

Bagirov Vugar Aliniyaz Ogly

Born 08.21.1968 in Azerbaijan Republic. Graduated from Azerbaijan agricultural academy (1992). Doctor of biological sciences (PhD, DSc, 2005), corresponding member of the Russian Academy of Agricultural Science (2010). A prominent scientist in animal biotechnology, physiology and reproductive cryobiology. A combatant of the operation in the Republic of Afghanistan. Postgraduate student (1993-1996) and doctoral student (2002-2005) of the Russian Research Institute of Animal Production. Positions held: a researcher, a senior researcher at the Laboratory of Biotechnology (1997-1999), the scientific secretary (1999-2002) of All-Russian Research Institute of pig-breeding, since 2005 – Scientific Secretary of the Department of Animal Husbandry of the Russian Academy of Agricultural Science, at the same time the Head of Laboratory of Animal Reproductive Cryobiology, and at a later date also the Deputy Director for Science at All-Russian Research Institute of Animal Production.

He is the leader of the program and the principal investigator on conservation of biological diversity of animals, actively and directly involved in the research. For the first time he developed a number of important provisions, based on which a new technology was developed for cryopreservation of testicular and epididymal semen of animals, allowing to save the genetic resources of rare, unique and endangered species. He is the author of pig insemination technique, which allows to replicate the highly valuable genotypes. Due to his leadership and research activity, the Cryobank of genetic material was created, in which the semen, embryos and DNA of agricultural animals, auroch, yak, musk-ox, argali, bighorn sheep, saiga, ibex is deposited. This Cryobank is unique and has no analogues in the world.

Awarded medals «For Military Merit», «70 Years of the Armed Forces of the USSR», «From a grateful Afghan people to soldiers-internationalists», «Diploma of the Presidium of the Supreme Soviet for soldiers-internationalists» with the badge, three gold medals of All-Russian Exhibition Center.

He published more than 150 scientific papers, including 10 monographs and has five patents and copyright certificates on three breeding achievements.

Key publications:

Chromosomes of domesticated animals and their relatives /With P.M. Klenovitsky et al. Dubrovicy (Russia), 2002. - 44 p.

Gene maps of farm animals /With P.M. Klenovitsky et al. Dubrovicy (Russia), 2003 - 91 p.

Genetics and Biotechnology in animal breeding /With P.M. Klenovitsky et al. Moscow, 2004 - 285 p..

Modern Problems of Animal Science /With P.M. Klenovitsky et al. Dubrovicy (Russia), 2005 . -116 p.

Animal Cytogenetics /With P.M. Klenovitsky et al. Moscow, 2007 - 81 p.

National technology and the use of freezing semen of breeding bulls producers /With V.N. Vinogradov et al. Moscow, 2008. – 158 p.

Conservation and sustainable use of animal gene pool /With Sh. N. Nasibov et al. Doklady RASHN (Moscow), 2009, 2: 37-40.

Conservation and management of bighorn sheep gene pool /With Sh.N. Nasibov et al. Dostixheniya nauki I tekhniki APK (Moscow), 2010, 12: 63 -64.

Creating hybrids of domestic goat and ibex using cryopreserved epididymal semen /With B.S. Iolchiev et al. Problemy biologii produktivnykh zhivotnykh (Moscow), 2011, 1: 29-31.

Chromatin status as the index of spermatozoa valuable: the tests for estimation (review) /With V.P. Kononov et al. Sel'skokhozyaistvennaya biologiya [Agricultural Biology. Ser. Animal Biology], 2012, 2: 3-