

Hosts:

Swiss Stem Cell Network 15th Annual Meeting 2020

**Innovation in Clinical
Bio-manufacturing**
Organoids and other
specialized cell cultures
for clinical applications

Friday Dec 11, 2020

9:30 am - 5:30 pm

eMeeting by zoom

Confidentiality clause:
Limited to registered attendees.
No recordings of any kind.
No screen shots.



Gold/Silver:

Bronze:

Supporter:

Speakers

Organoids

Hayley Francies

Translational Cancer Genomics at
Wellcome Trust Sanger Institute Hinxton, UK

Matthias Lütolf

Laboratory of Stem Cell Bioengineering
EPFL Lausanne, Switzerland

Ivan Martin

Department of Biomedicine & Department of
Surgery, University Hospital Basel, Switzerland

Cell Therapies

Lukas Sommer

Institute of Anatomy
University of Zurich, Switzerland

Jérôme Guicheux

French National Institute for Health and Medical Research
INSERM U1229, Nantes Université, France

Michele de Luca

Centre for Regenerative Medicine «Stefano Ferrari»
University of Modena and Reggio Emilia, Italy

Meet the Experts

Hayley Francies

Translational Cancer Genomics at
Wellcome Trust Sanger Institute Hinxton

Marianna Kruithof-de Julio

DBMR, Medical Faculty and Urology, University of Bern

Scientific Advisory Board

BCPM

Mark Rubin (Lead)

Director of DBMR, Medical Faculty and Oncology,
University of Bern

Marianna Kruithof-de Julio

DBMR, Medical Faculty and Urology, University of Bern

Sven Rottenberg

DIP, Vetsuisse Faculty, University of Bern

SCRM

Eliane J. Müller (Lead)

DBMR, Medical Faculty and Molecular Dermatology,
University of Bern

Carsten Riether

DBMR, Medical Faculty and Oncology, University of Bern

Amiq Gazdhar

DBMR, Medical Faculty and Pneumology, University of Bern

Organizing Committee

BCPM

Timo Staub (Lead)

Bern Center for Precision Medicine (BCPM),
University of Bern

Stephan Christen

DBMR, Medical Faculty, University of Bern

Claudia Requeta

Bern Center for Precision Medicine (BCPM),
University of Bern

SCRM

Volker Enzmann (Lead)

Department of Ophthalmology, University of Bern

Benjamin Gantenbein

Department of Orthopaedic Surgery and Traumatology,
University of Bern

Rene Aeberhard

DBMR, Medical Faculty, University of Bern

Program schedule

9:30 – 9:45	Welcome Prof Mark A. Rubin (BCPM) / Prof Eliane J. Müller (SCRM)
	Organoids – chair: Prof Mark A. Rubin
9:45	Trailer Sysmex Suisse AG
9:45 – 10:30	Keynote Hayley Francies <i>Translational Cancer Genomics at Wellcome Trust Sanger Institute, Hinxton, UK</i> Towards the next-generation of cancer cell models
10:30 – 10:45	Selected Speaker from Abstract #1 – Simon Leonard April-Monn , University of Bern
10:45 – 11:15	Matthias Lutolf <i>Laboratory of Stem Cell Bioengineering, EPFL Lausanne, Switzerland</i> Engineering scalable organoid-based assays for disease modelling
11:15 – 11:45	Coffee Break / 11.45 Trailer Nikon (Schweiz) GmbH
11:45 – 12:15	Ivan Martin <i>Department of Biomedicine and Department of Surgery, University Hospital Basel, Switzerland</i> Engineering 3D organotypic niches
12:15 – 12:30	Selected Speaker from Abstract #2 – Simon Blanchoud , University of Fribourg
12:30 – 14:00	Lunch break / Sponsor trailer loop
13:00 – 13:55	Meet the Experts <i>on Organoid culture during lunch e.g. Marianna Kruithof-de Julio / Hayley Francies</i>
	Cell therapies – chair: Prof Eliane J. Müller / Volker Enzmann
13:55	Trailer Miltenyi Biotec B.V. & Co. KG
14:00 – 14:30	Lukas Sommer <i>Institute of Anatomy, University of Zurich, Switzerland</i> Neural crest stemness in regeneration and cancer formation
14:30 – 14:45	Selected Speaker from Abstract #3 – Catherine Pfefferli , University of Fribourg
14:45 – 15:00	5 Selected Flash Presentations from Abstracts #4–8, 2 minutes – Laura Jahnke, Thomas Bise, Hendrik Oudhoff, Andreas Shaun Croft, Patricia Renz
15:00 – 15:30	Jérôme Guicheux <i>French National Institute for Health and Medical Research INSERM U1229, Regenerative Medicine and Skeleton Research Center, Nantes Université, France</i> Exploring stem cells for the regenerative medicine of intervertebral disc: a paradigm shift in spine surgery
15:30 – 15:45	Selected Speaker from Abstract #9 – Nenad Slavko Suknovic , University of Geneva
15:45 – 16:15	Coffee Break / 16.15 Trailer CELLnTEC Advanced Cell System AG
16:15 – 17:00	Keynote Michele De Luca <i>Centre for Regenerative Medicine «Stefano Ferrari», University of Modena and Reggio Emilia, Italy</i> Epithelial stem cells in cell and gene therapy
17:00 – 17:15	Poster Award / Closing Remarks Prof Volker Enzmann (SCRM / SSCN board) Prof Mark A. Rubin (BCPM) and Prof Eliane J. Müller (SCRM)