

**Institute of Farm Animal Genetics
(Federal Research Center of Germany FLI)**

**Russian Research Institute of Farm Animal Genetics and Breeding - Branch
of the L.K. Ernst Federal Science Center for Animal Husbandry**

**International scientific-practical seminar
EDITING GENOMES OF FARM ANIMALS**

**10 – 11 April 2018
Neustadt, Germany**

Program:

Heiner Niemann

Doctor of veterinary science, Professor, director of the Institute of Farm Animal Genetics (Federal Research Center of Germany FLI), head of the department of biotechnology

Editing the genome using CRISP / Cas9 technologies with improve the economic performance of agricultural of animals

Björn Petersen

Doctor of Veterinary Sciences, Professor, Federal Research Institute for Animal Health, Institute of Farm Animal Genetics (Federal Research Center of Germany FLI), Department of Biotechnology.

Opportunities and risks of editing the genome of agricultural of domestic animals

Kirill Plemjashov

Doctor of veterinary science, Professor, director of Russian Research Institute of Farm Animal Genetics and Breeding - Branch of the L.K. Ernst Federal Science Center for Animal Husbandry

On the directions of scientific work of the Institute

Tatiana Kuzmina

Doctor of biology science, Professor, head of the department of biotechnology, Russian Research Institute of Farm Animal Genetics and Breeding - Branch of the L.K. Ernst Federal Science Center for Animal Husbandry

Intrafollicular biomarkers of developmental competence of Bos Taurus and Sus Scrofa Domesticus oocytes

Larisa Kozikova

Doctor of biology science, Russian Research Institute of Farm Animal Genetics and Breeding - Branch of the L.K. Ernst Federal Science Center for Animal Husbandry, Department of Molecular Genetics

Change in the genome of transgenic farm animals

Anna Krutikova

Doctor of biology science, Russian Research Institute of Farm Animal Genetics and Breeding - Branch of the L.K. Ernst Federal Science Center for Animal Husbandry, Department of Molecular Genetics

Scientific directions of the laboratory of molecular genetics

Hendrik Sake

PhD student, Department of Biotechnology

Generation and testing of multi-transgenic pigs for xenotransplantation studies

Felix Schuster

PhD student, Department of Biotechnology

Generation of a polled phenotype in Holstein-Friesians and Brown Swiss using DNA-nucleases

Stefanie Kurtz

PhD student, Department of Biotechnology

Sexing in pigs by using Gene Editing

Organizing Committee of the Conference (RRIFAGB)

tel.: (812) 451-76-63, 451-65-19 (ext. 121);

Fax: 465-99-89

e-mail: spbvniigen@mail.ru

St. Petersburg - Pushkin, Moscow highway, 55 a