

Biography

Elena V. Gavrilova, PhD.

Dr Gavrilova is a member of the WHO Pandemic Influenza Preparedness (PIP) Framework Partnership Contribution Independent Technical Expert Mechanism (PCITEM) for 2026–2027, having served in 2024–2025.

From 2017 to 2023 Dr Gavrilova was Deputy Director General at the State Research Center of Virology and Biotechnology VECTOR (Novosibirsk). In 2021 she led the WHO Collaborating Centre for Studies on Influenza at the Animal–Human Interface, overseeing national influenza surveillance and engagement with GISRS.

At VECTOR she directed programmes that advanced vaccine and diagnostic development, coordinated pre-clinical and clinical studies, and established a sequencing centre capable of processing up to 250,000 samples per year. During the early COVID-19 response, she led teams that developed, registered, and manufactured RT-PCR assays deployed nationwide and supplied internationally.

Since 2024 Dr Gavrilova has served as Science Advisor to the Medico-Biological Union Group and Novosibirsk State University, steering NGS-based oncology diagnostics and microfluidic solutions and mentoring graduate students.

Her interests include molecular biology and virology, influenza surveillance, genomics and NGS technologies, and the development of diagnostic tests and vaccines. She is the author of over 100 publications, 14 patents and two monographs.

Dr Gavrilova holds an MSc in Molecular Biology (Novosibirsk State University), an MSc in Virology and a PhD in Biology (VECTOR), and an Executive MBA from the Stockholm School of Economics (2023).