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Academic degree and title (KKSON, HAC), scientific school:

1992 Candidate of Biological Sciences,

Specialty 030007 – Microbiology.

1999 – Doctor of Biological Sciences,

Specialty 030007 – Microbiology.

Title:

Associate Professor, DC № 0004728. 17.04.2002

Professor, PR No. 0003193. 29.05.2003

Scientific School:

Academician of the National Academy of Sciences of the Republic of Kazakhstan,
prof. A.N.Ilyaletdinova. Direction - ecology of microorganisms

General work activity – 44 years.

Professional activity – 34 years.

Scientific interests:

Ecology of microorganisms, ecological biotechnology, biotechnology
microorganisms, bioindication, agricultural microbiology

Scientific grants (for the last 5 years, participation in the implementation of
scientific projects):

1. Grant of the KN MONT RK for 2015-2017: «Разработка экологической биотех- нологии применения альгофлоры в очистке водоемов, загрязненных различ- ными поллютантами» (State registration no. 0118RK00912) - Scientific supervisor;
2. Grant of the KN of the Ministry of Education and Science of the Republic of Kazakhstan for 2018-2020: «Технология получения штаммов активных микроорганизмов продуцентов биопрепарата альтернативного антибиотикам для лечения и профилактики бактериоза у рыб» (State registration no. 0115RK02908) - Scientific Supervisor;
3. «Изучение биотехнологического потенциала фосфатмобилизирующих бактерий для обработки почвы и повышения урожайности зерновых культур». World Bank Grant, 2010-2012 - Research Supervisor;
1. 4. «Разработка ростостимулирующих добавок на основе биологического синтеза для кормов промысловых и ценных рыб товарного производства» MIR NATR, 2011-2012 - Scientific Supervisor.

Professional experience:

1992-1994 Sci.Employee of the IB of the National Academy of Sciences of the Republic of Kazakhstan, Almaty; 1994-1997. Senior Researcher named after V.; 1997 - 2000. Associate Professor, Professor of the Department of Ecology of KazNAU; 2000 -2004 Professor, Head of the Department of Biology and Ecology of the L.N.Gumilev ENU; 2004-2006. Head of the Department of Biology of the Moscow State Technical University named after H.A.Yassau, Turkestan; 2006-2007. Deputy Director, Acting Director named after the Ministry of Education and Science of the Republic of Kazakhstan, Almaty; 2007-2010 Director of the DGP "Republican collection of microorganisms" KN MES RK; 2010-2012 Dean of the Faculty of the Kazakh University of Technology

Courses taught:

Introduction to the specialty, methods of scientific research, environmental education and outlook, technology of solid and municipal waste processing, biodiversity of biocenoses.

Author's courses:

Introduction to the specialty, methods of scientific research.

- Publications** (favorites, in chrome. starting from the last 2016) 1.A.Abzhalelov et al. Investigation of Acid and Bile Tolerance, Antimicrobial Activity and Antibiotic Resistance of Lactobacillus Strains Isolated from Kazakh Dairy Foods// Asian Journal of Applied Sciences, 2016.9 (4) - P.143-158.
2. A.Abzhalelov et al. Screening of lactic acid bacteria for bacteriocin production, antagonism towards pathogens and biofilm-forming activity // European science review, 2016. No.11-12.-P.16-20.
 3. A.Abzhalelov et al. Characterization of Probiotic Strains of Lactobacillus Candidates for Development of Synbiotic Product for Kazakh Population // Journal of Pure and Applied Microbiology, 2017. Vol.11. No. 1 - P. 151-161.
 4. A.Abzhalelov et al. The effect of stress on the properties of lactobacilli // Novos-ti nauki Kazakstan. 2017. No. 2 (132). – pp. 42-78.
 5. A.Abzhalelov et al. Analysis of the production of a combined preparation based on lactic acid bacteria and plant extracts // Bulletin of the L.N.Gumilev Eurasian National University" - 2017. - № 4 (119) – Pp. 302-306.
 6. A.Abzhalelov et al. Assessment of acute toxicity of the biopreparation "Micro-fit" // Bulletin of the L.N.Gumilyov Eurasian National University" - 2017.-№ 6 (121), - P.236 - 243.
 7. Abzhalelov A.B., Tekebayeva Zh.B., Aituganov K.A.The role of algoflora in the purification of polluted reservoirs various pollutants // Astana, Publishing house MASTER PO, 2017, - 85 p.
 8. Abzhalelov A.B., Tekebayeva Zh.B. Investigation of algae indicators in the assessment of pollution of reservoirs of northern Kazakhstan // Bulletin of KazNU. Ser. ecological, 2018. № 1. (54). - Pp. 49-60.
 9. Abzhalelov A.B., Tekebaeva J.B. Accumulating properties of micro-algae Chlorellavulgaris and 2 and Parachlorellakessleri in 1 in relation to pollutants of various origin // Bulletin of KazNU. Ser. Biological, 2018. № 4 (77). - Pp. 107-115.
 10. Abzhalelov A.B. et al. To study the effectiveness of a probiotic on a model of

<p>and Business; 2012-2015 Vice-Rector for Science and Foreign Economic Relations; 2015-2019 General Director of RSE "Republican collection of microorganisms"; From 2019 to the present - Professor of the Department of Management and Engineering in the Field of Environmental Protection, Faculty of Natural Sciences, L.N.Gumilev ENU Awards: 2016 Medal "Kazakhstan Republikasy-nyn Tauelsizdigine 25 zhyl".</p> <p>Public works: Participated in the creation of the concept of environmental safety in the Republic of Kazakhstan for 2005-2015. In 2007-2010, he served as Chairman of the Dissertation Council D 53.47.05 for the defense of doctoral and candidate dissertations in the specialties: "microbiology". "biotechnology" and "pharmacology, clinical pathology" at the RSE "National Center of Biotechnology" KN MES RK. From 01.11.2019 Chairman of the dissertation council in the direction of preparation 8D052 "Ecology". Specialty 6D060800 - "Ecology" No.</p>	<p>bacterial disease of fry in laboratory conditions // Bulletin of the Astra-khan State Technical University. Series: Fish farming. 2019. No. 2. - pp. 14-20. 11. A.Abzhalelov et al. The Study Of Molecular Genetic Characteristics Of Lactic Acid Bacteria Isolates In Fish // 3rd International Conference "Smart Bio". – Kaunas, 02-04 May 2019 – 321 p. 12. A. Abzhalelov et al. Isolation and identification of new strains of lactic acid bacteria isolated from the microbiome of juvenile carp fish // Eurasian Journal of Applied Biotechnology. - No. 2, 2020. – p. 66-72. 13. Abzhalelov A.B. et al. Probiotics and their use in aquaculture// But- in the Science of Kazakhstan. – № 4 (147), 2020. – Pp. 175 – 190. 14. A. Abzhalelov et al. The effect of electromagnetic radiation from cell phones on animal behavior // Veterinary World, 13(3): 549-555. EISSN: 2231-0916 is available at www.veterinaryworld.org/Vol.13/March-2020/23.pdf 15. A. Abzhalelov et al. The study of the self-cleaning ability of reservoirs and watercourses of the Arshaly district of Akmola region // Journal of Environmental Management and Tourism, (Volume XI, autumn), 5 (45): - pp. 1095-1106. DOI https://doi.org/10.14505/jemt.v11.5(45).07. (51 percentile). 16. A. Abzhalelov et al. Ecological and economic aspects of differentiated application of glyphosate in Central Kazakhstan //Eurasian Journal of Biological Sciences, 2020 - Volume 14, Issue 1, pp. 843-850, e-ISSN 1307-9867. 17. A. Abzhalelov et al. Diversity and characteristics of lactic acid bacteria from the intestines of common carp in winter (Northern Kazakhstan) // Biological Journal of Tomsk State University, - 2020. No. 52. - pp.34-47. (IF-0,591), doi: 10.17223/19988591/52/2 . ISSN (print) 1998-8591.ISSN (online) 2311-2077</p>
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