

15:15 – 16:45

## Concurrent Session VIII: Iron Around the Body

*Location: D. Luis*

Chairs: Alberto Piperno, Monza, Italy and Martin Vokurka, Prague, Czaech Republic

- 15:15 51 LIVER-SPECIFIC DELETION OF FRATAXIN IN THE MOUSE AS A NEW MODEL TO UNDERSTAND IRON DYSREGULATION IN FRIEDREICH ATAXIA**  
Alain Martelli, PhD<sup>1</sup>, Stéphane Schmucker, student<sup>2</sup>, Marie Wattenhofer-Donzé, PhD<sup>2</sup>, Laurence Reutenauer, technician<sup>2</sup>, Hervé Puy, Professor<sup>3</sup>, Nadia Messaddeq, Engineer<sup>2</sup> and Hélène Puccio, PhD<sup>2</sup>  
<sup>1</sup>IGBMC; <sup>2</sup>IGBMC Illkirch; <sup>3</sup>Centre Français des Porphyries  
(Presented By: Alain Martelli, PhD)
- 15:30 52 IRON STORES AND IRON ABSORPTION IN HEREDITARY HEMOCHROMATOSIS**  
Roland Fischer, PhD<sup>1</sup>, Hannah Seligmann<sup>2</sup>, Rainer Engelhardt, PhD<sup>2</sup>, Rosemarie Kongi<sup>2</sup>, Gritta E. Janka, MD<sup>2</sup> and Peter Nielsen, MD, PhD<sup>2</sup>  
<sup>1</sup>University Medical Center Hamburg-Eppendorf, Germany & Children's Hospital & Research Center Oakland, USA; <sup>2</sup>University Medical Center Hamburg-Eppendorf, Germany  
(Presented By: Roland Fischer, PhD)
- 15:45 53 HYPERGLYCEMIA AND IMPAIRED BETA-CELL FUNCTION CAUSED BY IRON REGULATORY PROTEIN 2 DEFICIENCY**  
Kimberly Zumbrennen, PhD, Susanne Neschen, PhD, Brigit Rathkolb, PhD, Wolfgang Hans, PhD and Elizabeth Leibold, PhD  
University of Utah  
(Presented By: Kimberly Zumbrennen, PhD)
- 16:00 54 ALTERATIONS OF SYSTEMIC AND MUSCLE IRON METABOLISM IN HUMAN SUBJECTS TREATED WITH LOW DOSE RECOMBINANT ERYTHROPOIETIN**  
Gaetano Cairo, PhD<sup>1</sup>, Stefania Recalcati, MD, PhD<sup>1</sup>, Domenico Girelli, MD<sup>3</sup>, Cecilia Gelfi, PhD<sup>1</sup>, Niels Aachmann-Andersen, PhD<sup>4</sup>, Jonas Thomsen, PhD<sup>4</sup>, Anne Norgaard, PhD<sup>4</sup>, Alessandra Alberghini, PhD<sup>1</sup>, Natascia Camprostrini, PhD<sup>3</sup>, Annalisa Castagna, PhD<sup>3</sup>, Agnese Viganò, PhD<sup>1</sup>, Paolo Santambrogio, PhD<sup>5</sup>, Tibor Kempf, MD<sup>6</sup>, Kay Wollert, PhD<sup>6</sup>, Stephane Moutereau, PhD<sup>7</sup>, Carsten Lundby, PhD<sup>4</sup> and Paul Robach, PhD<sup>2</sup>  
<sup>1</sup>University of Milan; <sup>2</sup>ENSA, France; <sup>3</sup>University of Verona; <sup>4</sup>University of Copenhagen; <sup>5</sup>DIBIT, HS S. Raffaele; <sup>6</sup>Hannover Medical School; <sup>7</sup>Hopital H. Mondor  
(Presented By: Gaetano Cairo, PhD)
- 16:15 55 ANALYSIS OF CONDITIONAL FERRITIN H DELETION IN MOUSE ADULT HEART**  
Liviu Vanoaica<sup>2</sup>, Deepak Darshan, PhD<sup>2</sup>, Larry Richman<sup>2</sup>, Corinne Berthonneche<sup>3</sup>, Thierry Pedrazzini, MD<sup>4</sup> and Lukas Kühn, PhD<sup>1</sup>  
<sup>1</sup>Ecole Polytechnique Federale de Lausanne (EPFL) – Swiss Institute for Experimental Cancer Research (ISREC); <sup>2</sup>Ecole Polytechnique Fédérale de Lausanne (EPFL) – Swiss Institute for Experimental Cancer Research (ISREC), Lausanne, Switzerland; <sup>3</sup>Cardiovascular Assessment Facility, University of Lausanne Medical School, Lausanne, Switzerland; <sup>4</sup>Experimental Cardiology Unit, Department of Medicine, University of Lausanne Medical School, Lausanne, Switzerland  
(Presented By: Lukas Kühn, PhD)
- 16:30 56 EFFICACY AND SAFETY OF DEFERASIROX (EXJADE®) IN REDUCING AND PREVENTING MYOCARDIAL SIDEROSIS IN PATIENTS WITH BETA-THALASSEMIA**  
Dudley Pennell, MD, FRCP, FACC, FESC<sup>1</sup>, John B. Porter<sup>2</sup>, Maria Domenica Cappellini<sup>3</sup>, Amal El-Beshlawy<sup>4</sup>, Lee Lee Chan<sup>5</sup>, Yesim Aydinok<sup>6</sup>, Mohsen Saleh Elalfy<sup>7</sup>, Pranee Sutcharitchan<sup>8</sup>, Chi-Kong Li<sup>9</sup>, Hishamshah Ibrahim<sup>10</sup>, Vip Viprakasit<sup>11</sup>, Antonis Kattamis<sup>12</sup>, Gillian Smith<sup>13</sup>, Dany Habr<sup>14</sup>, Gabor Domokos<sup>15</sup>, Abdel Hmissi<sup>15</sup> and Ali Taher<sup>16</sup>  
<sup>1</sup>Royal Brompton Hospital; <sup>2</sup>University College London, London, UK; <sup>3</sup>Università di Milano, Policlinico Foundation IRCCS, Milan, Italy; <sup>4</sup>Cairo University, Cairo, Egypt; <sup>5</sup>University Malaya Medical Centre, Lembah Pantai, Kuala Lumpur, Malaysia; <sup>6</sup>Ege University Medical Faculty, Izmir, Turkey; <sup>7</sup>Ain Shams University, Cairo, Egypt; <sup>8</sup>Chulalongkorn University and King Chulalongkorn Memorial Hospital, Bangkok, Thailand; <sup>9</sup>Prince of Wales Hospital, Chinese University of Hong Kong, Hong Kong; <sup>10</sup>Hospital Kuala Lumpur, Malaysia; <sup>11</sup>Faculty of Medicine Siriraj Hospital/Dept of Pediatrics/Division of Haematology-Oncology, Prannok, Bangkoknoi, Bangkok, Thailand; <sup>12</sup>First Dept of Pediatrics, University of Athens, Athens, Greece; <sup>13</sup>Royal Brompton Hospital, London, UK; <sup>14</sup>Novartis Pharmaceuticals, New Jersey, USA; <sup>15</sup>Novartis, Basel, Switzerland; <sup>16</sup>American University Beirut, Beirut, Lebanon  
(Presented By: Dudley Pennell, MD, FRCP, FACC, FESC)