

BIOTECHNOLOGY

opportunity for intersectoral cooperation and technology transfer

Date: **19th September, 2018** ■ Venue: **Vodňany, MEVPIS – Na Valše 207**

PROGRAMME

8:30 – 9:00 **Registration**

I. Phenomenon Biotechnology

9:00 – 9:15 **Welcome speech**

(Dipl. Ing. Ivo Moravec – councilor of the South Bohemia Authority; Prof. Pavel Kozák – dean of Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice)

9:15 – 9:45 **Biotechnology in the Czech Republic and directions of their development**

(Prof. Libor Grubhoffer – director of Biology Centre CAS)

9:45 – 10:10 **Biotechnology in European Research Area and biotechnology platforms**

(Dipl. Ing. Naďa Koníčková, Technology Agency CAS)

10:10 – 10:30 **Coffee break**

II. Intersectoral cooperation in Biotechnology

10:30 – 11:00 **Relationship between intestinal microbiota and brain functions: potential of probiotics in the therapy of neuropsychiatric disorders**

(Dr. Karel Valeš – National Institute of Mental Health, Prague)

11:00 – 11:30 **Dry friction reduction using glycans derived from the sandfish skin**

(Prof. Werner Baumgartner – Medicine and Biomechanics Faculty, JKU Linz)

11:30 – 12:00 **Using Genebank diversity and state-of-the-art biotechnological approaches to improve breeding and food security**

(Dr. Goetz Hensel – Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben)

12:00 – 12:30 **An interdisciplinary approach in microalgal biotechnology**

(Dr. Richard Lhotský – Institute of Microbiology CAS, Třeboň)

12:30 – 13:30 **Lunch**

III. Technology transfer in Biotechnology

13:30 – 14:30 **Round table discussion**

Participants:

Dr. Jaromír Zahrádka – i&i Prague

Dr. Markus Pietzka, INITS Universitäre Gründerservice Wien GmbH

Dipl. Ing. Vojtěch Kadlec, UNICO.AI, Prague

14:30 – 14:50 **Coffee break**

IV. Best practice in intersectoral cooperation

14:50 – 15:10 **Systems biology approaches for advancing biotechnology of microalgae**

(Dr. Jan Červený – Global Change Research Institute CAS – CzechGlobe)

15:10 – 15:30 **Instruments for fish and water monitoring**

(Dr. Jan Urban – Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice)

15:30 – 15:50 **Actinomycetes collection as a tool of cooperation for basic and applied research**

(Dr. Alica Chroňáková – Biology Centre CAS – Institute of Soil Biology)

15:50 – 16:00 **Closing remarks**

16:00 **„Glass of wine“**