

## Winter School „Animal Biotechnology 2020“

### Plenary session

#### **Prof. Jan Motlik**

*The Czech Academy of Sciences, Institute of Animal Physiology and Genetics, Libechev, Czech Republic*

**"Unique Role of the Large Animal Models in Biomedical Research"**

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#### **Prof. Eckhard Wolf**

*Gene Center and Department of Biochemistry, Molecular Animal Breeding and Biotechnology  
Ludwig-Maximilians-Universität München, Germany*

**„Genetically tailored pigs as disease models and organ donors for xenotransplantation“**

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#### **Dr. Jolanta Opiela**

*National Research Institute of Animal Production, Department of Reproductive Biotechnology and  
Cryoconservation, Balice, Poland*

**“Application of porcine mesenchymal stem cells to biotechnological research”**

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#### **Prof. Jozef Laurincik**

*Constantine the Philosopher University, Faculty of Nature Science, Nitra, Slovak Republic*

**„Can we improve the quality of the oocytes with help of nucleolotransfer?“**

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#### **Prof. Andras Dinneys:**

*BioTalentum Ltd., Godollo, Hungary*

**„Progress in regenerative medicine using biotechnological methods for porcine islet and human beta-cell generation to treat Type-1 diabetes“**

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#### **Prof. Marcela Capcarova**

*Slovak University of Agriculture, Faculty of Biotechnology and Food Science, Nitra, Slovak Republic*

**„The use of Zucker diabetic fatty rats as animal model in diabetes research“**

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