

Upcoming Events

EVBC does not endorse any of the listings and is only involved in events marked as **EVBC Events**.

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EVBC Event — Hands-on Workshop on Nanopore Sequencing

25–29 November 2019, Delhi, India

This workshop is part of a project, where metagenomics assisted surveillance tools shall be developed for tracking antibiotic resistance. During the workshop, water and sediment samples will be analyzed using Nanopore sequencing to assess the effect of human settlement on the quality of water in terms of bacterial load.

Registration deadline: **15 November 2019**

Mathematical Models for Infectious Disease Dynamics

24 February–06 March 2020, Wellcome Genome Campus, UK

Intensive two-week course combining lectures, discussions and seminars, with a strong emphasis on building practical skills using the programming software packages R and RStudio.

Application deadline: **14 November 2019**

Virology Africa 2020

10–14 February 2020, Cape Town, South Africa

General virology conference with a magnificent view of the ocean.

Early registration and abstract submission deadline: **15 November 2019**

Recent Selected Publications by EVBC Members

Structure and function of the Toscana virus cap-snatching endonuclease. *Nucleic Acids Res* **10.1093/nar/gkz838**

A Randomized, Blinded, Dose-Ranging Trial of an Ebola Virus Glycoprotein (EBOV GP) Nanoparticle Vaccine with Matrix-M™ Adjuvant in Healthy Adults. *J Infect Dis* **10.1093/infdis/jiz518**

Polyclonal and convergent antibody response to Ebola virus vaccine rVSV-ZEBOV. *Nat Med* **10.1038/s41591-019-0602-4**

Robust taxonomic classification of uncharted microbial sequences and bins with CAT and BAT. *Genome Biol* **10.1186/s13059-019-1817-x**

What a difference a gene makes - identification of virulence factors of Cowpox virus. *J Virol* **10.1128/JVI.01625-19**

Preprints

Upstream translation initiation expands the coding capacity of segmented negative-strand RNA viruses. *bioRxiv* **10.1101/795815**

An iterative and automated computational pipeline for untargeted strain-level identification using MS/MS spectra from pathogenic samples. *bioRxiv* **10.1101/812313**

Bayesian Evaluation of Temporal Signal in Measurably Evolving Populations. *bioRxiv* **10.1101/810697**

Microbiomes in the insectivorous bat species *Mops condylurus* rapidly converge in captivity. *bioRxiv* **10.1101/784074**

News and Announcements

Special Issue “Virus Bioinformatics 2020” Accompanying the [International Virus Bioinformatics Meeting 2020](#), we are again editing a [special issue on “Virus Bioinformatics” in Viruses](#), covering computational approaches in virology. Sub-topics include (but are not limited to) the following: systems virology, virus–host interactions, virus classification and evolution, epidemiology and surveillance, viral metagenomics and ecology, and clinical bioinformatics.

All papers should be submitted online at [MDPI Viruses](#). After the successful last issue, we hope to receive great contributions again!

Submission deadline: **01 March 2020**

Young scientists retreat. We are planning on organizing a retreat for early stage researchers in virus bioinformatics. This retreat is supposed to be a platform for young scientists to discuss their research projects but also their PhD and career progress. Please contact the EVBC if you are interested in attending and/or organizing such an event.

