

Recent Selected Publications by EVBC Members

Surveillance of European Domestic Pig Populations Identifies an Emerging Reservoir of Potentially Zoonotic Swine Influenza A Viruses. *Cell Host Microbe* [10.1016/j.chom.2020.07.006](https://doi.org/10.1016/j.chom.2020.07.006)

Genesis and spread of multiple reassortants during the 2016/2017 H5 avian influenza epidemic in Eurasia. *Proc Natl Acad Sci USA* [10.1073/pnas.2001813117](https://doi.org/10.1073/pnas.2001813117)

PoSeiDon: a Nextflow pipeline for the detection of evolutionary recombination events and positive selection. Now published in *Bioinformatics* [10.1093/bioinformatics/btaa695](https://doi.org/10.1093/bioinformatics/btaa695)

Inclusion of Oxford Nanopore long reads improves all microbial and viral metagenome-assembled genomes from a complex aquifer system. *Environ Microbiol* [10.1111/1462-2920.15186](https://doi.org/10.1111/1462-2920.15186)

HIV-1 lethality and loss of Env protein expression induced by single synonymous substitutions in the virus genome intronic splicing silencer. *J Virol* [10.1128/JVI.01108-20](https://doi.org/10.1128/JVI.01108-20)

Changes to virus taxonomy and the Statutes ratified by the International Committee on Taxonomy of Viruses (2020). *Arch Virol* [10.1007/s00705-020-04752-x](https://doi.org/10.1007/s00705-020-04752-x)

Adsorption Sequencing as a Rapid Method to Link Environmental Bacteriophages to Hosts. *iScience* [10.1016/j.isci.2020.101439](https://doi.org/10.1016/j.isci.2020.101439)

Reviews

Brothers in Arms: Structure, Assembly and Function of *Arenaviridae* Nucleoprotein. *Viruses* [10.3390/v12070772](https://doi.org/10.3390/v12070772)

Viral and subviral derived small RNAs as pathogenic determinants in plants and insects. *Adv Virus Res* [10.1016/bs.aivir.2020.04.001](https://doi.org/10.1016/bs.aivir.2020.04.001)

African swine fever – A review of current knowledge. *Virus Res* [10.1016/j.virusres.2020.198099](https://doi.org/10.1016/j.virusres.2020.198099)

Preprints

At least seven distinct rotavirus genotype constellations in bats with evidence of reassortment and zoonotic transmissions. *bioRxiv* [10.1101/2020.08.13.250464](https://doi.org/10.1101/2020.08.13.250464)

A Genomic Blueprint of the Chicken Gut Microbiome. *Research Square* [10.21203/rs.3.rs-56027/v1](https://doi.org/10.21203/rs.3.rs-56027/v1)

Tutorial: Assessing metagenomics software with the CAMI benchmarking toolkit. *bioRxiv* [10.1101/2020.08.11.245712](https://doi.org/10.1101/2020.08.11.245712)

Sequence Analysis of Egyptian Foot-And-Mouth Disease Virus Field and Vaccine Strains: Intertypic Recombination and Evidence for Accidental Release of Virulent Virus. *Preprints* [10.20944/preprints202008.0285.v1](https://doi.org/10.20944/preprints202008.0285.v1)

Covidex: an ultrafast and accurate tool for virus subtyping. *bioRxiv* [10.1101/2020.08.21.261347](https://doi.org/10.1101/2020.08.21.261347)

For more frequent updates on publications, please follow us on Twitter [EVirusBioinfC](https://twitter.com/EVirusBioinfC) or check our [publications website](#).

Upcoming Events

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

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Workshop Immunobiology of Viral Infections

30 Sep – 02 Oct 2020

[online](#) | [free of charge](#)

Platform for scientific exchange among young and experienced scientists working on immunobiology of viral infections.

Abstract deadline:

[01. September 2020](#)

Zoonoses 2020

15–16 October 2020

[online](#) | [free of charge](#)

Very first online symposium of the German Research Platform for Zoonoses with head theme **Zoonoses as a global challenge**.

Registration deadline:

[30. September 2020](#)

Vacancies

PhD student in Viral Infection Bioinformatics at TWINCORE. The group aims at associating variations in the human genome and virome with health and disease. [Further details and application portal](#).

Application deadline:

[31 August 2020](#)

Postdoc at German Centre for Integrative Biodiversity Research to explore the genetic underpinning of viral spillover among insect pollinator species. Application via [application portal](#); ID 4-8989/20-D.

Application deadline:

[10 September 2020](#)

PhD student in Virus Bioinformatics at Ruhr University Bochum to investigate the occurrence and changes of virus populations in their hosts (quasi-species analyzes) using Next Generation Sequencing (NGS). [Further details and application portal](#).

Application deadline:

[17 September 2020](#)

New Members

We are happy to welcome our twelve new members:

- **Iman Almansour**, University of Dammam, Saudi Arabia
- **Yannick Blanchard**, ANSES, France
- **Marco Cacciabue**, IABIMO, Argentina
- **Amélie Chastagner**, ANSES, France
- **Urmila Kulkarni-Kale**, Savitribai Phule Pune University, India

- **Batsirai Mabvakure**, Johns Hopkins University, USA
- **Laura Miozzi**, IPSP CNR, Italy
- **Seyed Reza Mohebbi**, SB University of Medical Sciences, Iran
- **José Ignacio Núñez**, IRTA CReSA, Spain
- **Ingrida Olendraite**, University of Cambridge, United Kingdom
- **Bingqian Qu**, University Hospital Heidelberg, Germany
- **Ben Temperton**, University of Exeter, United Kingdom

News related to SARS-CoV-2 are covered in our [Special Issue Newsletter](#).