

BRICS STI FRAMEWORK PROGRAMME
Call 2020: Response to COVID-19 global pandemic

List of successful projects

Nº	Registration number (BRICS2020-) and Acronym	Full Title	Country	PI	Organization	National funding organization
1	010 - COVID-AI	Multidisciplinary platform based on artificial intelligence for accelerating drug discovery and repurposing for COVID-19	BRAZIL	Carolina Horta Andrade	Federal University of Goias	CNPq
			RUSSIA	Vadim Makarov	Federal Research Center "Fundamentals of Biotechnology" RAS	RFBR
			SOUTH AFRICA	Kelly Chibale	University of Cape Town	SAMRC
2	027 - GSSEMMCP	Genomic sequencing of SARS-CoV-2 and studies on the epidemiology and mathematical modelling of the COVID-19 pandemic	BRAZIL	Marilda Mendonça Siqueira	Oswaldo Cruz Foundation, Brazilian MoH	CNPq
			RUSSIA	Ivan Sobolev	Federal Research Center of Fundamental and Translational Medicine	RFBR
			INDIA	Ch. Sasikala	JNT University Hyderabad	DST
			CHINA	Yuhua Xin	Institute of Microbiology, CAS	NSFC

3	033 - BRICSmart	BRICS-ICT Alliance for Smart Resource Utilization to Combat Global Pandemic Outbreaks	BRAZIL	Esther Luna Colombini	University of Campinas	CNPq
			RUSSIA	Vladimir Sudakov	Keldysh Institute of Applied Mathematics, RAS	RFBR
			SOUTH AFRICA	Hanlie Smuts	University of Pretoria	SAMRC
4	048 - MFQuantIC	Multi-level framework for quantitative analysis of COVID-19 Pandemic: mathematical modeling approaches	BRAZIL	Daniel Villela	Oswaldo Cruz Foundation	CNPq
			RUSSIA	Eduard Vladimirovich Karamov	National Medical Research Center of Phthiopulmonology and Infectious Diseases	RFBR
			CHINA	Jingyuan Wang	Beihang University, School of Computer Science	NSFC
5	049 - NGS-BRICS	SARS-CoV-2 Network for Genomic Surveillance in Brazil, Russia, India, China and South Africa	BRAZIL	Ana Tereza Ribeiro de Vasconcelos	National Laboratory for Scientific Computation - LNCC/MCTI	CNPq
			RUSSIA	Georgii Bazykin	Skolkovo Institute of Science and Technology	RFBR
			INDIA	Arindam Maitra	National Institute of Biomedical Genomics	DBT
			CHINA	Mingkun Li	Beijing Institute of Genomics, CAS	NSFC
			SOUTH AFRICA	Tulio de Oliveira	University of KwaZulu-Natal	SAMRC

6	051 - ABRICOT	Impact of COVID-19 on clinical manifestations, diagnosis, treatment outcome and immune response for pulmonary tuberculosis	BRAZIL	Valeria Cavalcanti Rolla	National Institute of Infectious Diseases Evandro Chagas, FIOCRUZ	CNPq
			INDIA	Subash Babu	National Institute for Research in Tuberculosis, ICMR	DBT
			SOUTH AFRICA	Bavesh Kana	University of the Witwatersrand	SAMRC
7	071 - RDCEEA-S-C-2NND	Research and development and clinical effect evaluation of anti-SARS-CoV-2 new nucleoside drugs	BRAZIL	Renato Martins da Silva	Galzu Institute for Research	CNPq
			RUSSIA	Mariia Sergeeva	Smorodintsev Research Institute of Influenza	RFBR
			CHINA	Jijie Chai	Tsinghua University	NSFC
8	085 - ChitoTarCoV	Chitosan-based carriers and targeted delivery systems for clinically approved/repurposed anti-SARS-CoV-2 drugs and disinfectants	BRAZIL	Thiago Moreno L. Souza	Center for Technological Development in Health, FIOCRUZ	CNPq
			RUSSIA	Andrey Vladimirovich Shibaev	Moscow State University	RFBR
			CHINA	Jun Liu	National Institution for Viral Disease Control and Prevention	NSFC
9	086 - MULTICON-19	COVID-19: Integrated multi-scale spread model and control strategies	BRAZIL	Elbert E. N. Macau	Federal University of Sao Paulo	CNPq
			RUSSIA	Mikhail Kirillin	Institute of Applied Physics RAS	RFBR
			CHINA	Ming Tang	East China Normal University	NSFC

10	101 - IMPAC19TB	Epidemiological impact and intersection of the COVID-19 and tuberculosis pandemics in Brazil, Russia, India and South Africa	BRAZIL	Anete Trajman	State University of Rio de Janeiro	CNPq
			RUSSIA	Yakov Sh. Schwartz	Novosibirsk Tuberculosis Research Institute	RFBR
			INDIA	Kuldeep S. Sachdeva	National TB Elimination Program	DBT
			SOUTH AFRICA	Anneke Hesselning	Desmond Tutu TB Centre	SAMRC
11	115 - BRICS/COVID-UFPB	Epidemiological features and geospatial evaluation of COVID-19: Correlation with comorbidities and prognostic biomarkers between SARS-CoV-2 and Mycobacterium tuberculosis	BRAZIL	Tatjana Keesen de Souza Lima	Federal University of Paraíba	CNPq
			INDIA	Sanghamitra Pati	ICMR-RMRC Bhubaneswar	DST
			SOUTH AFRICA	Uchechukwu Nwodo	University of Fort Hare	SAMRC
12	127 -	Repurposing of drugs and validation of lead compounds against main protease and RNA dependent RNA polymerase of SARS-CoV-2	BRAZIL	Lindomar Jose Pena	Centro de Pesquisas Aggeu Magalhães, FIOCRUZ	CNPq
			RUSSIA	Vladimir Potemkin	South Ural State University	RFBR
			INDIA	Dhruv Kumar	Amity University Uttar Pradesh	DST
			SOUTH AFRICA	Anil Chuturgoon	University of KwaZulu-Natal	SAMRC