

CONTENTS

**Biochemistry**

<i>Adekenov S.M., Makubayeva A.I., Seidakhmetova R.B.</i> Component composition and biological activity of essential oil of <i>Artemisia transiliensis</i> Poljakov.....	5
--	---

**Microbiology**

<i>Korotetskiy I.S., Shilov S.V., Reva O.N., Kuznetsova T.V., Jumagaziyeva A.B., Akhmatullina N.B., Ilin A.I.</i> Gene expression profiling of multi-drug resistant <i>E. coli</i> after exposure by nanomolecular iodine-containing complex.....	10
---	----

**Plant physiology**

<i>Zhailybay K.N., Medeuova G.Z., Kaliyeva A.N.</i> Biomass accumulation by rice cultivars depending on heavy metals salts solutions concentration.....	19
---	----

**Genetics**

<i>Daurova A.K., Volkov D.V., Daurov D.L., Zhapar K.K., Shamekova M.Kh., Zhambakin K.Zh.</i> Mutagen EMS treatment of microspore-derived embryos for rapeseed breeding ( <i>Brassica napus</i> ).....	27
---	----

**Flora and fauna**

<i>Baizhunys M.ZH., Esenbekova P.A., Anarbekova G.D.</i> Wood hemiptera (Heteroptera) predators of Charynkiy SNNP (south-east Kazakhstan).....	38
--	----

<i>Gabdullin E.M., Kupriyanov A.N., Adekenov S.M.</i> <i>Artemisia</i> L. (Subgen. <i>Seriphidium</i> (Bess.) Peterm. in Kazakh upland.....	46
---	----

<i>Kenzhegaliyev A., Abilgaziyeva A.A., Shakhmanova A.K., Kanbetov A.Sh., Kulbatyrov D.K., Zaitsev V.F., Urazgaliyeva M.K.</i> The condition of hydrobiots near Kashagan field area.....	52
--	----

<i>Murzova T.V., Tazhibaevaya N.A.</i> Introduction of <i>Euphorbia</i> L. species at the institute of botany and phytointroduction in Almaty.....	62
--	----

**In memory of scientists**

<i>SAJATOV Marat Husainovich</i> .....	68
--	----