



**When:**

25 - 26 May, 2021 (Tu - We).

**Venue:**

Průhonice near Prague,

for info <http://www.pruhonickypark.cz/en/the-pruhonice-park/>.

**Aim of the workshop:**

To sum up the current state of the immunogenetics of farm species and to find out the ways how to integrate this knowledge into the evaluation algorithms and breeding schemes.

The choice of the topic reflects the fact that the apparent gap between the breeding evaluation and prediction on one side and the mechanisms forming the complex traits on the other becomes to be overcome by the comprehensive genome characterization. Therefore, two main areas of the workshop will be concentrated on the identification of causal variants

in immunity genes and on the ways of using the information on causal variation and gene annotation for genetic prediction in breeding.

Attention will be paid to the impact produced by the progress in understanding and modelling gene function in the FAANG initiative in the functional annotation of animal genomes. In parallel, any reports illustrating the current advances in animal immunogenetics and breeding for health traits will be welcomed.

### **Invited speakers:**

Will be specified.

### **Registration:**

From February 1, 2021.

**Participation fee:** preliminary 100,- euro (2.500,- CZK).

### **Programme committee:**

To be completed.

### **Local committee:**

To be completed.

We hope that the quiet environment of the south-east Prague suburb will create a productive atmosphere and will promote the concentration on the actual tasks at the interface of immunogenetics and breeding.

### **Contact:**

Via e-mail: [novak.karel@vuzv.cz](mailto:novak.karel@vuzv.cz), +420 267 009 567, 744, 560, +420 776 056 323.

### **Preliminary programme:**

Monday 24.5.2021

16.00 – 20.00 registration, poster mounting.

Tuesday 25.5.2021

8.00 – 9.00 registration,

9.00 – 12.00 Section I “Genomics and Gene Variation”

13.00 – 16.00 Section II “Functional Responses”

17.00 – 19.30 – welcome meeting.

Wednesday 26.5.2021

9.00 – 12.00 Section III “Applications in Breeding”

13.00 – guided excursions:

1. Institute of Animal Science – labs and barns,
2. castle and botanical garden,
3. Prague historical city centre.

## **Instructions for presenters:**

Oral presentation – PPT, PPTX or PDF format of slides, 15’ for presentation, 5’ for discussion.

Posters: posters stands are available for 84 (w) x 120 (l) cm format.

## **Travel and accommodation:**

The south-east suburb Průhonice is accessible from the pre-terminal metro station Opatov on the metro line “C” and backwards by buses no 363 and 385 (departures on <http://pid.idos.cz/spojeni/>). The travelling time to the city centre by bus and metro is 40 minutes in total.

The suburb is conveniently located at the end of the highway D1 from Brno, Bratislava and Vienna.

There are many hotels directly in Průhonice and its surroundings. We would like to mention the following:

Aquapalace Hotel Prague\*\*\*\*\* - a modern hotel within a walking distance 1500 m from the conference centre,

Parkhotel Průhonice\*\*\* - refurbished historical building, 300 m from the conference centre,

Floret\*\*\* - is associated with the conference centre. Historical building with authentic atmosphere,

Hotel Tulipán\*\*\* - 500 m from the conference centre,

Penzion Colosseum\*\*\* - refurbished building of a historical pub adjacent to the conference centre.

In the city of Prague, 3000 hotel options are searchable on the dedicated sites.

### **Sponsored by:**

Supported by the project No LTV20020 of the INTER-VECTOR/INTER-EXCELLENCE programme of the Ministry of Education, Youth and Sports of the Czech Republic.