

PSIS workshop – Organ on Chip – Agenda

April 28-29 2021

DAY 1

PLENARY

14:00 - 14:10

Get settled in

MODERATOR: Maurice Whelan, EC JRC

14:10 - 14:30

Welcome and opening

Stephen Quest, EC JRC Director General; Ruggero Lensi, CEN Vice President Technical

14:30 - 15:00

The present and future of Organ on Chip

Janny van den Eijnden-van Raaij, EUROoCS

15:00 - 15:30

What are standards and what are they good for?

Lena Morgan, SIS and CEN Advisory Board for Healthcare Standards

15:30 - 15:45

BREAK

15:45 - 16:15

Standardisation in the pharmaceutical sector

Marian Raschke, Bayer

16:15 - 16:45

Standardisation opportunities for OoC

Monica Piergiovanni, EC JRC

16:45 - 17:00

Setting up our activities for the Day 2

MODERATOR: Maurice Whelan

DAY 2

PARALLEL SESSIONS

*The parallel sessions will be divided in three themes: **life science**, **engineering**, and **regulatory and data reporting**. Participants have to choose in advance and they cannot go from one room to another.*

09:00 - 09:10

Welcome and orientation

MODERATOR: Maurice Whelan

09:10 - 10:10

Cells and Tissues

CHAIR/SPEAKER: Christine Mummery, University of Leiden; **RAPORTEUR:** Sofia B. Leite

ROUNDTABLE MEMBERS: Jochen Kuehn, Beiersdorf; Oliver Frey, inSphero; Paula Alves, iBET

Sensing and Integration

CHAIR/SPEAKER: Luis Fernández, University of Zaragoza; **RAPORTEUR:** Ozlem Cangar

ROUNDTABLE MEMBERS: Dries Braecken, IMEC; Christoph Jeschke, MCS; Marco Rasponi, Polytechnic University of Milan

Good experimental practices

CHAIR/SPEAKER: Sandra Coecke, JRC; **RAPORTEUR:** Monica Piergiovanni

ROUNDTABLE MEMBERS: Pelin Candarlioglu, GSK; Rhiannon David, AstraZeneca; Sonja Beken, Fagg

10:10 - 10:30

BREAK

Agenda

DAY 2

PARALLEL SESSIONS

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10:30 - 11:30

Biomaterials and 3D printing

CHAIR/SPEAKER: Peter Loskill, University of Tübingen; **RAPPORTEUR:** Sofia B. Leite

ROUNDTABLE MEMBERS: Bas Trietsch, Mimetas; Lorna Ewart, Emulate; Hector Martinez, CELLINK

Interoperability and control systems

CHAIR/SPEAKER: Andries Van Der Meer (University of Twente) **RAPPORTEUR:** Ozlem Cangar

ROUNDTABLE MEMBERS: Holger Becker, Microfluidic Chip Shop; Serge Renouard, Fluigent; Wolfgang Eberle; IMEC

Data acquisition and management

CHAIR/SPEAKER: Martin Golebiewski (HITS) **RAPPORTEUR:** Monica Piergiovanni

ROUNDTABLE MEMBERS: Christian Maas (ESQlabs); Patrick Courtney (SiLA)

11:30 - 11:50

BREAK

11:50 - 12:50

Assays and biomarkers

CHAIR/SPEAKER: Adrian Roth, Roche; **RAPPORTEUR:** Sofia B. Leite

ROUNDTABLE MEMBERS: Godfrey Smith, University of Glasgow; Florian Fuchs, Novartis; Ofra Benny, Hebrew University of Jerusalem

Microfluidics

CHAIR/SPEAKER: Mathieu Odijk, University of Twente; **RAPPORTEUR:** Ozlem Cangar

ROUNDTABLE MEMBERS: Nicolas Verplank, CEA; Alexios Tzannis, IMTAG; Marko Blom, Micronit

Characterisation and reporting

CHAIR/SPEAKER: Ilka Maschmeyer, TissUse **RAPPORTEUR:** Monica Piergiovanni

ROUNDTABLE MEMBERS: Albert van den Berg, University of Twente; Peter Ertl, Vienna University of Technology; Thomas Steger-Hartmann, Bayer

12:50 - 14:15

LUNCH BREAK

PLENARY

14:15 - 15:00

Flash Summaries of parallel sessions

15:00 - 15:45

Panel discussion on ways forward

MODERATOR: Maurice Whelan, EC JRC; **ROUNDTABLE MEMBERS:** Christine Mummery, President of EUROOCS; Gergely Tardos (tbc), EC RTD; Ivan Rusyn, regulatory toxicology expert Texas A+M, Lena Morgan, CEN CENELEC Healthcare Advisory Board; Karl Gruen, Austrian Standards

15:45 - 16:00

Workshop Closing

Fabio Taucer, EC JRC