

13 November 2017

09:15 – 10:00 Fellows' Meeting (*Room: Cristian de Duve, Route 831a*)

Please note: Alisa Potter, one of the 2 Nijmegen fellows, will collect you at 09:05 at the main entrance of the RIMLS building (marked by a red cross on the map of the course program) and take you to the Christian de Duve room

Location: Fidgor lecture theatre, Geert Grooteplein 28, route 289, RIMLS

10:00 – 10:30 *Welcome Coffee*

10:30 – 10:40 Welcome and Logistics (Aleksandra Trifunovic, Hans Spelbrink)

10:40 – 12:00 **Work Package 5 - Novel insights into maintenance of mitochondrial genome**

- 10:40 – 11:00 ESR1: Role of LONP1 in mtDNA maintenance
Aleksandra Trifunovic (5 min.) & Dieu Hien Ho (15 min.)
- 11:00 – 11:20 ESR 6: Development of novel mouse models carrying specific mtDNA mutations
James Stewart (5 min.) & Pamela Marie Sendon (15 min.)
- 11:20 – 11:40 ESR12: Nucleoid associated proteins and their function
Hans Spelbrink (5 min.) & Alisa Potter (15 min.)
- 11:40 – 12:00 ESR15: Role of protein Redox signalling in mitochondrial pathologies
Jan Smeitink (5 min.) & Xin Li (15 min.)
- 12:00 – 12:20 ESR9: Novel insights into maintenance of mitochondrial genome in POLG-related disease models
Carlo Viscomi (5 min.) & Pedro Pinheiro (15 min.)

12:20 – 13:20 *Lunch Break*

13:20 – 15:00 **Work Package 6 - Molecular mechanisms of mitochondrial transcription and RNA processing**

- 13:20 – 13:40 ESR7: Mechanisms and regulation of transcription termination in human mitochondria.
Maria Falkenberg (5 min.) & Drenis Erdinc (15 min.)
- 13:40 – 14:00 ESR8: Molecular insights into inhibition mechanisms of the mitochondrial transcription
Claes Gustafsson (5 min.) & Carlos Pardo Hernández (15 min.)
- 14:00 – 14:20 ESR10: The role of mitochondrial RNA modification in human disease
Michal Minczuk (5 min.) & Petra Palenikova (15 min.)
- 14:20 – 14:40 ESR11: Mitochondrial RNA granules & associated proteins: Investigating their roles in mtDNA gene regulation and expression
Jean-Claude Martinou (5 min.) & Vanessa Xavier (15 min.)

14:40 – 15:10 *Coffee Break*

15:10 – 17:10 Work Package 7 - Identification of novel factor governing mitochondrial ribosomal assembly and protein synthesis

- 15:10 – 15:30 ESR2: The role of paraplegin in mitochondrial gene expression
Thomas Langer (5 min.) & Yvonne Lasarzewski (15 min.)
- 15:30 – 15:50 ESR3: Post Transcriptional regulation of mitochondrial gene expression by CLUH'
Elena Rugarli (5 min.) & Pirzada Mujeeb ur Rehman (15 min.)
- 15:50 – 16:10 ESR4: Impact of inaccurate mitochondrial translation on stress signalling and ageing
Martin Ott (5 min.) & Magdalena Rzepka (15 min.)
- 16:10 – 16:30 ESR5: Structures of the human mitochondrial ribosome
Shintaro Aibara (5 min.) & Vivek Singh (15 min.)
- 16:30 – 16:50 ESR13: Characterization of the quality control mechanisms that operate in human mitochondrial protein synthesis
Zosia Chrzanowska-Lightowlers (5 min.) & Ana Madalina Ion (15 min.)
- 16:50 – 17:10 ESR14: Characterizing the coordinated regulation and localization of mitochondrial protein synthesis
Robert Lightowlers (5 min.) & Matthew Zorkau (15 min.)

17:10 – 18:40 Supervisory Board Meeting with Coffee

19:00 – 21:30 *Joint Dinner with possibility for bilateral discussions on individual Career Development Plan: Restaurant: "de Meesterproef", [Waalbandijk 14, 6541 AJ Nijmegen](#)*