



Institute of Animal Physiology  
and Genetics CAS

# LIFE OF MUSING AND INSPIRATION

## A Tribute to Petr Ráb



May 21, 2025

### CONFERENCE PROGRAMME

Masarykův kulturní dům, Mělník

#### 9:30 – 10:10 Opening session

9:30 – Welcome and Introductory words (M. Kubelka, V. Bohlen Šlechtová)

10:00 – C. Ozouf-Costaz (online): *Remembering Petr*

#### 10:10 – 11:20 Session 1

10:10 – J. Bohlen: *From cobitis to cypriniformes*

10:30 – A. Boron: *Our colleague and friend, professor Petr Ráb – permanent contribution to the development of fish cytogenetics in Poland*

10:50 – M. Johnson Pokorná: *Petr Ráb 's influence on the cytogenetic study of New Zeland endemics*

11:10 – P. Jurajda/ M. Hnilička: *Black bullhead in Czech Republic – a new threat to aquatic ecosystems, distribution and potential management*



#### 11:20 – 12:00 Coffee Break

#### 12:00 – 13:20 Session 2

12:00 – L. Kalous: *Of crucian carps and people*

12:20 – M. Flajšhans: *Ploidy diversity in strugeons*

12:40 – M. Pšenička: *Polyspermy produces viable mosaics in strugeon*

13:00 – K. Janko: *How to abandon sex while maintaining it: on the interminglement of clonality and meiosis during speciation and beyond*



#### 13:20 – 14:30 Lunch Break

#### 14:30 – 15:50 Session 3

14:30 – M. Cioffi & A. Sember: *Impact of Petr Ráb to fish cytogenetic research and his legacy*

14:50 – F. Marec: *Diversity of molecular mechanisms of moths and and butterflies*

15:10 – J. Král: *Evolution of karyotype and sex chromosome evolution in spiders*

15:30 – L. Choleva: *Reproductive biology of air-breathing aquatic vertebrates: a study of hybrid water frogs and misgurnus loaches*



#### 15:50 – 16:20 Coffee Break

#### 16:20 – 17:40 Session 4

16:20 – Z. Musilová: *From freshwater fish to the depths of the sea and back*

16:40 – O. Slavík: *Behavior of albino fish*

17:00 – M. Reichard: *Evolution of brood parasitism in catfish*

17:20 – R. Černý: *Petr – Lenin – Jesus: Tropical gars as true living fossils*



#### From 18:00 Informal Gathering with Refreshments



 Conference is also available via Zoom  <https://cesnet.zoom.us/j/92943126388>