LEARN ABOUT BRCCH RESEARCH PROJECTS

Diagnostics and Immunology of COVID-19
Janos Vörös (ETH Zurich) & Michael Osthoff (University Hospital Basel)
Andreas Moor (ETH Zurich)

Novel Medical Interventions for COVID-19
Melissa Penny (Swiss TPH) & Roland Regoes (ETH Zurich)
Thomas Erb (University Children’s Hospital Basel)
& Mirko Meboldt (ETH Zurich)

GAIN GLOBAL PERSPECTIVE ON THE PANDEMIC

International Panel Discussion
Alain Labrique (Global mHealth Initiative, Johns Hopkins University)
Solomzi Makohliso (EssentialTech, EPFL)
Marcel Tanner (Swiss Academy of Sciences | Fondation Botnar)
Akhona Tshangela (Africa Centres for Disease Control and Prevention)

Moderator: Maxine Mackintosh (The Alan Turing Institute & The Health Foundation | One HealthTech)

Register here & more info: www.brc.ch
**SEP 2nd**

17.30-19.00 CET: **Diagnostics and Immunology of COVID-19**

- **Prof Janos Vörös**
  Biosensors and Bioelectronics, ETH Zurich

- **PD Dr Michael Osthoff**
  Internal Medicine, University Hospital Basel

A mobile, rapid diagnostic test system for COVID-19 based on lateral flow assays diagnosing SARS-CoV-2 infections at point-of-need

- **Prof Andreas Moor**
  Systems Physiology, ETH Zurich

B cell immunity in convalescent COVID-19 patients with the aim of identifying high-affinity antibodies against SARS-CoV-2

**SEP 9th**

17.30-19.00 CET: **Novel Medical Interventions for COVID-19**

- **Prof Melissa Penny**
  Epidemiology and Public Health, Swiss TPH

- **Prof Roland Regoes**
  Integrative Biology, ETH Zurich

Modelling and machine learning to optimise medical interventions and health strategies for emergency response to the pandemic

- **Prof Thomas Erb**
  Anesthesiology, University Children's Hospital Basel

- **Prof Mirko Meboldt**
  Product Development Group, ETH Zurich

The challenge of ventilation in the COVID-19 pandemic - improved patient care with low-cost ventilators based on novel integrated pressure sensors

Register [here](#) & more info: [www.brc.ch](http://www.brc.ch)
SEP 16th

17.30-19.00 CET: International Panel Discussion

Prof Alain Labrique
Global Disease Epidemiology and Control
Global mHealth Initiative, Johns Hopkins University

Dr Solomzi Makohliso
Biotechnology
EssentialTech, EPFL

Prof Marcel Tanner
Swiss National COVID-19 Science Task Force
Swiss Academy of Sciences | Fondation Botnar

Ms Akhona Tshangela
Mortality Surveillance
Africa Centres for Disease Control and Prevention

Leading international experts in global public health, epidemiology, digital health and medical technology will discuss the challenges of the pandemic with special focus on the Global South. Ask your questions during the live Q&A or submit them upon registration.

Moderator
Maxine Mackintosh
The Alan Turing Institute & The Health Foundation | One HealthTech

Register here & more info: www.brc.ch