

## Emerging methodologies and measures in clinical research: what challenges and solutions lie ahead?

Big data and enhanced computing power are creating a whirlwind of prospects in clinical research. Yet scientists still need to apply rigour and method to their work for it to stand up to scrutiny and produce convincing, impactful results.

This Symposium explores the challenges and opportunities that lie ahead, in particular:

- methodological issues
- outcome measurements
- patient-reported outcomes (PROs)
- population-reported outcomes
- core outcome sets
- complex trial designs and
- conducting sound research in developing countries

The speakers will emphasise practical examples and the application of these trends and developments in the daily work of clinical researchers.

→ The presentations and the discussions will be held in English.

### Location

Auditoire Marcel Jenny  
(main entrance, ground floor)  
Geneva University Hospitals /  
Hôpitaux Universitaires Genève (HUG)  
Rue Gabrielle-Perret-Gentil, 4  
1205 Genève

[www.hug-ge.ch/en/guide-proches/hospital-buildings](http://www.hug-ge.ch/en/guide-proches/hospital-buildings)

### How to get there


Bus 1, 5, 7, and 35, alight at Hôpital  
Bus 3, alight at Claparède  
Parking: Lombard

From Geneva's main train station,  
Cornavin: bus 1 or 5, alight at Hôpital  
From Geneva's airport, Cointrin: bus 5,  
alight at Hôpital

By taxi from the airport, it takes about  
30 minutes to reach the HUG.



### Supported by

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### Patronage

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# 9th Symposium of the Swiss Clinical Trial Organisation

## Emerging methodologies and measures in clinical research

12 June 2019, 10h00–16h30  
Geneva University Hospitals

#### 10.00 Welcome note and introduction

Prof. Christiane Pauli-Magnus, President, SCTO

Prof. Arnaud Perrier, Medical Director, Geneva University Hospitals

Prof. Jérôme Pugin, Vice-Dean, Head, Clinical Medicine and Research, University of Geneva

#### 10.15 Keynote lecture: Radiological research in the era of personalised health, big data, and artificial intelligence: what major changes lie ahead?

Prof. Xavier Montet, Faculty Member, Radiology and Medical Informatics, University of Geneva

#### 11.00 Coffee break

#### 11.20 Progress underway in the measuring of methodologies and outcomes in clinical research and how they impact on daily practice

Recent developments in research using cohorts

- Trials within cohorts: the benefits, limitations, and specific considerations for applying them to clinical trials

Dr Anna C. Bibby, National Institute for Health Research (NIHR) Research Fellow and Consultant Respiratory Physician, University of Bristol Medical School, Translational Health Sciences, Southmead Hospital, Bristol

- Randomised clinical trials, using cohorts and routinely collected health data: leveraging the Swiss Transplant Cohort Study to carry out interventional research

PD Dr Oriol Manuel, Senior Physician, Infectious Diseases Service and Transplantation Center, Lausanne University Hospital (CHUV)

#### 12.20 Patient-reported outcomes (PROs)

PROs: how PROs can change classical clinical trials and endpoints; and how relevant regulations and patient involvement can influence PROs

Dr Thomas Morel, Director, Global Patient-Centred Outcomes Research & Policy, UCB

#### 12.50 Lunch break

#### 13.50 Core outcome sets

The Core Outcome Measures in Effectiveness Trials (COMET) Initiative: discovering more about core outcome sets, representing the minimum that should be measured and reported in all clinical trials on a given, specific condition

Prof. Paula Williamson, Chair, COMET Initiative Management Group, Department of Biostatistics, Institute of Translational Medicine, University of Liverpool

#### 14.20 Complex clinical trials

Innovative adaptive designs: using them, running them, and reporting on them, plus practical aspects, such as ethical approval, treatment supply, and communicating with stakeholders and trial participants

Ms Irmela Radtke, Global Drug Regulatory Affairs, F. Hoffmann La Roche Ltd

#### 14.50 Coffee break

#### 15.10 Research and development in developing countries and their impact on Swiss research(ers)

Dr Bernard Pécou, Executive Director, Drugs for Neglected Diseases initiative (DNDi)

#### 15.40 Population-reported outcomes, in the era of doing more with less

Prof. Idris Guessous, Head, Division of Primary Care Medicine, Geneva University Hospitals

#### 16.25 Closing remarks and networking aperitif

## Striving for more reliable study results? We focus on quality.

### Who are we?

The Swiss Clinical Trial Organisation (SCTO) is the central cooperation platform for patient-oriented clinical research in Switzerland.

**Our vision** is to serve patients and society through excellent clinical research.

**Our mission** is to get the best minds collaborating on optimising clinical research.

**Our context** is us, serving as an umbrella organisation for all activities related to the *Swiss Human Research Act*

### How do we realise our vision and mission?

The whole of society depends on excellence in research bringing better therapies to patients. Clinical research makes an essential contribution to this. Accordingly, at the Swiss Clinical Trial Organisation, we strive to see clinical research become increasingly valuable, innovative, and visible – countrywide.

Serving as an umbrella organisation for all activities related to the *Swiss Human Research Act*, we aim for greater quality, so as to mine the very best from this important field of research. To this end, we are bringing together the nest, most curious minds and we have established networks and platforms to support them in their exploration and strategising, and with best practices.

### Registration

By Wednesday, 5 June 2019  
Online at [www.scto.ch](http://www.scto.ch) or  
by e-mail to [event@scto.ch](mailto:event@scto.ch)

### Registration fee

CHF 200 Regular  
CHF 100 Students

### Organisation

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Free Students enrolled at  
Geneva University Hospitals  
and University of Geneva