

# Brokerage Event 2016

## Regenerative Medicine and Bioinformatics

Čtvrtek, 19. 5. 2016

### **REGISTRATION**

08:00 — 08:30, Foyer

### **Opening Speech**

08:30 — 08:45, Conference Hall

- Miroslav Novák, President of the Moravian-Silesian Region
- Josef Srovnal, University Hospital Ostrava
- Petr Očko, Chairperson of the Technology Agency of the Czech Republic

### **1a - Perspectives in biotechnology at Fraunhofer (Germany)**

08:45 — 09:15, Conference Hall

— Hagen von Briesen, Fraunhofer Institute for Biomedical Engineering, Germany

## **1b - Estonian biotechnology sector**

09:15 — 09:45, Conference Hall

— Sven Parkel, University of Tartu, Technology Transfer Unit, Estonia

## **COFFEE BREAK**

09:45 — 10:00, Conference Hall / Foyer

## **2a - Development of Biotechnology in Moravian-Silesian Region**

10:00 — 10:10, Conference Hall

— David Pawera, Regional Development Agency, Czech Republic

## **2b - Biosensors and Medical Devices Development at VSB – Technical University of Ostrava**

10:10 — 10:20, Conference Hall

— Martin Černý, Technical University of Ostrava, Department of Cybernetics and Biomedical Engineering

## **2c - The Use of Digital Technologies in Plastic Surgery**

10:20 — 10:30, Conference Hall

— Martin Paciorek, Marek Bortlíček, University Hospital Ostrava, Czech Republic

## **2d - Biosignal analysis with machine learning on embedded platforms and sensors**

10:30 — 10:40, Conference Hall

— Lukáš Satin, Libor Míček, NANOTRIK, Czech Republic

## **2e - Imaging data processing in Medicine**

10:40 — 10:50, Conference Hall

— Tomáš Karásek, Technical University of Ostrava, IT4Innovations, Czech Republic

## **2f - Selected results from biomonitoring studies**

10:50 — 11:00, Conference Hall

- Romana Kurková, E&H services, a.s., Czech Republic

- Grzegorz Dziubanek, Katedra Zdrowia Środowiskowego Śląski Uniwersytet Medyczny w Katowicach, Poland

### **3a - Biotechnology Research and Clinical Application**

11:00 — 11:15, Conference Hall

— Václav Procházka, University Hospital Ostrava, Czech Republic

### **3b - Biobanking**

11:15 — 11:30, Conference Hall

— Roman Hájek, Petra Vrublová, University Hospital Ostrava & Faculty of Medicine-  
University of Ostrava

### **3c - Sample pre-processing for high-throughput “omics”**

11:30 — 11:45, Conference Hall

— Fedor Kryukov, University Hospital Ostrava, Czech Republic

### **3d - Biochips: Future of Medicine**

11:45 — 12:00, Conference Hall

— Jan Petr, Regional Centre of Advanced Technologies and Materials, Czech  
Republic

### **3e - New methods of data analysis in clinical studies**

12:00 — 12:15, Conference Hall

— Lubomír Pavliska, University Hospital Ostrava, Czech Republic

### **LUNCH**

12:15 — 13:00, Lounge bar / Conference Hall

### **4a - Collaborations as part of a Regenerative Medicine Business Model**

13:00 — 13:30, Conference Hall

— Henk Snyman, Cook Regentec, Indianapolis, Indiana, USA

### **4b - Patenting Biotechnology Inventions**

13:30 — 14:00, Conference Hall

— J. Patrick Finn III, Fish & Richardson P.C., USA (Minnesota)

### **5a - Motion analysis and signals muscles of the upper extremities, data processing and analysis**

14:00 — 14:15, Conference Hall

— Lukáš Satin, Libor Míček, REHAB+, Czech Republic

## **5b - Application of Direct Digital Manufacturing in Prosthetics&Orthotics and Related Medical Areas**

14:15 — 14:30, Conference Hall

— Jiří Rosický, Invent Medical Group, s.r.o., Czech Republic

## **COFFEE BREAK**

14:30 — 14:45, Conference Hall / Foyer

## **6a - The role of translational research in development and clinical introduction of novel regenerative therapies**

14:45 — 15:00, Conference Hall

— Piotr P. Buszman, American Heart of Poland, Poland

## **6b - Transfer of new products in regenerative medicine to practice in biotech park 4MEDI**

15:00 — 15:15, Conference Hall

— Jakub Schůrek, 4MEDI - Biotech Business Park for Medical Innovations, Czech Republic

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## **6c - Regenerative Medicine in Cardiovascular Diseases – Research and Clinical Application: Coordination in Bratislava Region**

15:15 — 15:30, Conference Hall

— Ján Kyselovič, Department of Pharmacology and Toxicology, Comenius University in Bratislava, Slovak

## **7a - Commercial Drug Discovery and Development Through Government-Funded Industry/Academic Partnerships**

15:30 — 15:45, Conference Hall

— Brian H. Johnstone, NeuroF<sub>x</sub>, USA (Indiana)

## **7b - Adipose derived stem cells based regenerative therapy in Wrocław (current state and future prospects)**

15:45 — 16:00, Conference Hall

— Leszek Maślowski, Anna Czarnecka, Wojewódzki Szpital Specjalistyczny we Wrocławiu, Poland

## **CONCLUSION / DISCUSSION**

16:00 — 16:30