

Old Herborn University Seminar

34

THE BIOLOGICAL EMPIRE OF THE BACTERIOPHAGE

June 23, 2022
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 2022 topic is “The Biological Empire of the Bacteriophage” 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

THE BIOLOGICAL EMPIRE OF THE BACTERIOPHAGE

34th Old Herborn University Seminar
June 23, 2022

08:30 – 09:00 **REGISTRATION**

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

09:15 **SESSION 1: BACTERIOPHAGES:
MEDICAL APPLICATIONS**
Chairman: Peter Heidt

09:15 – 09:45 **Bacteriophage Therapy: Clinical
Experience and Current Developments**
Mzia Kutateladze

09:45 – 10:15 **Getting Phages closer
to Clinical Deployment;
UTIs as an Important Need**
Martha Clokie

10:15 – 10:45 **From Petri Dish to Patient:
Mycobacteriophages and
their Therapeutic Potential**
Graham Hatfull

10:45 – 11:15 **COFFEE BREAK**

11:15 **SESSION 2: PHAGE-HOST
INTERACTIONS**
Chairman: John Bienenstock

11:15 – 11:45 **Bacteriophage at the
Human/Bacterial Interface**
Paul Bollyky

Public Presentations

11:45 – 12:15	Phage in a Cell: Proteomic, Transcriptomic, and Immune Responses of Mammalian Cells to Intracellular Phage Jeremy Barr
12:15 – 13:45	LUNCH
13:45	SESSION 2 CONTINUED: PHAGE-HOST INTERACTIONS
13:45 – 14:15	Gut Microbiome, Bacteriophages and Cognitive Function José-Manuel Fernández-Real
14:15	SESSION 3: PHAGE GENOMICS Chairman: Colin Hill
14:15 – 14:45	Turning <i>In Silico</i> Phage into <i>Real</i> Phage – the crAssphage Story Colin Hill
14:45 – 15:15	COFFEE BREAK
15:15 – 15:45	Pathogenicity Island Transduction and the Evolution of Bacterial Pathogens José Penades
15:45 – 16:15	General Discussion
16:15 – 16:45	Academic Ceremony
16:45 – 17:30	Courtyard Reception
20:00	DINNER

Executive Committee

Prof. John Bienenstock, M.D.

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St. Joseph's Healthcare Hamilton

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Leiden University Medical Center

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Contact and Information

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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

Seminar Moderation

Prof. John Bienenstock, M.D.

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Biosciences Building

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Internal Discussion

Structured discussion among the faculty only:

“The Biological Empire of the Bacteriophage”

Seminar Discussion

June 24, 2022



Old Gerborn University

Old Herborn University Foundation

Location Germany



Registration Request

Old Herborn University Seminar Public Presentation, June 23, 2022

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 _____



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