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НА ДОМ НЕ ВЫДАЕТСЯ

As a manuscript

Nawar

Sakr Nawar

**Development of gene therapy for congenital adrenal hyperplasia using
AAV vectors and CRISPR/Cas9-mediated genome editing**

Specialty: 1.5.3 – Molecular Biology

ABSTRACT

**of the dissertation for the Degree of Candidate
of Biological Sciences**

Moscow – 2025

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The dissertation was approved by the Federal State Autonomous Educational Institution for Higher Education «Moscow Physics and Technology Institute (National Research Institute)»

- Scientific supervisor:** **Volchkov Pavel Yurievich**, PhD, Executive Director of the Life Sciences Research Center of Moscow Institute of Physics and Technology
- Scientific consultant:** **Vorontsova Maria Vladimirovna**, PhD, Head of the Laboratory of Orphan Disease Therapy at Life Sciences Research Center of Moscow Institute of Physics and Technology
- Leading organization:** Federal Research and Clinical Center of Physical-Chemical Medicine. Federal Medical Biological Agency

The defense will take place **25.12.2025 at 13.00** at the meeting of the Dissertation Council ФЕМФ.1.5.3.14, based at Moscow Physics and Technology Institute (MIPT, Phystech).

Address: 14170, Moscow region, Dolgoprudny, Institutskiy pereulok, 9.

The text of the dissertation is available at MIPT's library or on the website of the Institute <https://mipt.ru>

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Scientific secretary of the Dissertation Council

На правах рукописи



Сакр Навар

**Разработка генной терапии врожденной дисфункции коры
надпочечников с использованием AAV-векторов и
CRISPR/Cas9-опосредованного редактирования генома**

Специальность: 1.5.3 – Молекулярная биология

АВТОРЕФЕРАТ

**диссертации на соискание ученой степени кандидата
биологических наук**

Москва – 2025