Saule Akhmetova

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Scientific interests Immunology and Microbiology

Grants Innovative methods of treating diabetic osteoarthropathy in the development of biofilm communities by microorganisms.
(2013-2015, MES RK)

Study of the pharmacological activity of a new herbal remedy "Matripin-Dent" in the treatment of inflammatory periodontal diseases (preclinical study)

Scientific publications

Antiradical and Antimicrobial Activity of Thiosemicarbaside and 1,2,4-Triazole Derivatives of Hydroxybenzoic Acid Satpaeva, Z.B., Shulgau, Z.T., Akhmetova, S.B., ...Fazylov, S.D., Burkeev, M.Z. Russian Journal of Bioorganic Chemistry, 2020, 46(4), стр. 537–541

Synthesis, radical scavenging, and antimicrobial activities of core–shell Au/Ni microtubes Mashentseva, A.A., Ibragimova, M.A., Akhmetova, S.B., Kozlovskiy, A.L., Zdorovets, M.V., Amirkhanova, Z.T Chemical Papers Volume 74, Issue 7, 1 July 2020, Pages 2189-2199

The Kazakh national movement in Russia in the 21th century: Problems of institutionalization. Akhmetova, S., Ilina, A. Istoriya, 2019, 10(1)

Prevalence and experience of dental caries among 12- and 15-year-old adolescents in Central Kazakhstan Zharmagambetova, A., Tuleutayeva, S., Akhmetova, S., ...Gorbatova, M.A., Grjibovski, A.M. Public Health, 2017, 151, стр. 118–120

Synthesis of new hydrazones based on o- and phydroxybenzohydrazides
Nurkenov, O.A., Satpaeva, Z.B., Shchepetkin, I.A., Fazylov, S.D., Seilkhanov, T.M., Akhmetova, S.B. Russian Journal of General Chemistry,
Volume 87, Issue 8, 1 August 2017, Pages 17071710

MICROBIOLOGICAL ASPECTS OF THE ORTHODONTIC TREATMENT Zharmagambetova, A., Tuleutayeva, S., Akhmetova, S., Zharmagambetov, A. Georgian medical news, 2017, (264), стр. 39–43

Levels of cytokines in drug hypersensitivity Akhmaltdinova, L.L., Gazalieva, M.A., Akhmetova, S.B. Central European Journal of Immunology
Volume 42, Issue 4, 2017, Pages 354-357

Synthesis of Thiourea Derivatives of the Alkaloids Anabasine, Cytisine, and d-Pseudoephedrine. Crystal Structure of N-ethyl-N-Anabasinocarbothioamide
Nurkenov, O.A., Satpaeva, Z.B., Fazylov, S.D., Seilkhanov, T.M., Turdybekov, K.M., Turdybekov, D.M., Akhmetova, S.B., Makhmutova, A.S., Gazaliev, A.M. Chemistry of Natural Compounds,
Volume 52, Issue 2, 2016, Pages 276-279

Patents, certificates of intellectual property

1. Patent of the Republic of Kazakhstan No. 34162 dated 11.02.2020. Application of dry extract of common-leaved thyme (Thymus crebrifolius Klok.) As a broad spectrum antimicrobial agent. Akhmetalimova A.M. Bokaeva A.B. Ivasenko S.A. Akhmetova S.B. I.V. Loseva

2. Patent of the Republic of Kazakhstan No. 34245 dated March 26, 2020. A method of obtaining an ultrasonic

extract from creeping thyme (Thymus serpyllum L.s.l.), which has antibacterial action against Helicobacter pylori Orazbayeva P.Z. Shakarimova K.K. Ivasenko S.A. Akhmetova S.B. I.V. Loseva

3. Certificate of entering information into the State Register of Rights to Objects Protected by Copyright No. 8863 dated 17.03.2020. Study of the biochemical properties of Lactobacillus helveticus strains isolated in the Karaganda region for the construction of a consortium.
(a work of science). Amirkhanova Zh.T.
Akhmetova S.B., Kushugulova A.R.