



Fedorov Yuri N.

Born January 18, 1942 in the Tambov Region. Graduated from Omsk Veterinary Institute (1966) and Abakan Pedagogical Institute (1968). Doctor (PhD, DSc) of biological sciences (1985), professor (1989), corresponding member of the Russian Academy of Agricultural Sciences (1999). Prominent scientist in veterinary immunology and biotechnology. Postgraduate student (1968-1970), junior (1970-1974), senior (1974-1982) researcher, Head of Laboratory of Immunology (1982-2008) at Ya.R. Kovalenko All-Russian Research Institute of Experimental Veterinary Medicine. Deputy Director (2008 - 2010), since 2010 - Chief Scientist at the All-Russian Research and Technological Institute of Biological Industry.

Qualification: veterinary immunology and biotechnology.

The main research areas are related to the fundamental study of patterns and mechanisms of immunity formation during animal ontogenesis; the development and improvement of methods of immunoassay, the development of a new generation of diagnostics and vaccines, tools, test kits for immunological monitoring and diagnosis of immunodeficiency, for the evaluation of effectiveness of biological drugs and immunomodulators. Under his leadership, a new area is developing in veterinary immunology, the immunobiotechnology, which is based on the obtaining and use of poly- and monoclonal specific antibodies in diagnostic test systems and methods for assessing the immune status of animal populations. He is the founder of school of thought in veterinary immunology and biotechnology. Member of the Editorial Board in journals «Agricultural biology» («Sel'skokhozyaistvennaya biologiya»), «Veterinaruya», «Rossiyskiy veterinarniy zhurnal».

More than 300 scientific publications (partly abroad) (h = 5), including 5 monographs, 30 methodological and normative-technical documents; more than 25 patents for inventions.

Honored Scientist of the Russian Federation (1997). Awarded the medal «In memory of the 850th anniversary of Moscow» (1997).

Key publications:

Fundamentals of Immunology and immunopathology of dogs /With O.A. Verhovsky, I.V. Slugin. Moscow, 2000 - 241 p.

Handbook for treatment of dogs and cats with the description of medicines /With I.V. Sidorov et al. Moscow, 2001 – 575 p.

Infectious animal diseases during early postnatal period /With E.S. Voronin et al. Moscow, 2008 – 155 p.

Diagnostic algorithms in clinical veterinary immunology. In: Sci. basis for production of vet. biol. preparations. Schyolkovo (Russia), 2009: 111-117.

Immune deficiencies in cattle: characterization and algorithms of diagnostics and immunotherapy /With V.I. Klyukina. In: Sci. basis for production of vet. biol. preparations. Schyolkovo (Russia), 2009: 118-128.

Immunology. Vaccines and vaccination, state and future prospects in veterinary immunology /With V.P. Klyukina et al. In: The role of veterinary sciences in food security doctrine implementation in the Russian Federation. M., 2011: 195-196.