

## Upcoming Events

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

### Infectious Diseases: Past, Present, and Future – EMBL Science and Society Conference

15–16 November 2018, in Heidelberg, Germany

*Session Topics include epidemics in human history, influenza and viral epidemics, vaccines, public health and diseases of poverty, pandemics and biosecurity.*

Registration deadline: **18 October 2018**

### Advanced Training with Oxford Nanopore Technologies – EMBL Course

14–18 January 2019, in Heidelberg, Germany

*The goal of this course is to teach nanopore sequencing using the Oxford Nanopore Technologies platform and is directed towards molecular biologists, bioinformaticians, scientists and technicians.*

Application deadline: **22 October 2018**

### 23rd Annual International Conference on Research in Computational Molecular Biology (RECOMB)

5–8 May 2019, in Washington, USA

*The conference solicits research contributions on theoretical advances in computational biology and their applications in molecular biology and medicine.*

Paper submission deadline: **30 October 2018**

### EvoStar 2019

24–26 April 2019, in Leipzig, Germany

*EvoStar comprises of four co-located conferences on evolutionary computation: EuroGP, EvoApplications, EvoCOP, and EvoMUSART.*

Submission deadline: **01 November 2018**

## Recent Selected Publications by EVBC Members

Combination therapy with anti-HIV-1 antibodies maintains viral suppression. *Nature*. [10.1038/s41586-018-0531-2](#)

Safety and antiviral activity of combination HIV-1 broadly neutralizing antibodies in viremic individuals. *Nat Med*. [10.1038/s41591-018-0186-4](#)

Male offspring born to mildly ZIKV-infected mice are at risk of developing neurocognitive disorders in adulthood. *Nat Microbiol*. [10.1038/s41564-018-0236-1](#)

Molecular and Evolutionary Determinants of Bacteriophage Host Range. *Trends Microbiol*. [10.1016/j.tim.2018.08.006](#)

From hype to reality: data science enabling personalized medicine. *BMC Med*. [10.1186/s12916-018-1122-7](#)

EPA-ng: Massively Parallel Evolutionary Placement of Genetic Sequences. *Syst Biol*. [10.1093/sysbio/syy054](#)

Recent advances in computational phylodynamics. *Curr Opin Virol*. [10.1016/j.coviro.2018.08.009](#)

A Versatile Sample Processing Workflow for Metagenomic Pathogen Detection. *Sci Rep*. [10.1038/s41598-018-31496-1](#)

Zoonotic Potential of Influenza A Viruses: A Comprehensive Overview. *Viruses*. [10.3390/v10090497](#)

On the importance of negative controls in viral landscape phylogeography. *Virus Evol*. [10.1093/ve/vey023](#)

Identification of potential microRNAs associated with Herpesvirus family based on bioinformatic analysis. *bioRxiv* [10.1101/417782](#)

SilentMutations (SIM): a tool for analyzing long-range RNA-RNA interactions in viral genomes and structural RNAs. *bioRxiv* [10.1101/424002](#)

## News and Announcements

**Special Issue on Virus Bioinformatics in Viruses:** We welcome up to 20 full papers as original research articles, as well as review papers. EVBC members are offered **15% discount of the article processing charges**. Deadline for submission of full-papers is on **01 February 2019**. [More >](#)

**Sponsorship for Annual EVBC Meeting:** We are looking for sponsors for the 3rd Annual EVBC Meeting. Please contact us in case you know suitable companies to whom we can send an invitation to sponsor.

