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Indo-US teams pursue cutting-edge research to combat COVID-19

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Eight binational teams consisting of researchers from India and the US have received awards to pursue cutting-edge research in pathogenesis and disease management of COVID-19 through Indo-US virtual networks.

The areas of research they will pursue include antiviral coatings, immune modulation, tracking SARS CoV-2 in wastewater, disease detection mechanisms, reverse genetics strategies, and drug repurposing.

The Indo-US Science and Technology Forum (IUSSTF) announced the awards to eight binational teams, consisting of leading researchers from India and U.S for COVID-19 Indo-U.S. Virtual Networks in support of the efforts of the medical and scientific community to find solutions to the COVID 19 pandemic and emerging global challenges.

The IUSSTF is an autonomous bilateral organization jointly funded by the Governments of India and the US that promotes Science, Technology, Engineering and Innovation through substantive interaction among government, academia and industry. The Department of Science & Technology, Governments of India and the U.S. Department of States are respective nodal departments.

The eight teams are among the best few who had submitted proposals in response to an invitation of proposals to harness the combined expertise of the Indian and U.S. Science & Technology communities, facilitate partnerships between teams of Indian and U.S. scientists and engineers currently engaged in COVID-related research, and leverage existing infrastructure from both countries to further advance the research and accelerate progress.

The mission of the binational Indo-US Science and Technology Forum is to act as a catalyst to promote long-term scientific collaborations between India and the United States through partnerships amongst individual scientists, scientific institutions, and the scientific community at large.