Recent Selected Publications by EVBC Members

Kinetic Fingerprinting Links Bacteria-Phage Interactions with Emergent Dynamics: Rapid Depletion of *Klebsiella pneumoniae* Indicates Phage Synergy. *Antibiotics* 10.3390/antibiotics9070408

**Reviews**

**Preprints**
Next-generation diagnostics: virus capture facilitates a sensitive viral diagnosis for epizootic and zoonotic pathogens including SARS-CoV-2. *bioRxiv* 10.1101/2020.06.30.181446

We are happy to announce your research in our newsletter. Send your publications to evbc@uni-jena.de. For more frequent updates on publications, please follow us on Twitter EVirusBioinfC or check our publications website.

**EVBC Special Issues**

Virus Bioinformatics in *Viruses*
Determining the Suitability of MinION’s Direct RNA and DNA Amplicon Sequencing for Viral Subtype Identification. *Viruses* 10.3390/v12080801

**Upcoming Events**

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

Subscribe to EVBC Event Calendar

7th ESWI Influenza Conference
06–09 December 2020, Valencia, Spain
The European Scientific Working group on Influenza (ESWI) organise the largest European scientific conference dedicated to influenza, bringing together experts in fundamental biological research, public health, healthcare and policy. This edition of the conference has expanded its scope to include RSV, and will also include a special session on SARS-CoV-2.

Deadline for abstracts and applications to the Young Scientist Fund: 07 August 2020

**Tools and Resources**

We are curating a list of useful tools in virus bioinformatics. Please let us know about the tools you have developed to advance the field.

- AncesTree is a graphical user interface designed to allow researchers to interactively explore the clonal evolution of antibodies.
- ganon is a k-mer-based read classification tool for metagenomics that provides an efficient method for indexing references, keeping them updated.
- What the Phage is an easy-to-use and parallel multitool approach for phage identification combined with an annotation and classification downstream strategy supporting the user's decision-making process when the phage identification tools are not in agreement to each other.

**News and Announcements**

Virus Bioinformatics 2020 in *Viruses*
We invite you to submit your research to our special issue covering computational approaches in virology.
Submissions deadline: 31 October 2020

News related to SARS-CoV-2 are covered in our Special Issue Newsletter.