



Quality Hotel  
Panorama



**RE**gulation of  
**MI**tochondrial gene  
**eX**pression



**CONTACT**

**Project Coordinator**  
Prof. Dr. Aleksandra Trifunovic

University of Cologne  
CECAD Cluster of Excellence in Ageing Research  
Joseph-Stelzmann-Str.26  
50931 Cologne, Germany

+49 221 478 84 291  
aleksandra.trifunovic@uk-koeln.de

**Project Manager**  
Heike Brucherseifer

+49 221 478 84 297  
+49 221 470 8625 (Wednesdays)  
heike.brucherseifer@uni-koeln.de

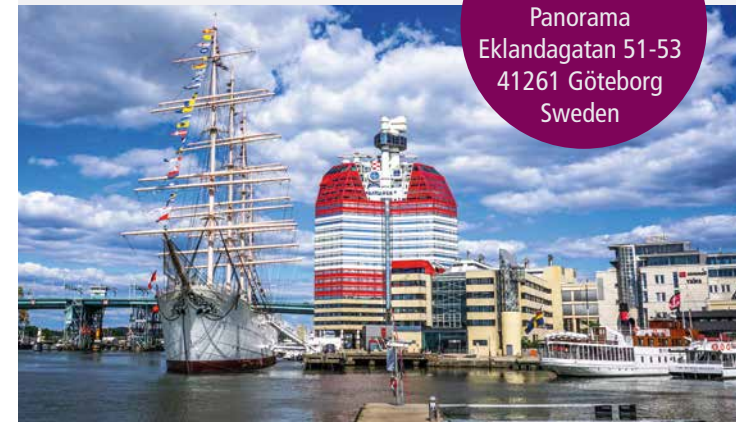


# REMIX

**REMIX 2<sup>nd</sup> Annual Meeting  
Mid-Term Review Meeting &  
Data Analysis Workshop**

**31/10 – 4/11/2018**

**VENUE**  
Quality Hotel  
Panorama  
Eklandagatan 51-53  
41261 Göteborg  
Sweden



**WEDNESDAY, 31 OCTOBER 2018**

- 14:00 – 15:00 Remix Fellows Meeting (meeting room: "Professoren")  
 15:00 – 15:30 Supervisory Board Meeting (meeting room: "Professoren")  
 15:30 – 16:00 **Welcome Coffee 2<sup>nd</sup> Annual Meeting – Midterm Review Meeting**  
 16:00 – 16:15 **Introduction**  
 Aleksandra Trifunovic, Marco Passamonti (external expert), Julien Giordani (REA)  
 16:15 – 16:45 **Remix Tour de table**  
 16:45 – 17:30 **Coordinator's Report**  
 Aleksandra Trifunovic

**Remix Fellows' individual reports**

**SESSION 1: Work Package 5 - Novel insights into maintenance of mitochondrial genome**

- 17:30 – 17:45 ESR1 project: Role of LONP1 in mitochondrial DNA maintenance. Dieu Hien Ho  
 17:45 – 18:00 ESR6 project: Development of Novel Mouse Models Carrying Specific Mitochondrial DNA Mutations. Pamella Marie Sendon  
 18:00 – 18:15 ESR12 project: Nucleoid associated proteins and their function. Alisa Potter  
 18:15 – 18:30 ESR15 project: Role of redox signalling on mtDNA expression and regulation. Xin Li  
 18:30 – 18:45 ESR9 project: Novel insights into maintenance of mitochondrial genome in POLG-related disease models. Pedro Pinheiro  
 19:30 – 22:00 **Joint Dinner in Restaurant "Ristoria", Mässans Gata 16**

**THURSDAY, 1 NOVEMBER 2018**

**SESSION 2: Work Package 6 - Molecular mechanisms of mitochondrial transcription and RNA processing**

- 08:30 – 08:45 ESR7 project: Mechanisms and regulation of transcription termination in human mitochondria. Direnis Erdinc  
 08:45 – 09:00 ESR8 project: Molecular insights into inhibition mechanisms of the mitochondrial transcription. Carlos Pardo Hernández

- 09:00 – 09:15 ESR11 project: Mitochondrial RNA granule associated proteins: investigating their roles in mtDNA gene regulation and expression. Vanessa Xavier
- SESSION 3: Work Package 7 – Identification of novel factor governing mitochondrial ribosomal assembly and protein synthesis**
- 09:15 – 09:30 ESR2 project: The role of paraplegin in mitochondrial gene expression. Yvonne Lasarzewski  
 09:30 – 09:45 ESR3 project: Post Transcriptional regulation of mitochondrial gene expression by CLUH. Mujeeb ur Rehman  
 09:45 – 10:00 ESR4 project: Impact of inaccurate mitochondrial translation on stress signalling and ageing. Magdalena Rzepka  
 10:00 – 10:15 ESR5 project: Structures of the human mitochondrial ribosome. Vivek Singh  
 10:15 – 10:30 ESR10 project: Biogenesis and function of mitochondrial ribosome. Petra Palenikova  
 10:30 – 11:00 **Coffee Break**  
 11:00 – 11:15 ESR13 project: Characterization of the quality control mechanisms that operate in human mitochondrial protein synthesis. Ana Madalina Ion  
 11:15 – 11:30 ESR14: Characterizing the coordinated regulation and localization of mitochondrial protein synthesis. Matthew Zorkau  
 11:30 – 12:30 Meeting between the Remix Fellows and the REA Representative in parallel (meeting room: "Adjunkten")  
 11:30 – 12:30 Meeting PIs and partner organisations in parallel  
 12:30 – 13:00 Restricted Session (coordinator/partners/project manager and project officer)
- 13:00 – 14:00 **Lunch**
- 14:00 – 15:00 Feedback and open discussion (Feedback from the REA Project Officer and the External Expert)

**End of Annual Meeting**

**THURSDAY, 1 NOVEMBER 2018**

- 16:00 – 18:00 Session 1: Introduction, Data Collection, Rick Scavetta, Science Craft

**FRIDAY, 2 NOVEMBER 2018**

- 09:00 – 11:00 Session 2: Descriptive Statistics  
 11:00 – 11:15 **Coffee Break**  
 11:15 – 12:30 Session 3: Theoretical Probability Distributions  
 12:30 – 13:30 **Lunch Break**  
 13:30 – 15:00 Session 4: Estimation I: The Central Limit Theorem  
 15:00 – 15:15 **Coffee Break**  
 15:15 – 17:00 Session 5: Estimation II: Confidence Intervals

**SATURDAY, 3 NOVEMBER 2018**

- 09:00 – 11:00 Session 6: Hypothesis testing I: Fundamentals  
 11:00 – 11:15 **Coffee Break**  
 11:15 – 12:30 Session 7: Hypothesis testing II: One & two-sided Tests, Errors  
 12:30 – 13:30 **Lunch Break**  
 13:30 – 15:00 Session 8: Two-sample t-test and Simulations  
 15:00 – 15:15 **Coffee Break**  
 15:15 – 17:00 Session 9: Linear regression I: t-test  
 19:00 **Dinner (Hotel Restaurant)**

**SUNDAY, 4 NOVEMBER 2018**

- 09:00 – 11:00 Session 10: Linear Regression II: F-test  
 11:00 – 11:15 **Coffee Break**  
 11:15 – 12:30 Session 11: ANOVA: F-test & Linear Regression Simulations  
 12:30 – 13:30 **Sandwich Lunch**

**End of Workshop**

