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.