

Preliminary Programme for Euromit 2017

Sunday, June 11

- 15:00 Registration open
- 17:00-17:45 Opening ceremony and welcome from the Euromit co-chairs
- 17:30-19:00 **Session I- Cell biology, genetic and clinical perspective on mitochondria**
- 17:30-18:00 Jodi Nunnari: *Mitochondrial behavior*
- 18:00-18:30 Nils Göran Larsson: *Regulation of mtDNA gene expression*
- 18:30-19:00 Patrick Chinnery: *Inheritance and the bottleneck*
- 19:00-22:00 Opening Reception at Früh am Dom

Monday, June 12

- 8:45-10:15 **Session II- Diseases and Diagnosis**
- 8:45-9:15 David Thorburn: *Exome sequencing: how good are we and how can we increase diagnostic yield?*
- 9:15-9:45 Doug Turnbull: *New insights into mitochondrial disease in adults*
- 9:45-10:00 Talk selected from Abstracts
- 10:00-10:15 Talk selected from Abstracts
- 10:15-10:45 Coffee Break
- 10:45-12:45 **Session III- Mitochondrial DNA: replication, gene expression, and translation**
- 10:45-11:15 Maria Falkenberg: *Human mitochondrial DNA replication*
- 11:15-11:45 Aleksandra Filipovska: *Mitochondrial RNA-binding proteins in health and disease.*
- 11:45-12:15 Zofia Chrzanowska-Lightowlers: *Human mitoribosomes – what makes them stop?*
- 12:15-12:30 Talk selected from Abstracts
- 12:30-12:45 Talk selected from Abstracts
- 12:45-13.45 Lunch

13.45-16:30 **Poster session I**

16:30-17:00 Coffee Break

17:00-19.00 **Session IV- Mechanisms of mitochondrial diseases**

17:00-17:30 Valeria Tiranti: *Experimental models in mitochondria related neuromuscular disorders: from pathogenic mechanism to therapeutic approaches*

17:30-18:00 Ramón Martí: *Mitochondrial DNA maintenance defect*

18:00-18.30 Massimo Zeviani: *New players and mechanisms in mitochondrial biogenesis and disease*

18:30-18:45 Talk selected from Abstracts

18:45-19:00 Talk selected from Abstracts

Tuesday, June 13

9:00-10:30 **Session V- Mitochondria biochemistry and diseases**

9:00-9:30 Uli Brandt: *The mechanism and regulation of the forward and reverse reaction of mitochondrial complex I*

9:30-10:00 Eric Shoubridge: *Role of degenerate mitochondrial metabolite carrier proteins in mitochondrial biogenesis*

10:00-10:15 Talk selected from Abstracts

10:15-10:30 Talk selected from Abstracts

10:30-11:00 Coffee Break

11:00-12:30 **Session VI- Mitochondrial communications**

11:00-11:30 Luca Scorrano: *A localized autophagic filter depletes axons from damaged mitochondria*

11:30-12:00 Navdeep Chandel: *Mitochondria as signaling organelles*

12:00-12:15 Talk selected from Abstracts

12:15-12:30 Talk selected from Abstracts

12:30-13.30 Lunch

13.30-16:30 **Poster session II**

16:30-17:00 Coffee Break

17:00-19:15 **Session VI-Mitochondrial and stress responses**

17:00-17:45 Anu Suomalainen: *Integrated stress response in mtDNA maintenance disorders*

17:45-18:15 Thomas Langer: *Mitochondrial proteases and neurodegeneration*

18:15-18:30 Talk selected from Abstracts

18:30-18:45 Talk selected from Abstracts

18:45-19:00 Talk selected from Abstracts

19:00-19:15 Talk selected from Abstracts

Wednesday, June 14

9:00-12:45 **Session VII- Therapeutic strategies for mitochondrial diseases-part 1**

9:00-9:30 Carlos Moraes: *Modulating mtDNA heteroplasmy in vivo with gene editing enzymes*

9:30-10:00 Tonio Enriquez: *Are there good and bad mtDNA haplotypes?*

10:00-10:15 Talk selected from Abstracts

10:15-10:30 Talk selected from Abstracts

10:30-11:00 Coffee Break

11:00-11:30 Valerio Carelli: *Leber`s Hereditary Optic Neuropathy – current and evolving treatments*

11:30-12:00 Shoukhrat Mitalipov: *Somatic and Germline mtDNA mutations*

12:00-12:30 Rong Tian: *Target mitochondria for therapy*

12:30-12:45 Talk selected from Abstracts

12:45-13:45 Lunch

13.45-16:30 **Poster session III**

16:30-17:00 Coffee Break

17:00-18:00 **Patients' viewpoint on mitochondrial diseases**

19:00 **Euromit Party**

Thursday, June 15

9:00-10:30 **Session VIII- Therapeutic strategies for mitochondrial diseases-part 2**

9:00-9:30 Michio Hirano

9:30-10:00 Jan Smeitink: *Mitochondrial disease small molecule drug development*

10:00-10:30 Mary Herbert: *IVF-based technologies to prevent germline transmission of mtDNA disease*

10:30-11:00 Coffee break

11:00-12:00 **Session IX- Late breaking news**

11:00-11:15 Talk selected from Abstracts

11:15-11:30 Talk selected from Abstracts

11:30-11:45 Talk selected from Abstracts

11:45-12:00 **Concluding Remarks**