

## Ivanistau Aliaksandr

**Title:** Associate Professor

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- **Education Background:**

2011 *D.A.S.* Belorussian State Agricultural Academy, Gorky, Belarus;

2003 *B.A.* Belorussian State Agricultural Academy, Gorky, Belarus.

- **Working Experiences:**

2017-present *Head of scientific research department*, Belorussian State Agricultural Academy;

2013-2017 *Associate professor* of the Department of Agricultural Biotechnology and Ecology, Belorussian State Agricultural Academy;

2011-2013 Senior teacher of the Department of Agricultural Biotechnology and Ecology, Belorussian State Agricultural Academy;

2008-2011 Assistant of the Department of Agricultural Biotechnology and Ecology, Belorussian State Agricultural Academy;

2005-2008 graduate student Belorussian State Agricultural Academy;

2003-2005 Chief agronomist of SPK "Zvezda-Agro".

- **Research Interests:**

Selection of triticale and wheat. Agrochemistry.

- **Professional Activities:**

Author of more than 90 publications, including 16 educational and methodological publications, 1 textbook, 1 workshop, 2 courses of lectures, 68 scientific publications, 1 monograph.

# **Innovative solutions in agrarian science on the example of "Belarusian State Orders of the October Revolution and Labor Red Banner Agricultural Academy"**

**Abstract:** Academy scientists conduct scientific research in a variety of fields ranging from the concept of economic development of the agro-industrial complex to the development and implementation of innovative technologies for farming and animal husbandry.

The research results of the scientists of the academy are implemented in the form of new types of scientific and technical products, and are also used in the educational process. Over the past 5 years, 179 innovations have been created, including 50 varieties and hybrids, 1 veterinary preparation; 20 new components; 3 technical developments; 93 recommendations for industries; 12 technologies.

Currently, the Academy has at its disposal two accredited research laboratories, a biotechnological laboratory for plant growing, an educational and scientific center "Experimental fields of the Belarusian State Agricultural Academy", etc., which are equipped with modern instruments, equipment and technology, which allows them to carry out scientific research on the proper theoretical and methodological level.

A great role in the transition to innovative technologies belongs to technoparks. In 2017, the only scientific and technological park was created in the system of the Ministry of Agriculture and Food of the Republic of Belarus, which is a platform for promoting agricultural science-intensive developments focused on the integration of the intellectual potential of agricultural science and the creation of conditions for the promotion of modern scientific ideas, technologies, management methods in the agro-industrial sector of Belarus and the Eurasian Economic Union. Technopark "Gorki" supports and interacts with startups, businesses, scientists and investors connected with the agricultural production and services.

"Technopark Gorki" is engaged in agricultural scientific developments and the dissemination of advanced technologies - this is precision farming, the use of drones for fertilization and plant protection products, smart technologies and the Internet of things. It also supports the development of young scientists of the BSAA. Scientists and students of the academy take part in the activities of the technopark, which allows creating an industrial cluster in the field of agricultural biotechnologies and green economy. In fact, the technopark is an intermediate link between producers of modern unique agricultural products and end consumers, that is agricultural producers.