

BIOTECHNOLOGY

„the phenomenon of the 21st century“

Date: 20th September, 2016 ■ Venue: České Budějovice, hall JVTP – Lipová 1789/9

PROGRAMME

9:00 – 9:30 Registration

I. Let's use our potential and opportunities

9:30 – 9:45 **Ing. Jaromír Sliva**, MBA, Assistant to the Governor, South – Bohemian Region, **“Support of Biotechnology in South - Bohemian Region”**

9:45 – 10:05 **Dr. Martin Bunčec**, Technology Agency of the CR, **“Conditions of biotechnology in the Czech Republic”**

10:05 – 10:25 **Mgr. Michal Schmoranz**, Biology Centre CAS, **“The 21st century biotech: sharing, cooperating, engaging”**

II. Green biotechnology

10:25 – 10:45 **Dr. Richard Lhotský**, Institute of Microbiology CAS, Třeboň **“ALGATECH Centre - Research in algal Biotechnology”**

10:45 – 11:05 **Dr. Jan Červený**, Global Change Research Institute CAS (CzechGlobe), **“Advances in biotechnologies for sustainable future”**

11:05 – 11:20 Coffee break

11:20 – 11:40 **Prof. Thomas Dresselhaus** – Cell Biology & Plant Physiology University of Regensburg, **“Fertilization mechanisms and early seed development in maize”**

11:40 – 12:00 **Dominik Schwarz, M.Sc.**, Technische Universität München – Wissenschaftszentrum Straubing, **“Farm-based biorefineries as agricultural added value in rural areas”**

12:00 – 12:20 **Ing. Libor Hájek**, UP Olomouc – Centre of the Region Hana for Biotechnological and Agricultural Research, **“New stimulant of crop growth - preparation of commercialization”**

12:20 – 12:40 **Dr. Václav Trojan**, Mendel University in Brno, **“Medicinal Cannabis research in the Czech Republic”**

12:40 – 13:00

Dr. Igor Koloniuk, Biology Centre CAS, **“Application of next-generation sequencing for diagnostics of plant pathogens”**

13:00 – 14:00 Lunch

III. Medical and industrial biotechnology

14:00 – 14:20 **Dr. Christoph Wiesner**, IMC University of Applied Sciences Krems (Technopol Krems), **“2 - & 3D in vitro models for drug screening”**

14:20 – 14:40 **Dr. Ana Isabel Born-Torrijos**, Biology Centre CAS, **“Development of in-feed treatments against parasitic infections in aquaculture”**

14:40 – 15:00 **Mgr. Jakub Vylíčil**, UP Olomouc – Centre of the Region Hana for Biotechnological and Agricultural Research, **“Pharma Technology Transfer in the Czech Republic - Success Stories of Cytokinin Derivatives”**

15:00 – 15:20 **Dr. Petr Šimek**, Biotechnology Centre CAS, **“META-BOAUTO - a new platform for automated analysis of metabolites and other biologically active compounds and drugs”**

15:20 – 15:40 Coffee break

IV. Promotion of international cooperation, financing options

15:40 – 16:10 **Ing. Naďa Koníčková**, Technology Centre CAS, **“EU support to research and innovation in biotechnology”**

16:10 – 16:25 **Dr. Martin Bunčec**, Technology Agency of the CR, **“National support resources of research and innovation”**

16:25 – 16:40 **Mgr. Ing. Jiří Kůs**, Czech Nanotechnology Industries Association, **“Cooperation between nano and biotechnology”**

16:40 – 17:00 Closing discussion

17:00 **„Glass of wine“**