



Aidar Spanbayev
Associate Professor

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Scientific degree, scientific school:

Ph.D. in biology, L.N. Gumilyov, Eurasian National University.
2016 – Associate Professor, specialty “Biology”.

Scientific interests:

Micology, fitopathology, botany, protection and quarantine of plants.

Grants:

Responsible performer of the MES of the RK projects:
2015-2017, The study of pathogenic fungal diseases of tree and shrub plantings in Astana using geographic information technologies
2012-2014, “Fungi diseases of wooden-shrubby plantings and working out of measures of struggle against the most harmful kinds of phytopathogenic fungi of Astana city”
2009-2011 "Creating a collection and development of technology for introduction to the culture of high yielding natural strains of edible mushrooms of Kazakhstan".

Patents:

1. “Installation for carrying out the process of dripping phospholipid emulsion of vegetable oils”.
2. “Mass transfer ultrasonic device for laboratory research”
3. “Rotational film device”
4. Device for biological control of plant diseases using bees as an entomovector

Delivered courses: Biology of individual development (B).
Reproduction of plants (B). Genes and genomes (B).
Phytopathology (B).

Publications (selected):

First Report of Preharvest Fruit Rot of Strawberry Caused by *Botrytis cinerea* in Kazakhstan. *Plant Dis.* Vol. 105 (1). Jan. – 2021 <https://doi.org/10.1094/PDIS-03-20-0525-PDN>

Fungal pathogens of shrubs in industrial cities. *J Plant Dis Prot.* 125:83–88. – 2018 <https://doi.org/10.1007/s41348-017-0094-8>.

Cytospora Cankers on Tree Plants in Urban Areas (Karaganda, Astana, Pavlodar) of Central and Northern Kazakhstan // *Ecology.* Vol. 27, Issue 106. – P.83-88. – 2018.

First Report of *Nigrospora oryzae* on Wheat in Kazakhstan. *Plant Disease.* - T. 100, № 4. – C. 861. – 2016 <https://doi.org/10.1094/PDIS-08-15-0915-PDN>

Influence of heavy metals on anatomic structure of leaves of the juniper. *Science and world* № 1 (5), P.55-58. – 2014

First report of *Cytospora rosarum* on *Rosa canina* in Turkey. *Journal of Plant Pathology.* №4, P.33. – 2011

First report of *Truncatella angustata* causing leaf spot on *Rosa canina* in Kazakhstan. *Australasian Plant Pathology Society.* №4, P.44-45. – 2009

Professional experience:

2004 – till present – Associate Professor, Department of General Biology and Genomics, L.N. Gumilyov Eurasian National University

Awards:

2021 - Certificate of completing the course «Distance learning application of digital technologies in the leading educational institutions of Europe»

2015 - Certificate of completion of advanced training courses "ENVI", SOVZOND Moscow, Russia.

2013 – Certificate of completing the course “Basic principles for university pedagogy” in The Universitat Politècnica de València

2013 – Certificate about completing the qualification upgrade of pedagogical teachers, National Center of the Qualification Upgrade “Orleu”