

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



Gold:

Silver:

Bronze:

Supporter:

Program schedule

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

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