Slovak Academy of Sciences vs Covid-19
Understanding Covid-19

First isolation of the virus (March 2020)

Regular contributions to EVAg

Sequencing of virus variants (from June 2020)

Primary identification of variants
  - Nov 2020  B.1.258 ("Czechoslovak")
  - Jan 2021  B.1.1.7 alpha
  - Apr 2021  B.1.351 beta
  - Jun 2021  B.1.621 mu ("Colombia")
  - Jun 2021  B.1.617.2 delta
Testing and vaccination efforts

Start of routine SARS-Cov-2 diagnostics (Mar 2020)

Development of several qRT-PCR diagnostic kits

Development of vaccines and monoclonal antibodies

Performing seroepidemiological studies

Public information campaign and expert advice to decision makers
Technology vs Covid-19

Detection and sterilisation of contaminated surfaces
Polymer I, I of Molecular Biology, I of Geotechnics

Development of new materials suitable for respiratory protection
Polymer I, I of Materials Research

Development of an energy-efficient air steriliser
I of Virology, I of Materials and Machine Mechanics
Understanding the impact of Covid-19 on Slovak population

Surveys and polls to understand public reactions to Covid-19 pandemic, government decisions, etc.

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I for Research in Social Communication, I for Sociology

Novel tool for monitoring the pandemic in marginalized Roma communities

I of Ethnology and Social Anthropology, Center for Social and Psychological Sciences