



MICROBIOME & NEUROLOGICAL DISORDERS

July 14-17, 2025

Schloss Herborn, Herborn-Dill
Germany

Presented by the Old Herborn
University Foundation
Herborn-Dill, Germany

Monday, July 14, 2025

09:00 Registration & Check-in at Schloss Herborn

09:30 Official Welcome

*Introduction to the Structure of the Summer School;
Allocation of individual assignments*

09:45 **Lecture 1:** Marcus Unger

Microbiome and Parkinson's Disease - A Clinical Perspective

45 min talk & 10 min discussion

10:40 COFFEE BREAK

10:50 **Lecture 2:** Andreas Schwartz

Microbiome and Parkinson's Disease - A Researcher's Perspective

45 min talk & 10 min discussion

11:45 **Round Table:** Unger / Schwartz

- *open discussion: Scientific & Clinical Career Options*
- *open questions from the students*

12:30 LUNCH BREAK

13:30 **Challenge your Research I:** Unger / Schwartz

- *10 min talk & 20 min challenging discussion each*
- *5 students present their projects*

16:00 COFFEE & CAKE BREAK

16:30 Preparation for Old Herborn University Seminar on Thursday

Preparation for presenters of the Old Herborn University seminar on Thursday (papers & vitae)

18:30 DINNER

20:00 **Joint Pub-Crawl**

Tuesday, July 15, 2025

09:00 BREAKFAST

09:30 **Lecture 3.1:** Stefan Janssen

**Decoding the Gut Flora:
How Bioinformatics Unveils our Microbiome.
Microbiome Analysis in Bioinformatics**

45 min talk & 10 min discussion

Registration & Info

Contact: erpfeiffer@web.de

Tuition fee: free (inclusive accomodation & meals)

Deadline for applications: June 02, 2025



Tuesday, July 15, 2025

10:25 COFFEE BREAK

10:40 **Lecture 3.2:** Stefan Janssen

**Decoding the Gut Flora:
How Bioinformatics Unveils our Microbiome.
Microbiome Analysis in Bioinformatics**
90 min hands-on analysis in bioinformatics

12:10 LUNCH BREAK

13:10 **Lecture 4:** Volker Ruppert / Muhidien Soufi

Next Generation Sequencing of the Microbiom
45 min talk & 10 min discussion

14:05 **Round Table:** Janssen / Ruppert / Soufi

- open discussion scientific / clinic career options
- open questions by the students

14:50 **Challenge your Research II:**

Janssen / Ruppert / Soufi

- 3 students present their projects
- 10 min talk & 20 min challenging discussion each

16:20 COFFEE & CAKE BREAK

16:35 **Challenge your Research II:**

Janssen / Ruppert / Soufi

- 2 students present their projects
- 10 min talk & 20 min challenging discussion each

17:35 **Preparation for Old Herborn University
Seminar on Thursday**

*Preparation for presenters of the Old Herborn University
seminar on Thursday (papers & vitae)*

18:30 Dinner

20:00 **Joint Lasertag Event**

09:30 **Group Excursion**

Group A: Neurology Task Force Marburg

- ca. 7/8 students visit the clinic for Neurology at the University Clinic Marburg
- interviewing doctors
- visitation of wards and diagnostics lab

Group B: Microbiology Task Force Marburg

- ca. 7/8 students visit the Institute of Microbiology at the University Clinic Marburg
- interview with clinical and scientific Microbiologists
- visitation of diagnostics lab

13:30 LUNCH BREAK

14:30 **Q&A: Scientific / Clinical Career**

- Meeting with advanced Clinical Doctors
- Meeting with advanced Scientists & Clinical Scientists

15:15 **Challenge your Research III:**

Advanced Clinical Doctors & Scientists

- 3 students present their projects
- 10 min talk & 20 min challenging discussion each

16:45 COFFEE & CAKE BREAK

17:00 **Challenge your Research III:**

Advanced Clinical Doctors & Scientists

- 2 students present their projects
- 10 min talk & 20 min challenging discussion each

18:00 **Departure back to Herborn**

19:00 **DINNER**

20:00 **Official Farewell & Open Evening**

- Announcement of the 3 speakers for the Old Herborn University Seminar on Thursday
- Last questions concerning Old Herborn University Seminar on Thursday

Thursday, July 17, 2025

08:30 - 23:00 **OHUS SEMINAR + FORMAL DINNER**

Details on the program of the international Old Herborn University Seminar can be found in a separate handout or at www.old-herborn-university.de

Wednesday, July 16, 2025

09:00 **BREAKFAST**