Zinovieva Natalia A.

Born June 8, 1970 in Moscow Region. Graduated from the Moscow Veterinary Academy (1992). Doctor (PhD, DSc) of biological sciences (1999), professor (2004), academician of the Russian Academy od Agricultural Science (2012), full member of the Russian Academy of Science. A prominent scientist in biotechnology and genetics of farm animals. An assistant professor at the Institute of Molecular Livestock of Ludwig-Maximilians University, Munich, Germany (1994-1996). Senior Researcher, Head of the Laboratory of molecular genetics and cytogenetics of animals , Deputy Head of the Center for Biotechnology and Molecular Diagnostics (1996-2006). Deputy Director for Research (2006-2011), since 2011 Director (and Head of the Center for Biotechnology and Molecular Diagnostics) of the All-Russian Research Institute of Animal Production.

Research was dedicated to the creating a line of transgenic pigs with reduced fat in the carcass and increased resistance to bacterial and viral infectious diseases; studying the influence of transgene integration on the hormonal status; studying the expression of recombinant genes in the transgenic farm animals; developing technology for creating somatic transgenic agricultural animals. In cell engineering the investigations were performed on identification, characterization and differentiation of animal stem cells as a promising object for cloning. Under her leadership and with the direct participation, the bank of the DNA of animal species from the Russian Federation has been organized, and molecular genetic methods were proposed for animal identification and evaluation of potential productivity traits.

Laureate of the State Prize of the Russian Federation for young scientists in science and technology (1999). In 1999-2002 and 2004-2006, awarded the Grant of the President of the Russian Federation to support the research of young doctors.

Published about 200 scientific papers, including 26 monographs (h = 10).

Key publications:
Transgenic animals and their possible use. Molecular genetic aspects of transgenesis in livestock /With L.K. Ernst, G. Brem. Moscow, 2001 - 127 p.

Current state and prospects for the use of transgenic technology in livestock /With L.K. Ernst, G. Brem. Moscow, 2002 - 341 p.

Introduction to molecular genetic diagnosis of farm animals /With E.A. Gladyr et al. Dubrovicy (Russia), 2002 - 112 p.

Entomological recycling organic wastes from pig and poultry farms and their utilization in agriculture /With L.K. Ernst et al. Dubrovicy (Russia), 2004 - 136 p.

Problems of biotechnology and breeding of farm animals /With L.K. Ernst. Dubrovicy (Russia), 2006 - 329 p.

Biological problems of livestock in XXI century /With L.K. Ernst. Dubrovicy (Russia), 2007 – 501 p.