



FertilAge Academy II

Lutherstadt Wittenberg, 11. - 14. November 2024

Programme

Monday, 11.11.2024

- 16:30 **Reception**
- 17:30 **Welcome and Introduction (Audimax)**
Ruth Grümmer (Essen), Jörg Gromoll (Münster) and Anne Navarrete Santos (Halle)
- 18:00 **Lecture on the "Molecular mechanisms of ageing"**
by Prof. Andreas Simm, Martin Luther University Halle-Wittenberg
- 19:00 Dinner (Location: Cafeteria of Leucorea)
- Afterwards **Get-together** with pretzels and wine in the Leucorea library (until 23:30)

Tuesday, 12.11.2024

- 07:30 **Breakfast**
- 08:30 **Presentations of the FertilAge Participants (Lectorium)**

Anne Quyen –Nguyen (Marburg)
Rolle der Autophagie und Zellalterung in Eizelle und Präimplantationsembryo im Mausmodell

Rebekka Einenkel (Bonn)
Einfluss hypergonadotroper FSH-Level durch natürliches oder frühzeitiges fertiles Altern und ovarieller Insuffizienz auf das Vaskularisierungspotential von Ovarialgewebe

Sabine Keß (Heidelberg)
Die Interaktion zwischen Alter, vaginalem Mikrobiom und assoziiertem Metabolom sowie dessen Einfluss auf die Erfolgsrate einer assistierten Reproduktion

Fitore Kusari (Göttingen)
In vivo imaging of ovulation and follicular atresia in mice
- 10:10 -10:30 **Coffee break**
- 10:30 **-continued- Presentations of the FertilAge Participants (Lectorium)**

Carolin Ludwig (Dummersdorf)
The Dummerstorf high-fertility mouse lines – two worldwide unique models for increased female reproductive performance

Maria Schindler (Halle)
Embryo - maternal communication revisited: understanding the role of PPARs in the hidden impact of an advanced maternal age and metabolic stress (ComPPARage)

José Martin Murrieta-Coxca (Jena)
The involvement of the senescence footprint of extracellular vesicles with decreased trophoblast syncytialization and preeclampsia development in regard to IVF pregnancies

Sara die Persio (Münster)
Epigenomic profiling of human testicular stem cells in aged males

Tuesday, 12.11.2024 continued

12:10 -13:00 **Lunch and break**

13:00 -15:00 **City walk and visit of the “Luther 1517”- Panorama**

15:15 **-continued- Presentations of the FertilAge Participants (Lectorium)**

Bianca Schröder-Heurich (Hannover)

Exploration of decidualisation resistance and aging-related endometrial stromal cell dysfunction

Elizabeth Victoria Soczewski (Jena)

Regulation of SIRT1 by miRNAs and its association with decidualization and senescence in reproductive failures

Violeta Stojanovska (Leipzig)

Elucidating the effects of advanced maternal age on placenta and early embryo development with novel in vitro models

16:30 -19:00 **Coffee and tea with project discussions between mentees and mentors**

(Bibliothekszimmer, seminar rooms 1-6)

19:30 **Dinner (Restaurant von Bora in the Augusteum)**

Wednesday, 13.11.2024

08:00 **Breakfast**

09:00 **What to consider when writing DFG-Proposals (Lectorium)**

Andreas Meinhardt (Gießen)

10:30 **Coffee break**

11:00 **Project management of research projects (Lectorium)**

Nina Neuhaus (Münster)

13.30 **Lunch**

14:30 Social event in Wittenberg with visiting tour [Cranach altar, castle church and Melanchthon House]

17:00 **Closing remarks -Where to go from here-?**

Ruth Grümmer und Jörg Gromoll

19:00 **Dinner (Weinwerk 5)**

Thursday, 14.11.2024

08:00 **Breakfast**

09:00 **Farewell and departure**



Epitaph für Martin Luther
Bronzeguss Schlosskirche Wittenberg/2024/ANS

Venue: Stiftung Leucorea
Collegienstraße 62
06886 Lutherstadt Wittenberg



LEUCOREA

Stiftung des öffentlichen Rechts an der
Martin-Luther-Universität Halle-Wittenberg



How to get there?

The LEUCOREA building is located in the south-east of Wittenberg city center between Collegienstraße and Wallstraße.

By plane and train: Lutherstadt Wittenberg is very easy to reach by train thanks to the ICE stop on the route between Berlin and Halle/Leipzig. From Berlin Central Station, it takes about 45 minutes by ICE to Wittenberg, from Leipzig about 40 minutes by ICE, from Halle about 60 minutes by S-Bahn, from Halle/Leipzig Airport (LEJ) 55 minutes, from Berlin Brandenburg Airport (BER) about 80 minutes. All connections are usually served every hour, additional connections are provided by regional services.

The LEUCOREA is approx. 15 minutes' walk from Wittenberg main station.

By car: You can reach LEUCOREA by car via Wallstraße. Collegienstraße is a pedestrian zone. A limited number of parking spaces are available to LEUCOREA users on the west side of the courtyard; public parking is available in Wallstraße.

Local organization and contacts

Prof. Anne Navarrete Santos
Institute for Anatomy and Cell Biology
Medical Faculty of Martin Luther University
Phone: 0345 5571718
Email: a.navarrete-santos@medizin.uni-halle.de

Leucorea Frau Becker

Collegienstr.62
06886 Lutherstadt Wittenberg
Phone: 03491466132
becker@leucorea.uni-halle.de