

**International scientific-practical conference**  
**“Agriculture and Food Security:**  
**Technology, Innovation, Markets, Human Resources”**

Dedicated to the 100th anniversary of agricultural science, education and  
enlightenment in the Middle Volga region

November 13-14, 2019, Kazan & Samara, Russia

From 13 to 14 November, International scientific and practical conference “Agriculture and food security: technologies, innovations, markets, human resources” was held, dedicated to the 100th anniversary of agricultural science, education and enlightenment in the Middle Volga region.

**Organizing Institutions**

- Kazan State Agrarian University
- Samara State Agrarian University
- Kazan State Academy of Veterinary Medicine named after N. E. Bauman

**In Cooperation with**

- Ministry of Agriculture and Food of the Republic of Tatarstan
- Ministry of Agriculture and Food of the Samara region
- Department of Agricultural Sciences of the Russian Academy of Sciences
- Ministry of Education and Science of the Samara region
- Ministry of Education and Science of the Republic of Tatarstan
- Academy of Sciences of the Republic of Tatarstan
- Samara Scientific Center of the Russian Academy of Sciences

**Associate International Partners:**

- FAO/Food and Agriculture Organization of the United Nations
- Yüzüncü Yıl University/University of VAN (Turkey)
- LOGO (Germany)
- AMAZONEN-WERKE H (Germany)

**Programme Committee**

**Chairman**

**Ayrat Rasimowicz Valiyev, Dr.,** Rector of the Kazan State Agrarian University

## **Cochairmans**

**Petrov Alexander Mikhaylovich**, PhD., prof., Rector of the Samara State Agrarian University

**Rustam Hametovich Ravilov**, Dr., prof, Rector of the Bauman Kazan State Academy of Veterinary Medicine

## **Regular Members**

**Dzhaudat Ibrahimovic Fayzrakhmanov**, Dr., prof., the academician of AS of RT

**Taylan Aksu**, Dr., Yüzüncü Yıl Universty, Faculty of Veterinary Medicine

**Nural Akchurin**, Ph.D. Experimental High Energy Physics, University of Iowa Department of Physics and Astronomy, Lubbock, USA

**Dirk Barnewitz**, PhD veterinary medicine, Research center for medical technology and biotechnology, Bad Langensalza, Germany

**Michel Pepin**, prof., PhD, VetAgro Sup

**Wim Heijman**, PhD Wilhelmus Johannes Netherlands  
Maria Heijman, Wageningen University,

**Beata Anna Kuczyńska**. Professor of Warsaw University of Life Sciences (WULS-SGGW), Faculty of Animal Sciences, Supervisor of research laboratory of milk, meat and food quality evaluation

**Paula Odete Fernandes**, PhD in Economics and Management and Professor of Management, Polytechnic Institute of Bragança. Scientific Coordinator of Applied Management Research Unit, Bragança, Portugal.

**Dieter Trautz**, Head of Departement Sustainable Agriculture, Faculty of Agricultural Sciences and Landscape Architecture, University of Applied Sciences Osnabrueck, Germany

**José Eduardo Fernandes**, Professor at the Informatics and Communications Department at the School of Technology and Management of IPB, Director of the Master in Information Systems, Braganza, Portugal.

**Francesco Danuso**, Associate Professor in the Department of agricultural, environmental and animal sciences, University of Udine, Italy.

**Hartwig Mennen**, LOGO, Germany

**Shukrullo Ubaydullayevich Yuldashev**, Dr., prof., full member of Academy of Sciences of the Republic of Uzbekistan, Uzbekistan

**Boris Pavlovich Boinchan**, Dr., prof., scientific research institute of field cultures "Selection", Belts, Republic of Moldova

**Baluash Bakishevich Traisov**, the academician of the Kazakhstan NAEN, KAZASKHN, Dr., prof., Kazakhstan agrarian and technical university of khan Zhangir ", Republic of Kazakhstan

**Altynay Burkhatovna Abuova**, Dr., prof., Kazakhstan agrarian and technical university of khan Zhangir, Republic of Kazakhstan

**Aimkul Serikbayevna Tenlibayeva**, Dr., Technology of livestock products, Southern Kazakhstan state university of M. Aueyzov, Republic of Kazakhstan

**Rostislav Grigoryevich Kuzmich**, Dr., prof., UO "Vitebsk State Academy of Veterinary Medicine of an Order of the Badge of Honour

**Asoyev Payshambi**, Dr., Institute of Veterinary science of Academy of agricultural sciences of Tajikistan. Republic of Tajikistan, Dushanbe

**Victor Buksman**, PhD., Dreyer GmbH & Co. KG, Germany, Dr.-Ing. Viktor Buxmann

**Eldar Alikramovich Kurbanov**, Dr., prof., Volga region state technological university.

**Nazib. Kayumovich Mazitov**, Dr., prof., the corresponding member of RAS, FGBNU the Tatar research institute of agriculture of the Russian Agricultural Academy

**Firuza Yusufovna Nasirova**, Dr., prof., the corresponding member of Tajikistan academy of scienc, Institute of botany, physiology of plants and genetics

## **Organizing Committee**

### **Chairman**

**Ayrat Rasimowicz Valiyev**, Dr., Rector of the Kazan State Agrarian University

### **Cochairmans**

**Petrov Alexander Mikhaylovich**, PhD., prof. Rector of the Samara State Agrarian University

**Rustam Hametovich Ravilov**, Dr., prof., Rector of the Bauman Kazan State Academy of Veterinary Medicine

### **Secretary**

**Shaydullin Radik Rafailovich**, Dr., prof., Kazan State Agrarian University

### **Regular Members**

**Bulat Gusmanovich Ziganshin**, Dr., prof., Kazan State Agrarian University

**Rustam Mingazizovich Nizamov**, Dr., ass. prof., Kazan State Agrarian University

**Takhir Munavirovich Akhmetov**, Dr., prof., Bauman Kazan State Academy of Veterinary Medicine

**Alexey Vasilyevich Vasin**, Dr., prof., Samara State Agrarian University

**Alexey Zinovievich Brumin**, PhD, Vice-rector for development of Samara SAU.

**Ali Kharisovich Volkov**, Dr., Professor, Vice-rector in education and moral building of the Kazan SAVM of N.E. Bauman.

**Igor Mikhilovich Serzhanov**, Dr., prof., Kazan State Agrarian University

**Radik Ilyasovich Safin**, Dr., prof., Samara State Agrarian University

**Minegali Yusupovich Gilyazov**, Dr., prof., Kazan State Agrarian University

**Nabiyevich Safiollin Faik**, Dr., prof., Kazan State Agrarian University

**Marat Fuatovich Amirov**, Dr., prof., Kazan State Agrarian University

**Rogat Vagizovich Minikayev**, PhD, ass. prof., Kazan State Agrarian University

**Fatih Saubanovich Sibagatullin**, Dr., Professor of the Department of Biotechnology, animal husbandry and chemistry of Kazan SAU

**Sergey Mirbatovich Yakhin**, Dr., professor Director, Institute of mechanization and technical service of the Kazan State Agrarian University

**Said Nasibullovich Sharifullin**, Dr., prof., Kazan State Agrarian University

**Haris Gaynutdinovich Musin**, Dr., corresponding member of AN of RT, prof., Kazan State Agrarian University

**Vasily Grigoryevich Vasin**, Dr., prof., academician of MAAO, Samara State Agrarian University

**Sergey Nikolaevich Shevchenko**, Dr., prof., corresponding member of RAS, Samara State Agrarian University

**Vladimir Grigoryevich Kaplin**, Dr., prof., Kazan State Agrarian University

**Hamidulla Baltukhanovich Baymishev**, Dr., prof., Kazan State Agrarian University

**Vladimir Vladimirovich Zaytsev**, Dr., prof., Kazan State Agrarian University

**Sergey Nikolaevich Zudilin**, Dr., professor, the dean of agronomical faculty of the Samara State Agrarian University

**Oksana Vladimirovna Mamay**, Dr., professor, meritorious educator of the Russian Federation, dean of economics department of the Samara State Agrarian University

**Vladimir Aleksandrovich Milyutkin**, meritorious scientist of the Russian Federation, meritorious educator of the Russian Federation, professor of the Samara State Agrarian University

**Ismagil Nasibullovich Hakimov**, Dr., professor of the Samara State Agrarian University

**Sergey Vladimirovich Karamayev**, Dr., professor, meritorious educator of the Russian Federation, head of zootechnics department, Samara State Agrarian University

**Alexey Vladimirovich Savinkov**, Dr., professor, head of the veterinary department, Samara State Agrarian University

**Vladimir Oktyabrevich Sokolov**, Dr., Samara scientific center RAS

**Danil Nailevich Mingaleev**, Dr., associate Professor, Dean of faculty of veterinary medicine of Kazan State Academy of Veterinary Medicine named after N. E. Bauman

**Ramil Nailevich Fayzrakhmanov**, Dr., associate Professor, Dean of the faculty of biotechnology and standardization of Kazan State Academy of Veterinary Medicine named after N. E. Bauman

**Lyudmila Yurevna Pukhacheva**, PhD., ass. prof., Kazan State Agrarian University

**Ayrat Tagirzyanovich Sabirov**, Dr., Kazan State Agrarian University

**Marat Mingaliyevich Nizamutdinov**, PhD., ass. prof., Kazan State Agrarian University

**Guzaliya Salikhovna Klychova, Dr., prof., Kazan State Agrarian University**

**Farid Nurgaliyevich Mukhametgaliyev, Dr., prof., Kazan State Agrarian University**

**Mirsharip Hasanovich Gazetdinov, Dr., prof., Kazan State Agrarian University**

**Farida Tansykovna Nezhmetdinova, PhD., Kazan State Agrarian University**

**Almaz Albertovich Nigmatzyanov, Kazan State Agrarian University**