

# INSIGHTS INTO COVID-19 RESEARCH

FREE SEPTEMBER WEBINARS

17.30-19.00 CET

SEP

2nd

## LEARN ABOUT BRCCH RESEARCH PROJECTS

### Diagnostics and Immunology of COVID-19

Janos Vörös (ETH Zurich) & Michael Osthoff (University Hospital Basel)  
Andreas Moor (ETH Zurich)

9th

## 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)

16th

## 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](https://www.brc.ch) & more info: [www.brc.ch](https://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](http://www.brc.ch)**