

The COVID experience and impact on science in Brazil

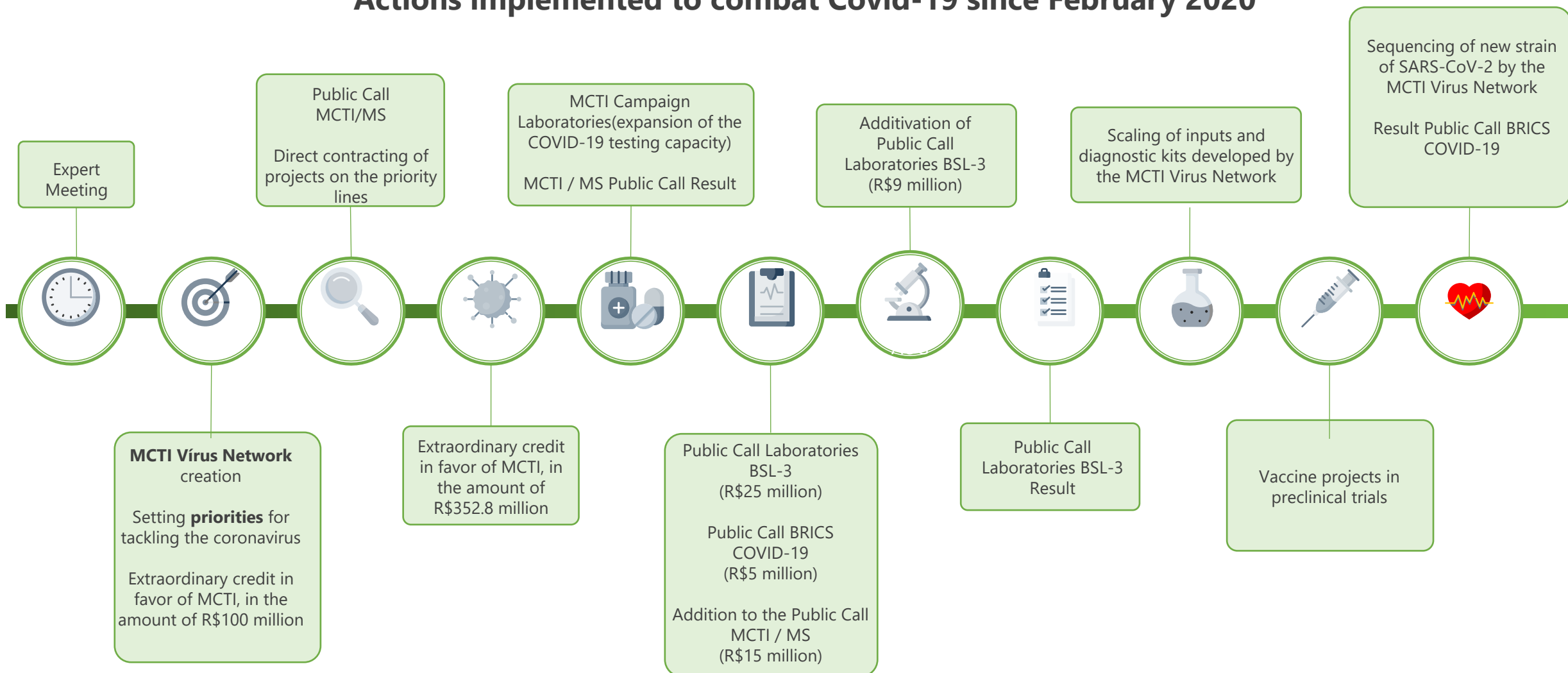
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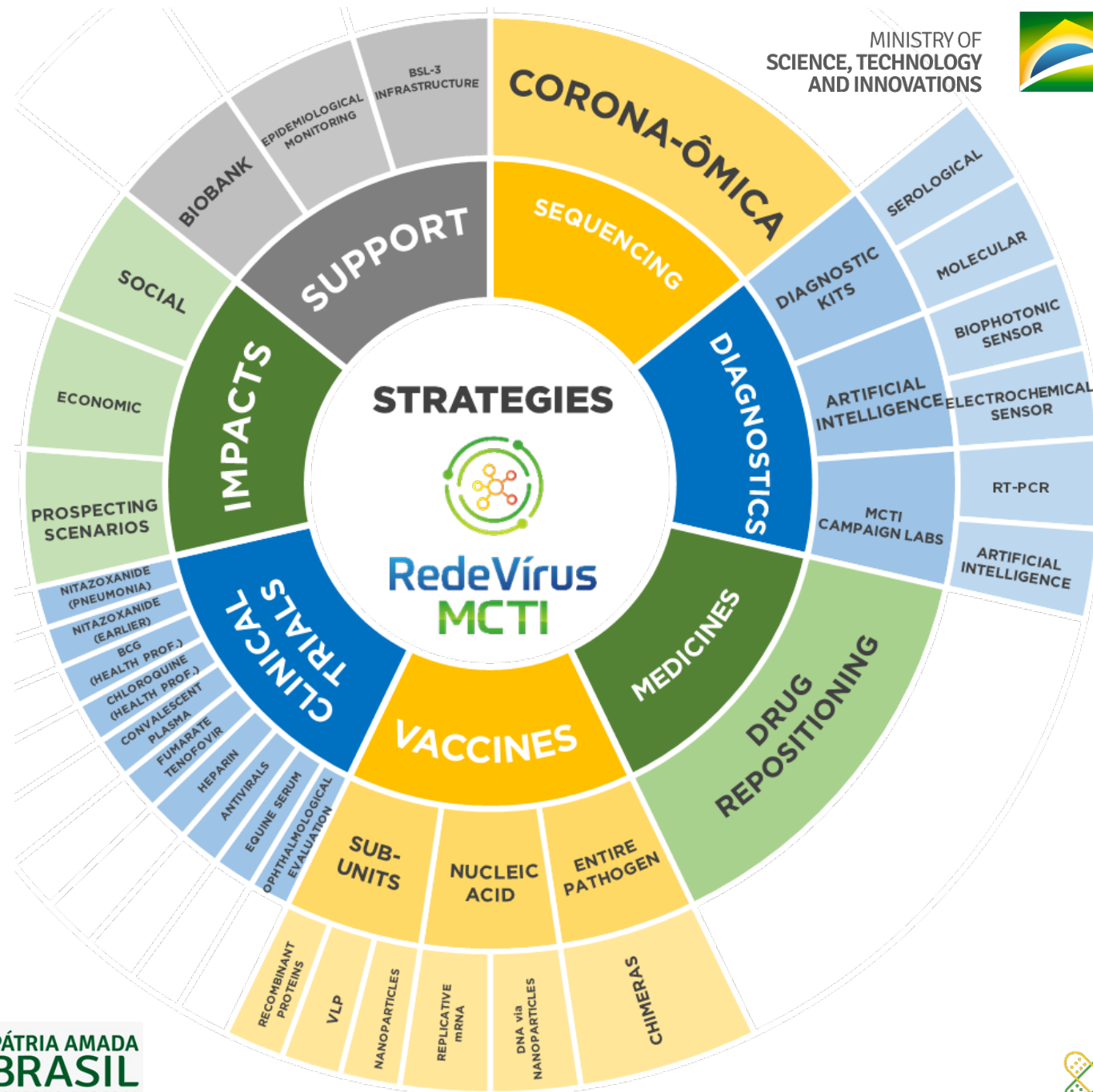
Brazilian National Council for
Scientific and Technological
Development - CNPq



Actions implemented to combat Covid-19 since February 2020



Strategies for RD&I actions to combat Covid-19



Direct contracting of projects in the priority areas defined by the MCTI Network Virus

- Large-scale sequencing of the virus circulating in the country
- Diagnostics
- Vaccines
- Biobank
- Impacts of COVID-19
- Clinical Trials - drug repositioning

Projects in the priority areas

Large-scale sequencing of the virus circulating in the country

- ✓ "Corona-ômica MCTI: National network of genomes, exome and transcriptome of COVID-19 to identify factors associated with the spread of the epidemic and severity"

Medicines

- ✓ "Drug Repositioning and Structural Biology of Sars-Cov-2"

Biobank

- ✓ "Structuring of the SARS-CoV-2 sample bank"

Impacts of COVID-19

- ✓ "COVID-19 in Brazil: analysis and response to the social impacts of the pandemic among health professionals and the population in isolation"
- ✓ "Immediate and long-term socio-economic impacts of Covid-19 in Brazil and its regions"

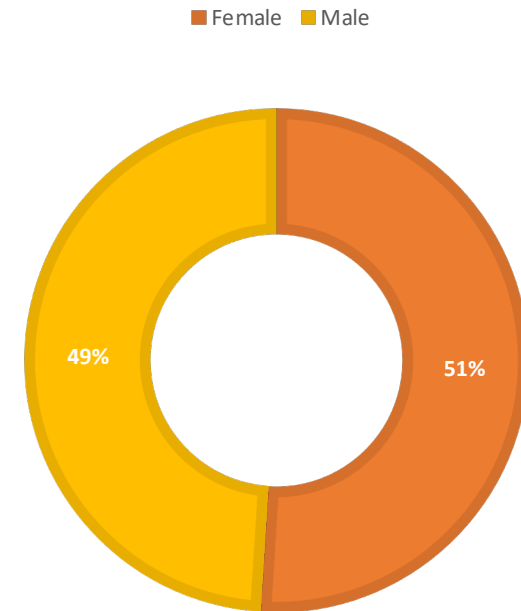
Covid-19 Calls implemented by CNPq:

**MCTIC/ CNPq / FNDCT / MS / SCTIE /
07/2020 COVID-19 Call:**

- Objective: To support research projects that aim to contribute significantly to scientific and technological development and innovation in the country, in the area of prevention, detection and combat to COVID-19 and other severe acute respiratory syndromes (Funding: approx. R\$ 65 million)

Gender Balance in approved projects

COORDINATORS OF APPORVED PROJECTS



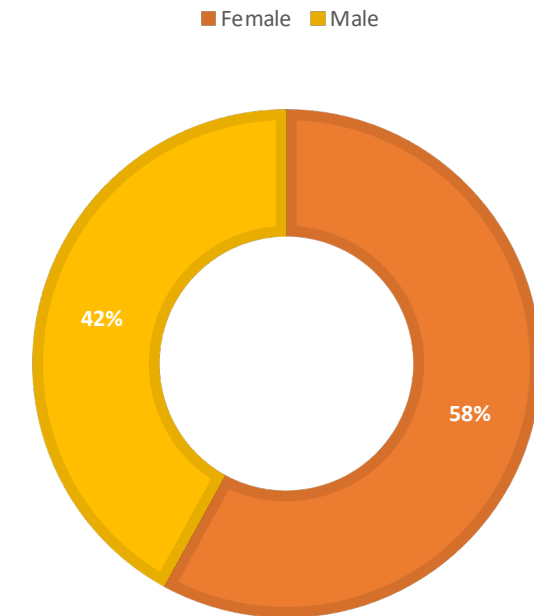
Covid-19 Calls implemented by CNPq:

4th BRICS-STI COVID-19 n° 19/2020 Call

- Objective: support joint Research, Development and Innovation projects for diagnostics, vaccines and medicines, genetic sequencing, studies on epidemiology, Artificial Intelligence, and High Performance Computing oriented towards research for new medicines, vaccine development, treatments, clinical tests and health systems and infrastructures, among others. 12 projects approved.

Gender Balance in approved projects

COORDINATORS OF APPORVED PROJECTS



Impacts on academic productivity during the pandemic

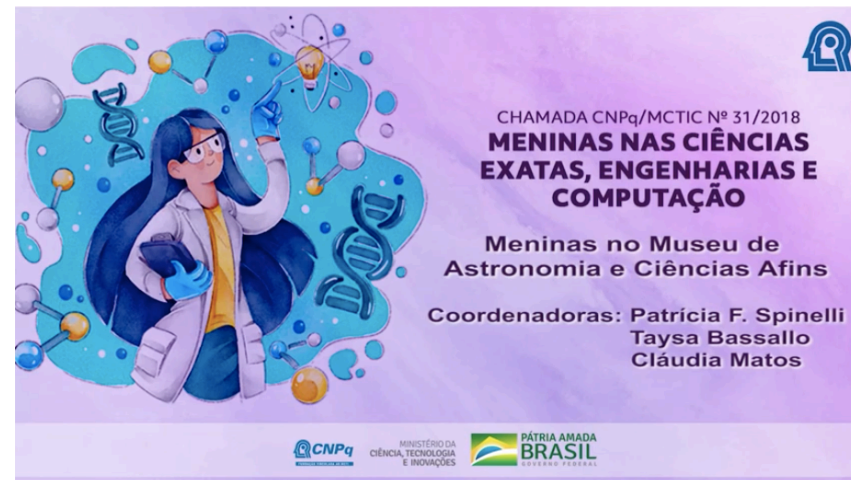
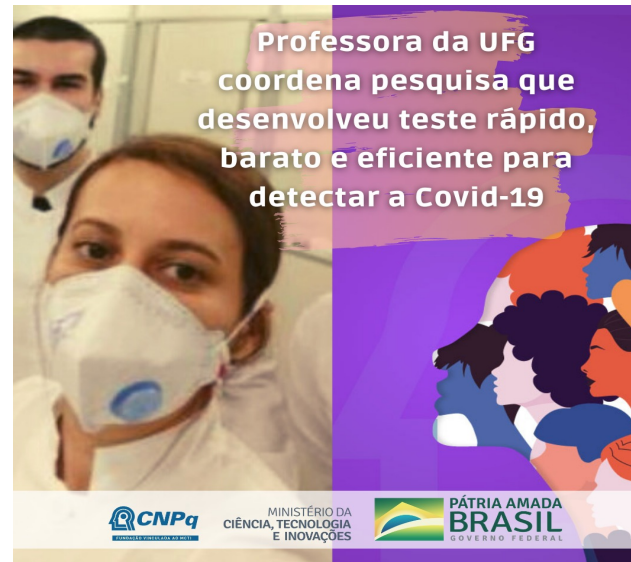
A research performed within the project “**Parent in Science**” appointed that in Brazil, the effects of the pandemic on scientific productivity has affected mostly women:

- 40% of women without children have not completed their articles, compared to 20% of men
- 52% of women with children have not completed their articles, compared to 38% of men



Ongoing initiatives of CNPq supporting women in science

- Some examples:
 - Targeted programs, projects, prizes, maternity leave included in the Lattes Curriculum platform



Thank you!



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