

## Schedule for the Joint Academic Virus Seminar (JAViS)

The seminar will take place **June 28<sup>th</sup>** at the ZMB, 4<sup>th</sup> floor seminar room in Kiel  
Short Contributions (15 min talk including discussion)

10:00-10:10 | **Tim Lachnit** “Introductory remarks”

**Viruses in the sea** (Chair: Janina Lange)

10:10-10:25 | **Martin Jahn** “Exploring viral dark matter in marine sponges” (Marine Ecology, Geomar)

10:25-10:40 | **Henry Goehlich** “Ocean salinity drop triggers the killer instinct of temperate phages” (Evolutionary Ecology of Marine Fishes, Geomar)

10:40-10:55 | **Martin Fischer** “Importance of viral lysis on microbial communities and particle dynamics in the oxygen minimum zone” (IFAM, CAU)

10:55-11:25 | Coffee Break

**Prokaryotic viruses** (Chair: Anne Kupczok)

11:25-11:40 | **Katrin Weidenbach** “MetSV, a novel archaeal lytic virus targeting Methanosarcina strains” (IFAM, CAU)

11:40-11:55 | **Horst Neve** “Bacteriophages of lactic acid bacteria - undesirable companions during dairy fermentations” (Department of Microbiology and Biotechnology, MRI)

11:55-12:10 | **Charles M.A.P. Franz** “Bacteriophages as biocontrol agents against foodborne pathogens and antibiotic resistant bacteria” (Department of Microbiology and Biotechnology, MRI)

12:10-13:30 | Lunch Break

**Prokaryotic viruses and evolution 2** (Chair: Tim Lachnit)

13:30-13:45 | **Anne Kupczok** “Rates of mutation and recombination in *Siphoviridae* phage genome evolution over three decades” (IFAM, CAU)

13:45-14:00 | **Carolin Wendling** “Different ways to resistance – coevolution of bacteria and temperate phages along the parasitism-mutualism continuum” (Evolutionary Ecology of Marine Fishes, Geomar)

**Keynote lecture** (Chair: Thomas Bosch)

14:00-15:00 | **Forest Rohwer** “Phage and the Origin of the Immune System” (San Diego State University)

15:00-15:30 | Coffee Break

15:30-15:45 | **Janina Lange** “Phages: More than just a weapon” (Zoology, CAU)

15:45-16:00 | **Michael Sieber** “Modelling the ecology and coevolution of bacteria-phage interactions” (Department Evolutionary Theory, MPI)

**Eukaryotic viruses** (Chair: Michael Sieber)

16:00-16:15 | **Oliver Müller** “Development of improved adeno-associated virus (AAV) vectors for cardiovascular gene transfer” (Internal Medicine, UKSH)

16:15-16:30 | Coffee Break

16:30-16:45 | **Julian Susat** “Ancient DNA” (IKMB, CAU)

16:45-17:00 | **Peer Wulff** “rAAVs as vehicle for transgene-expression in the CNS” (Institute of Physiology, CAU)

17:00-17:15 | **Norbert Tautz** “Alternative protein interactions as switch between RNA replication and virion morphogenesis – lessons learned from a persisting positive-strand RNA virus” (Institute of Virology and Cell Biology, University of Lübeck)

17:15-17:25 | **Tim Lachnit** “Concluding remarks”

Get together with nibbles and beer...

## Location of the venue

Center of Molecular Life Sciences (ZMB)  
Am Botanischen Garten 11  
24118 Kiel

## Directions

- by bus: no. 60 S (express bus) or 81; exit at the stop: “Botanischer Garten”.
- by train: from the main station it takes about 20-30 minutes by bus (lines as above) or 15 minutes by taxi.
- by car: ask for passage at the barrier on Leibnizstraße. Then drive almost to the end of the street. Turn right into the parking lot in front of the Zentrum für Molekulare Biowissenschaften.

