



NATIONAL ACADEMY OF SCIENCES



**JOINT PROTOCOL OF THE U.S. NATIONAL ACADEMIES OF
SCIENCES, ENGINEERING, AND MEDICINE AND
THE RUSSIAN ACADEMY OF SCIENCES
ON
COOPERATION IN VARIOUS FIELDS OF STUDIES
CONCERNING COVID-19**

The global spread of COVID-19 threatens all people around the world, and requires joint actions of the entire international community. This global threat is having devastating impacts on the health, livelihoods and security of individuals and families. The coronavirus pandemic challenges national health systems, but also the research capabilities of scientific communities and their abilities to support medical practitioners, governments, and civil society with recommendations that can help fight this deadly virus. Effective response and future preparedness requires not only the efforts of national researchers, but also the highest levels of international scientific cooperation based on principles of openness and solidarity in various areas of research.

Building on the foundation provided by the Agreement on Cooperation between U.S. National Academies of Sciences, Engineering, and Medicine and the Russian Academy of Sciences (signed March 13, 2019), and the long-term tradition of cooperation between the academic communities of our countries, we emphasize our readiness for common efforts in uniting our knowledge and experience in combating the global coronavirus pandemic and its effects. We fully support the Joint Statement of G-Science Academies of Science and Medicine from across the globe and confirm our readiness to conduct cooperative actions on bilateral and multilateral levels.

We confirm our readiness to develop new forms of cooperation and dialogue between our Academies in various fields of studies concerning COVID-19 and its nature, methods of treatment and prevention, and assessments of its medical and social consequences. We believe in the significant potential of and the essential need for Russian-American scientific cooperation in such fields as:

1. Epidemiology, virology, and molecular biology studies of COVID-19 and its variants, its origins, genetics, and mutations.
2. Pathophysiological aspects of the coronavirus, methods of diagnostics, treatment, and prevention of this disease and its spread.
3. Mathematical and computer modeling of the global pandemic and its spread around the world.

4. Social, economic, and psychological effects of the pandemic and methods of assessing, mitigating and overcoming its negative effects, and interconnected emerging humanitarian risks and needs.
5. Strengthening global security from biological threats.

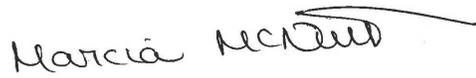
We have a shared belief in objective, evidence-based research and advice, and a shared belief that our joint actions in various branches of science should remain outside politics, consistent with the traditions of excellence in science, engineering, and medicine upheld by our academies. Cooperation in these areas will help bring together our academic communities, universities, and research institutions in these challenging times, and engender more trust and confidence between civil societies and governments of our countries in the interest of the global community.

President of the Russian Academy of
Sciences



Alexander Mikhailovich Sergeev

President of the National Academy of
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Marcia McNutt

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