

Old Herborn University Seminar 35

MICROBES IMPACTING MAMMALIAN SYSTEMS BIOLOGY

**June 15, 2023
Hohe Schule, Herborn-Dill
Germany**

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



Old Herborn University

Old Herborn University Foundation

History

The Old Herborn University was founded in 1584 by William I. The Silent, Prince of Orange and Count of Nassau, and his brother, Count Johann VI. of Nassau-Dillenburg-Katzenelnbogen. The structure of the Schola Johannea was oriented at the organisation of the universities in Geneva and Strasbourg. In addition to a Schola privata, comparable to a college of our times, a Schola publica, the university, was built. Faculties in theology, philosophy, jurisprudence, and medicine were installed. As the first reformational university in Germany, the Alma Mater Johannea, the “Hohe Schule”, did not only attract numerous students, among them Jan Amos Comenius, but also supported important scholars, as Althusius, Olevian, and Piscator. Many of such influential scholars exerted considerable effects upon historical developments in Germany, the Netherlands, Switzerland, England, eastern and northern Europe, and North America. The small town of Herborn in Nassau became well renowned throughout Europe during 1584 and 1630. War and political changes, however, reduced the importance of the academy more and more, until it was ordered to be closed by Napoleon in 1812 and consequently ceased to exist in 1817. The only remainder of the four faculties is a theological seminary, which now occupies the Castle of Herborn.



Old Herborn University Seminar

In honour of the 400th anniversary of the Alma Mater Johannea an International Symposium on Intestinal Microecology was held at Herborn 1984. This special meeting initiated the revival of academic activities at the „Hohe Schule“ in the medical field and life sciences. The remarkable symposium stimulated some distinguished ideas and generated the plan to install a series of seminars with a new scientific format at the Old Academy of Herborn.

The Old Herborn University Seminar series started in 1986 and became a splendid success recognized worldwide. The academic activities resulted in the establishment of an independant „Old Herborn University Foundation“ in 2003. This non-profit institution is dedicated to the promotion of science and research, in the field of medicine, biomedical and life sciences, respectively. The 24th seminar on the „Development of Strategies to Overcome Barriers to Effective Mucosal Immunization of Infants in Developing Countries“ in 2010 was supported by the Bill and Melinda Gates Foundation and PATH, a global health organization. The 2023 topic is “Microbes Impacting Mammalian Systems Biology” reflecting a fascinating development in life sciences.

All information upon the Old Herborn University Foundation is accessible via internet, as well as all monographs subsequently published following the individual seminars.

www.old-herborn-university.de

Public Presentations

MICROBES IMPACTING MAMMALIAN SYSTEMS BIOLOGY

35th Old Herborn University Seminar June 15, 2023

08:30 – 09:00 **REGISTRATION**

09:00 – 09:15 **Introduction – A Short History
of the Old Herborn University**
Volker Rusch

09:15 **SESSION 1: GROWTH,
DEVELOPMENT AND INFECTIONS**
Chair: Tore Midtvedt

09:15 – 09:45 **Womb with a View: The Importance of
Maternal-Fetal Communication during
Early Development**
Kjersti Aagaard

09:45 – 10:15 ***Lactiplantibacillus plantarum*^{WJL}
Supports Mouse Juvenile Growth
during Chronic Undernutrition**
Martin Schwarzer

10:15 – 10:45 **Microbiota-Host Interactions
in Fungal Infections**
Luigina Romani

10:45 – 11:15 **COFFEE BREAK**

11:15 **SESSION 2: MICROBIOME–
GUT–BRAIN AXIS**
Chair: James Versalovic

11:15 – 11:45 **Early-Life Gut Microbiome and
Neurodevelopmental Outcomes**
Rochellys Diaz Heijtz

Public Presentations

11:45 – 12:15	The Gut Microbiome: A Missing Ingredient in Celiac Disease? Elena Verdú
12:15 – 13:45	LUNCH
13:45	SESSION 2 CONTINUED: MICROBIOME–GUT–BRAIN AXIS
13:45 – 14:15	Neuroimmune Mechanisms in the Microbiota-Gut-Brain Axis Premysl Bercik
14:15	SESSION 3: SPECIAL TRIBUTES Chair: Andreas Schwartz
14:15 – 14:45	A Fairy Tale from Modern Times: The Old Herborn University Seminars Tore Midtvedt
14:45 – 15:10	COFFEE BREAK
15:10 – 15:15	Short Movie: Dr. John Bienenstock
15:15 – 15:45	In the Shadow of John Bienenstock: Targeting the Enteric Nervous System to Treat Neurodegenerative Diseases Michael Zasloff
15:45 – 16:15	General Discussion
16:15 – 16:45	Academic Ceremony
16:45 – 17:30	Courtyard Reception
20:00	DINNER

Seminar Moderation

Prof. Tore Midtvedt, M.D., Ph.D.
Microbiology and Tumorbiology Center
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171 77 STOCKHOLM, SWEDEN

Prof. Dr. rer. nat. Andreas Schwiertz
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34745 HERBORN, GERMANY

Prof. James Versalovic, M.D., Ph.D.
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Internal Discussion

Structured discussion among the faculty only:
“Microbes Impacting Mammalian Systems Biology“

Seminar Discussion
June 16, 2023



Old Herborn University

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Travel

Herborn is located approximately 100 kilometers to the northwest of Frankfurt at the base of the Westwood Forest between Wetzlar and Siegen. Herborn is conveniently accessible by railway or Autobahn. The airport of Frankfurt offers worldwide airline connections. The airports Köln/Bonn and Düsseldorf provide further access.

For travel arrangements contact Wilma Jung

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Accommodation

Rooms have been reserved in different hotels in Herborn. To make your reservation, please indicate the preferred room reservation in the registration request form and mail to:

Old Herborn University Foundation, Postfach 1765
D 35727 Herborn-Dill, Germany

Hotels and other institutions of interest:

- 1 Old Herborn University
Hotel/Restaurant Hohe Schule
Telephone +49 2772 92790
Museum
- 2 Herborn Castle with Theological Seminary
- 3 Town Hall
- 4 Schloß Hotel
Telephone +49 2772 7060
- 5 Railway Station

Old Herborn University Foundation

Location Germany



Registration Request

Old Herborn University Seminar Public Presentations, June 15, 2023

Name

Address

EUR-Zip Code City US State US Zip Code

Country Postal Code

Speciality Degree

Type of work

The registration fee is € 100,-. Please remit payment with your registration. Make checks payable to Old Herborn University Foundation
Postfach 1765
D-35727 Herborn-Dill, Germany

Hotel Accommodation

Hotel single room ☐ Hotel double room ☐

Arrival _____

Departure _____



Old Herborn University



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