



Zhumalin Aibek

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SCIENTIFIC QUALIFICATION

Academic degree

2013: *Master of Agricultural Sciences*

Research area: *cellular and molecular biotechnology, agricultural biotechnology, development of diagnostic tests (ELISA, PCR)*

SCIENTIFIC DIRECTION

Participation in the implementation of research within the framework of the state order:

1. **AP13067944** Molecular SNP-marking of bread wheat by genes TaGW, TaGS and Rht for grain weight and lodging resistance. (2022-2024)
2. **API4870972** Development of enzyme immunoassay based on recombinant *Trichinella* spp antigen. (2022-2024)
3. **BR10765056** «Creation of highly productive varieties and hybrids of grain crops based on the achievements of biotechnology, genetics, physiology, biochemistry of plants for their sustainable production in various soil and climatic zones of Kazakhstan» (2021-2023)
4. **BR10764944** Development of analytical control methods and monitoring of food safety (2021-2023)

НАУЧНЫЕ ДОСТИЖЕНИЯ

H-Index - 3

Publications in Web of Science, Scopus – 8;

Publications in RSCI – 2;

Publications in CQASEM – 15;

Methodological recommendations – 1.

Patents and copyright certificates – 8 (Breeding achievement – 2, patents for inventions – 6).