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Selected Publications by EVBC Members

[📖 All publications on Pubmed](#)

A widespread family of phage-inducible chromosomal islands only steals bacteriophage tails to spread in nature. (Cell Host Microbe: [10.1016/j.chom.2022.12.001](https://doi.org/10.1016/j.chom.2022.12.001))

A binary interaction map between turnip mosaic virus and *Arabidopsis thaliana* proteomes. (Commun Biol: [10.1038/s42003-023-04427-8](https://doi.org/10.1038/s42003-023-04427-8))

Arabidopsis latent virus 1, a comovirus widely spread in *Arabidopsis thaliana* collections. (New Phytol: [10.1111/nph.18466](https://doi.org/10.1111/nph.18466))

The Virome of Bats Inhabiting Brazilian Biomes: Knowledge Gaps and Biases towards Zoonotic Viruses. (Microbiol Spectr: [10.1128/spectrum.04077-22](https://doi.org/10.1128/spectrum.04077-22))

The Bacteriophage-Phage-Inducible Chromosomal Island Arms Race Designs an Interkingdom Inhibitor of dUTPases (Microbiol Spectr: [10.1128/spectrum.03232-22](https://doi.org/10.1128/spectrum.03232-22))

Impact of host age on viral and bacterial communities in a waterbird population. (ISME J : [10.1038/s41396-022-01334-4](https://doi.org/10.1038/s41396-022-01334-4))

Hepeliviruses in two waterbodies in Berlin, Germany. (Arch Virol: [10.1007/s00705-022-05688-0](https://doi.org/10.1007/s00705-022-05688-0))

Reviews / Commentaries / Editorials / ...

SARS-CoV-2 variant biology: immune escape, transmission and fitness. (Nat Rev Microbiol: [10.1038/s41579-022-00841-7](https://doi.org/10.1038/s41579-022-00841-7))

Functional ecology of bacteriophages in the environment. (Curr Opin Microbiol: [10.1016/j.mib.2022.102245](https://doi.org/10.1016/j.mib.2022.102245))

Preprints

Surveillance of 16 UK native bat species through conservationist networks uncovers coronaviruses with zoonotic potential. (bioRxiv: [10.1101/2023.01.17.524183](https://doi.org/10.1101/2023.01.17.524183))

Astrovirology: how viruses will enhance our understanding of life in the universe. (Preprints: [10.20944/preprints202301.0266.v1](https://doi.org/10.20944/preprints202301.0266.v1))

Publication shortcuts: If you would like us to add a shortcut to a specific virus (family) or topic, drop us an email.

SARS-CoV-2


influenza

HIV

monkeypox

Upcoming Events


[📅 Subscribe to Calendar](#)

We do not endorse any of the listings and do not take any responsibility for the accuracy of the information. EVBC members are involved in events marked .

32nd Annual Meeting of the Society for Virology 2023

28–31 March 2023 | Ulm, Germany

Early bird registration deadline: **15 February 2023**


 Thomas Mettenleiter, Lars Dölken, Noam Stern-Ginossar (plenary speakers)

8th European Congress of Virology 2023

4–7 May 2023 | Gdańsk, Poland

Abstract submission deadline: **06 February 2023**

Early bird registration deadline: **20 March 2023**

 Krystyna Bienkowska-Szewczyk, Thomas Mettenleiter (organizers); Sébastien Calvignac-Spencer, Mart Krupovic (speakers)

The XVth International Nidovirus Symposium

14–18 May 2023 | Montreux, Switzerland

Abstract submission deadline: **19 February 2023**

Early bird registration deadline: **19 February 2023**

viruses *in silico* lecture series

[📝 Register](#)

This lecture is designed to keep you up to date with the latest developments in virus bioinformatics, especially new tools that might help you in your research.

Network-based approaches for the identification of viral-mediated pathogenic mechanisms and of candidate anti-viral drugs.

20 February 2023 | 04 pm CET

online

George Spyrou, *The Cyprus Institute of Neurology & Genetics, Cyprus*

Virus-host protein-protein interactions (PPIs) are critical regarding the effect on human health a viral infection may have. These inter-species interactions can lead to viral-mediated perturbations of the human interactome causing the generation of various complex diseases. Network-based approaches can highlight the possible relationship between a viral infection and other diseases. Similarities between viruses at both viral protein and host protein level, may provide the appropriate framework to identify and rank candidate drugs to be used against a specific virus.

You can also already [register](#) for our upcoming lectures:

- | | |
|----------------|--|
| 27. March 2023 | Tomasz Wirecki, International Institute of Molecular and Cell Biology Warsaw, Poland |
| 24. April 2023 | Masayuki Horie, Osaka Metropolitan University, Japan |
| May 2023 | ViBioM 2023 |
| postponed | Mart Krupovic, Institut Pasteur, France |

If you are attending the “viruses *in silico*” lecture regularly and do not want to register every month, you can now also choose to be permanently registered. You will be added to the mailing list and receive the access details every month. You can unsubscribe at any time.