Medicina

(in English)

Tuleutaev R.M., Urazbekov D.О., Ongarbayev K.O., Abzaliev K.B.,Rakishev B.A., Ibragimov T.Yu.,Imammurzayev U.I., Oshakbaev А, Reconstructive operations in aortic roof aneuryms with aortal insufficiency 5

Medicina

(in Russian)

Tuleutaev R.M., Urazbekov D.O., Ongarbayev K.O., Abzaliev K.B.,Rakishev B.A., Ibragimov T.Yu., Imammyrzayev U.I., Oshakbaev A.A. Reconstructive operations in aortic roof aneuryms with aortal insufficiency 20

Biology

(in English)

Ivashchenko A. T., Niyazova R. Ye., Atambayeva Sh.A., Pyrkova A. Yu., Aisina D.E*.,* Yurikova O.Yu., Kondybayeva A.,Akimniyazova A., Bayzhigitova D., Bolshoy A A. miRNA: achievements, misconceptions, perspectives 36

Glebova T.I., KlivleyevaN.G., Saktaganov N.T., Lukmanova G.V., Shamenova M.G., Sayatov M.H.,Ongarbayeva N.S., Kalkozhayeva M.K., Baimukhametova A.M., Amirasheva L.K. Co-circulation of influenza

A and В viruses among humans in the Aral region of the Republic of Kazakhstan during the 2015-2017 epidemic seasons 47

Chunetova Zh.Zh., Shulembaeva K.K., Abdeliyev B.Z. The genetic nature of mutational changes arising in the form-formation process of wheat 55

Tileules Zh.B., Hamdieva O.H., Zajpanova S.B., Kojshekenova G.A., Bekmanov B.O.Analysis ofmyocilin (k'lYOC) and neurotrophin 4 *(NTF4)* genes in patients with glaucoma in Kazakhstan 63

Koishybayeva S.K. State of natural feeding base of fish-breeding ponds by breeding of fmgerlingsof the pikeperch 69

Murzatayeva S.S., PeifilyevaA.V., Dzhantayeva K.B., Tuleukhanov S.T., Doskarayev B.M., Bekembetova R.A., Bekmanov B.O., Dzhansugurova L.B. Studying the lfDACE andR/X ACTN associations of polymorphism with the level of physical prepatibility of Kazakhstan's footballers for development of genetic and physiological methods

of sports selection 77

Nurzhanova A.A., Inelova Z.A., Djansugurova L.B., Nesterova S.G., Mit N.V., Zhubanova A.A., Zhapbasov R.Zh., Baizhanov M.Kh., Kapysheva U.N., Bakhtiyarova Sh.K., KhussainovaE.M., Cherednichenko O.G., Mussaveva A.S.,

Shadenova E.A., Bekmanov B.O.The problem of unutilized and banned pesticides in Kazakhstan (review) 86

Jiyenbekov A., Bigaliev A., Nurashov S., Sametova E. Biodiversity of diatoms algae of Alakol lake and its systematic s... 97

Zhaylybay K.N., Medeuova G.Zh, Nurmash N.K. Rice grain quality formation depending on the mineral fertilizers dosages 103

Tazitdinova R.AL, Beisenova R.R., Grigoryev A.I. Influence of chronic combined intoxication with zinc, copper and arsenic salts on the changes in hematologic blood indicators of rats 112

Korotetskiy I.S., Karipbaeva R.K., Shilov S. V. Modelling the probability of emergence of multiple drug resistance in influenza virus 119

Biology

(in Russian)

Glebova T.I., Klivleyeva N.G., Saktaganov N.Т., Lukmanova G.V., Shamenova *M.G.,* Sayatov M.H.,Ongarbayeva N.S., KalkozhayevaM.K., Baimukhametova AM*.,* Amirasheva L.K. Co-circulation of influenza A and В viruses among humans in the Aral region of the Republic of Kazakhstan during the 2015-2017 epidemic seasons 127

Koyshybayeva S.K. State of natural feeding base of fish-breeding ponds by breeding of fmgerlingsof the pikeperch 135