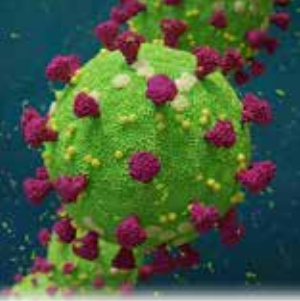


Learn how Sciomics supports COVID-19 research!



Who are we?

Sciomics is a Heidelberg-based CRO with a focus on **Multiplex Protein Analyses**.

Which COVID-19 research topics can be addressed by Sciomics?

- **In-depth protein analysis for improved disease management of COVID-19**
 - > **Immune response profiling** and **characterization of patient cohorts**
 - > Identification of **disease severity biomarkers** for patient stratification
 - > Assessment of severe COVID-19 **risk factors** for improved patient outcome
- **Development of new therapeutics against COVID-19**
 - > **Compounds benchmarking** by pathway activity, early toxicology and mechanisms of action analysis (cell culture and animal models)
 - > Assessment of **treatment response** and identification of **predictive biomarkers**
- **Development of vaccines against SARS-CoV-2**
 - > In-depth **analysis of vaccination response** in animal and patient samples
 - > **Characterization of animal models** (mouse, rat and others)
 - > Identification of **highly immunogenic epitopes** in COVID-19 survivors

Which assays are offered by Sciomics?

- **scioCD:** 121 **cytokines** and 141 **cell surface markers** for immune profiling of plasma/serum, immune cell or tissue samples
 - **scioDiscover:** 1300 **proteins** including inflammatory mediators, immune checkpoint molecules, immune cell markers as well as further membrane/receptor and intracellular proteins for biomarker discovery on plasma/serum, cell or tissue samples
 - **scioPhospho:** **combined phosphorylation and expression profiling** of 1300 proteins for signaling activity profiling on cell or tissue samples
- > All assays can be complemented by a SARS-CoV-2 proteome wide peptide array.

Assay specifics

- Minimal sample amount required (20 µl of plasma/serum, 500 000 cells, 10 mg of tissue)
- Complete analysis service from sample to study report

Interested?

Please get in touch:

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