P. Halada<sup>4</sup>, P.W. Kuchel<sup>5</sup>, S. Soe-Lin<sup>6</sup>, P. Ponka<sup>6</sup>, R. Sutak<sup>1</sup>, E. Becker<sup>1</sup>, M. Huang<sup>1</sup>, Y.S. Rahmanto<sup>1</sup> and D. Vyoral<sup>1,2</sup>  
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(Presented By: D.R. Richardson)
- 17:30 65 IRON-DEPENDENT REGULATION OF FERRITIN BY HIF-1 IN C. ELEGANS**  
Elizabeth Leibold, PhD, Joshua Romney, BS and Ben Newman, BS  
University of Utah  
(Presented By: Elizabeth Leibold, PhD)
- 17:45 66 CHARACTERISATION OF THE INTERACTION BETWEEN CERULOPLASMIN AND LACTOFERRIN**  
Robert Evans, BA, PhD<sup>1</sup>, Celia Conesa<sup>2</sup>, Maryam Amini<sup>1</sup>, Lourdes Sanchez<sup>2</sup> and Sebastien Farnaud<sup>3</sup>  
<sup>1</sup>Brunel University; <sup>2</sup>University of Zaragoza; <sup>3</sup>Dr Hadwen Trust & University of Westminster  
(Presented By: Robert Evans, BA, PhD)
- 18:00 67 MAGNETIC DYNAMIC SUSCEPTIBILITY MEASUREMENTS AS A PRE-SCREENING TOOL TO INVESTIGATE THE PRESENCE OF FERRITIN IN DIFFERENT ORGANISMS**  
Lucia Gutierrez and Francisco J. Lazaro  
Universidad de Zaragoza  
(Presented By: Lucia Gutierrez)
- 18:15 68 RELEVANCE OF COMMON POST-TRANSLATION MODIFICATIONS OF HUMAN SERUM ALBUMIN FOR NON-TRANSFERRIN-BOUND IRON SPECIATION**  
Andre Silva, BSc and Robert Hider, PhD  
King's College London  
(Presented By: Andre Silva, BSc)