



MAX-PLANCK-GESELLSCHAFT

November 15-18, 2015

2nd Ringberg Symposium on Giant Virus Biology

Ringberg Castle, Tegernsee, Germany

- Scientific Program -

Sunday, November 15

15:00 Arrival, Coffee & Cake
17:15 Welcoming Remarks

17:30-18:30 **Abraham Minsky**
Weizmann Institute, Israel
Stress, Order and Survival

18:30 Dinner

Monday, November 16

Genomics I

Chair: Curtis Suttle

09:00 **Steven Short**
Univ. of Toronto, Canada
*A Newly Isolated Virus Infecting
Freshwater Prymnesiophyte Phyto-
plankton Shares Features With Both
Phycodnaviruses and Mimiviruses*

09:30 **Gilbert Greub**
Univ. of Lausanne, Switzerland
*Lausannevirus: New Insights on Its
Biology*

10:00 **Bernard La Scola**
Univ. of Aix-Marseille, France
*Faustoviruses: Comparative Genomics
of New Megavirales Family Members*

10:30 Coffee Break

Genomics II

Chair: James Van Etten

11:00 **Carsten Kirschning**
Univ. of Duisburg-Essen, Germany
*Continuative Analyses of the
Endoparasites Pithovirus lacustris
(KC5/2) and Urceolovirus corneum
(KLaHel)*

11:30 **Philippe Colson**
Univ. of Aix-Marseille, France
Megavirales Detection in Metagenomes

12:00 **Jean-Michel Claverie**
Univ. of Aix-Marseille, France
*Crises and Challenges in the Taxonomy
of Giant (and Large) DNA Viruses*

Monday, November 16 - continued

12:45 Lunch

Ecology

Chair: Joaquín Martínez Martínez

14:00 **Steven Wilhelm**
Univ. of Tennessee, USA
*A Preliminary Gauge of the Diversity of
Giant Viruses in Marine Coastal Waters –
Tracking AaV*

14:30 **Sheree Yau**
Observatoire Océanologique, Banyuls sur
mer, France
*Uncovering Mechanisms of Virus
Resistance in Ostreococcus tauri*

15:00 **Daniella Schatz**
Weizmann Institute, Israel
*The Ins-and-Outs of EhViruses and
EhVesicles*

15:30 Coffee Break

Virophages & Adenoviruses

Chair: Ruth-Anne Sandaa

16:00 **Matthias Fischer**
Max Planck Institute for Medical Research,
Germany
*Integration and Reactivation of the
Mavirus Virophage in Cafeteria
roenbergensis*

16:30 **Diana Born**
Max Planck Institute for Medical Research,
Germany
*Insights into Capsid Assembly and
Processing of the Virophage Mavirus*

17:00 **Carmen San Martín**
Centro Nacional de Biotecnología, Spain
*Bio-Chemistry and -Physics in
Adenovirus Assembly*

17:30 Tour of Ringberg Castle
18:30 Dinner

20:00-21:00 **Chantal Abergel**
Univ. of Aix-Marseille, France
*The Rapidly Expanding Universe of Giant
Viruses*

Tuesday, November 17

Biochemistry

Chair: Anna Moroni

09:00 **James Van Etten**

Univ. of Nebraska, USA

Chloroviruses Do It Differently

09:30 **Michela Tonetti**

Univ. of Genoa, Italy

*Glycosylation in Giant DNA Viruses:
A Paradigm Shift*

10:00 **Gerhard Thiel**

Technical Univ. Darmstadt, Germany

*Some Surprises from K⁺ Channels from
Marine Viruses*

10:30 Coffee Break

Structure & Assembly

Chair: Jochen Reinstein

11:00 **Thomas Klose**

Purdue Univ., USA

The Structure of Faustovirus

11:30 **Kenta Okamoto**

Uppsala Univ., Sweden

*Cryo-EM Imaging of Entire Large and
Giant Amoebal Viruses*

12:00 **Chuan Xiao**

Univ. of Texas at El Paso, USA

*Structural Investigation of the
Assembly of the Giant Marine Virus
CroV*

12:30 **Yael Fridmann-Sirkis**

Weizmann Institute, Israel

*Analysis of Proteins from Isolated
Mimivirus Factories at Different Stages
of Infection*

13:15 Lunch

Free Afternoon (Hiking etc.)

Evolution

Chair: Matthias Fischer

16:30 **Lutz Becks**

Max Planck Institute for Evolutionary
Biology, Germany

*Rapid Coevolution of a Giant Virus and
Its Algal Host*

17:00 **Amr Aswad**

Oxford Univ., UK

*Paleovirology, Metagenomics, and
Large DNA Viruses*

Tuesday, November 17 - continued

17:30 **Mart Krupovic**

Institut Pasteur, France

*From Polintons to Polinton-Like Viruses,
Virophages and Beyond*

18:00 **Patrick Forterre**

Institut Pasteur, France

*Giant Viruses and the Origin of
Eukaryotes*

18:30 Conference Dinner

Wednesday, November 18

09:00 **Discussion on Current Issues**

12:00 Departure

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