

# LABORATORY OF BEE BIOLOGY



## Help the honey bees

Get acquainted with the fascinating world of honey bees and help to protect these pollinators crucial for the maintenance of biodiversity and agriculture.

Our goal is to improve the health and viability of honey bee colonies by offering a sustainable and safe solution to combat their viral and parasitic infections. We focus on basic and applied research of honey bee viruses, the *Varroa destructor* mite and microbiome, as well as on questions related to innovative beekeeping approaches.

The applied potential of our research is demonstrated by two commercially sold licences of products for honey bees.



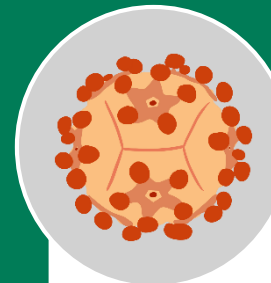
## Join my research team!

I devoted my research career to study insect molecular biology, metabolism and immunity. After receiving PhD in molecular genetics in 2004, I spent a 6-year postdoctoral stay at the University of Cambridge, UK, and continued with my own research group at the University of South Bohemia since 2010. I am a former EMBO grantee and holder of several GACR and TACR grants. I am a keen beekeeper.

### Contact:

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## Master's research project 2025-2028:

The honey bee virome and its relation to honey bee colony losses

Enroll in the new two-year Masters Programme **Functional Genetics & Bioinformatics** at Faculty of Science, University of South Bohemia in České Budějovice, Czech Republic.

Offered specializations:

- Bioinformatics
- Biotechnology
- Human Molecular Genetics
- Molecular Cell Biology & Genetics

Application deadline: 19 May 2024

Study start: September 2024

Find more information [HERE](#)