

Upcoming Events

International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology (VEME)

26th–31st August 2018 in Berlin, Germany.

Organised by the University of Leuven, EVBC, and Robert Koch Institut

The VEME workshop provides both theoretical and practical training in phylogenetic inference and evolutionary hypothesis testing as applied in virology and molecular epidemiology. It is recognized as one of the best international virus bioinformatics courses. It covers sequence analysis, phylogenetics, phylodynamics methods, and large scale methods for next-generation sequencing (NGS) analytics.

Registration is still open: <https://rega.kuleuven.be/cev/veme-workshop/2018/registration>

German Conference on Bioinformatics (GCB 2018)

26th–28th September 2018 in Vienna, Austria.

Organised by the Austrian Bioinformatics Platform ATBI

This conference is devoted to all areas of bioinformatics and is meant as a platform for the German and European bioinformatics community.

Poster submission deadline: August 15, 2018

Details at <http://gcb2018.de>

Recent Selected Publications by EVBC Members

Semen inhibits zika virus infection of cells and tissues from the anogenital region. *Nat Commun*, **PMID: 29880824**

Bayesian phylogenetic and phylodynamic data integration using BEAST 1.10. *Virus Evol*, **PMID: 29942656**

Nanopore sequencing as a revolutionary diagnostic tool for porcine viral enteric disease complexes identifies porcine kobuvirus as an important enteric virus. *Sci Rep*, **PMID: 29959349**

Testicular degeneration and infertility following arbovirus infection. *J Virol*, **PMID: 30021901**

Mathematical analysis of viral replication dynamics and antiviral treatment strategies: From basic models to age-based multi-scale modeling. *Front Microbiol*, **PMID: 30050523**

Predicting the effectiveness of hepatitis C virus neutralizing antibodies by bioinformatic analysis of conserved epitope residues using public sequence data. *Front Immunol*, **PMID: 30013555**

Increasing the number of available ranks in virus taxonomy from five to ten and adopting the baltimore classes as taxa at the basal rank. *Arch Virol*, **PMID: 29942981**

News and Announcements

Vacancy in virus bioinformatics: A pre- or post-doctoral researcher to work on virus bioinformatics at the University of Cambridge, UK.

Details at: <http://www.firthlab.path.cam.ac.uk/recruitment.html>,
main contact Andrew Firth (aef24@cam.ac.uk).

