



**SHEMYAKIN–OVCHINNIKOV INSTITUTE OF BIOORGANIC CHEMISTRY**  
*Russian Academy of Sciences*  
( IBCh RAS )

ul. Miklukho-Maklaya 16/10, Moscow, 117997 Russia

Phone: (495) 335-01-00, fax: (495) 335-08-12, E-mail: [office@ibch.ru](mailto:office@ibch.ru), [www.ibch.ru](http://www.ibch.ru)

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**Institutional Policy on the Use of Laboratory Animals**

**1. General provisions**

- 1.1. Institutional Policy on the Use of Laboratory Animals (hereinafter referred to as the Policy) of the Shemyakin–Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences (hereinafter referred to as IBCh RAS or Institute) determines the procedures for all kinds of work with laboratory animals (breeding, maintaining, use for scientific or educational purposes) in IBCh RAS.
- 1.2. Requirements and recommendations of the Policy are applicable to all departments of the Institute that work with laboratory animals.
- 1.3. The Policy obliges that the animals should be used according to the laws of the Russian Federation and the provisions of the European Convention on protection of vertebrate animals used for experimental and other scientific purposes (ETS №123 of March 18, 1986), which are described in section 2 of the Policy.

**2. Major provisions**

- 2.1. The core principle of the Policy is the humane treatment and rational use of animals.
- 2.2. All kinds of work with laboratory animals in the Institute are to be conducted according to the protocol–applications approved by the Institutional Animal Care and Use Committee (IACUC).
- 2.3. Animal use in experiments should be justified from the perspective of the experiment relevance to biomedical problems aimed at improvement of human or animal health, scientific progress, and social benefit.
- 2.4. Use of animals in experiments is permitted if there is no possibility to replace the animal experiment with methods involving no animals (for example, biological *in vitro* systems, mathematical modeling, and computer simulation).

