

Upcoming Events

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

RNA Informatics

09–11 September 2019, Wellcome Genome Campus, UK

The meeting will bring together computational researchers with experimentalists interested in non-coding RNA biology to discuss the latest developments in this fast-moving field.

Early bird registration: **18 June 2019**

27th Conference on Intelligent Systems in Molecular Biology

21–25 July 2019, Basel, Switzerland

ISMB/ECCB 2019 is the largest and most high profile annual meeting of scientists working in computational biology and provides an intense multidisciplinary forum for disseminating the latest developments in computational tools for data driven biological research.

Early bird registration: **20 June 2019**

German Conference on Bioinformatics

16–19 September 2019, Heidelberg, Germany

This year, GCB focuses on bringing physicians, bioinformatics and medical informatics together and aims to showcase applications and opportunities beyond.

Early bird registration: **20 June 2019**

4th Tofo Advanced Study Week on Emerging and Re-Emerging Viruses

01–05 September 2019, Praia do Tofo, Inhambane, Mozambique

The focus of the meeting will be on (re-)emerging viruses of all kinds, dealing with different aspects, e.g. epidemiology, diagnostics, vaccine development and many more.

Early bird registration and application for stipends: **30 June 2019**

Recent Selected Publications by EVBC Members

Musashi binding elements in Zika and related Flavivirus 3'UTRs: A comparative study *in silico*. *Sci Rep* **10.1038/s41598-019-43390-5**

Structure and Hierarchy of Influenza Virus Models Revealed by Reaction Network Analysis. *Viruses* **10.3390/v11050449**

Conserved Secondary Structures in Viral mRNAs. *Viruses* **10.3390/v11050401**

Marine DNA Viral Macro- and Microdiversity from Pole to Pole. *Cell* **10.1016/j.cell.2019.03.040**

Microorganisms @ materials surfaces in aircraft: Potential risks for public health? – A systematic review. *Travel Med Infect Dis* **10.1016/j.tmaid.2018.07.011**

A computational method for the identification of Dengue, Zika and Chikungunya virus species and genotypes. *PLoS Negl Trop Dis* **10.1371/journal.pntd.0007231**

De novo transcriptome assembly: A comprehensive cross-species comparison of short-read RNA-Seq assemblers. *Giga-Science* **10.1093/gigascience/giz039**

Antiviral RNAi in Insects and Mammals: Parallels and Differences. *Viruses* **10.3390/v11050448**

Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following *In Vitro* Infection with Foot-And-Mouth Disease Virus. *Viruses* **10.3390/v11010053**

web-rMKL: a web server for dimensionality reduction and sample clustering of multi-view data based on unsupervised multiple kernel learning. *Nucleic Acids Res* **10.1093/nar/gkz422**

An evolutionary-based approach to quantify the genetic barrier to drug resistance in fast-evolving viruses: an application to HIV-1 subtypes and integrase inhibitors. *Antimicrob Agents Chemother* **10.1128/AAC.00539-19**

Still Something to Discover: Novel Insights into *Escherichia coli* Phage Diversity and Taxonomy. *Viruses* **10.3390/v11050454**

Vacancies

PhD-position at the Laboratory of Viral Metagenomics in the Rega Institute, Department of Microbiology, Immunology and Transplantation at the KU Leuven, Leuven, Belgium. The title of the PhD project is: "Untangling the gut microbiota development (bacteria, viruses, fungi and parasites) in Bangladeshi infants using various metagenomics approaches". Details regarding application can be found [▶ here](#).

Application deadline: **June 30, 2019**

