



# Program

## List of Podium Presentations

### Plenary

#### Session **Plenary 1**

**Time** 14:00-15:00

**Location** Room 1

**Chair** Koichi Nakayama, Ilona Uzielienė

**Day 1 Nov. 10 (Sun)**

Presentation No	Presenter	Title
PL1	Gabor Forgacs	Translating academic research into the marketplace

#### Session **Plenary 2** JSRM-Joint Session

**Time** 13:50-15:30

**Location** Room 1

**Chair** Takanori Takebe, Fabien Guillemot

**Day 2 Nov. 11 (Mon)**

Presentation No	Presenter	Title
PL2-1	Yoshiki Sawa	Development of myocardial regenerative therapy for severe heart failure
PL2-2	Masayo Takahashi	AI robot and retinal cell therapy
PL2-3	Ryosuke Ikeguchi	Peripheral nerve regeneration by Bio 3D nerve conduit using a bio-3D printer
PL2-4	Manabu Itoh	Translational research of Kenzan method Bio-3D Printer for vascular surgery.

#### Session **Plenary 3**

**Time** 10:50-11:50

**Location** Room 1

**Chair** Jürgen Groll, Mark Skyler-Scott

**Day 3 Nov. 12 (Tue)**

Presentation No	Presenter	Title
PL3	Shoji Takeuchi	The Frontier of Biohybrid Robotics in Biofabrication

## Session **Plenary 4** Biofabrication in Space

**Time** 13:10-14:50

**Location** Room 1

**Chair** James Yoo, Michael Gelinsky

**Day 3 Nov. 12 (Tue)**

Presentation No	Presenter	Title
PL4-1	Antony S Jeevarajan	Biofabrication in Space - A Perspective
PL4-2	Ian Johnson	Advancements in 3D Bioprinting for Space Research: The European Space Agency's 3D Bioprinter and Cell Culture System for ISS
PL4-3	Sayaka Umemura	JAXA's current and future strategy for life science research in space
PL4-4	James Yoo	Low Earth Orbit Testing of 3D Bioprinted Vascularized Liver Tissue Constructs
PL4-5	Parth Chansoria	$\mu$ G-FLight: Long-term refrigeration and rapid fabrication of highly aligned constructs in a new microgravity-compatible filamented light (FLight) biofabrication system
PL4-6	Johannes Windisch	Testing the limits of 3D bioprinting in parabolic flight experiments: the effect of microgravity on the printability of bioinks and the viability of photosynthetically active microalgae as well as human dermal fibroblasts

## Session **Plenary 5**

**Time** 10:50-11:50

**Location** Room 1

**Chair** Aleksandr Ovsianikov, Daiki Murata

**Day 4 Nov. 13 (Wed)**

Presentation No	Presenter	Title
PL5	Takanori Takebe	Organoid guided Hepato-Biliary-Pancreatic Bioengineering