

WPI-PRIME International Symposium

Language
English

Frontiers in Human Metaverse Medicine

Feb. 29 [Thu] - Mar. 1 [Fri] 2024

Day 1 9:30 - 18:30 Day 2 9:00 - 17:00

Saji Keizo Memorial Hall, 10th floor, Osaka University Nakanoshima Center

4-3-53, Nakanoshima, Kita-ku, Osaka 530-0005, Japan

Organizer Osaka University WPI-PRIME

Contact planning@prime.osaka-u.ac.jp

Website <https://prime.osaka-u.ac.jp/news/974/>

Invited Speakers (Alphabetical order)



Johan Auwerx

École Polytechnique Fédérale de Lausanne, Switzerland



Emmanuel Barillot

Institut Curie, France



Kenichiro Mogi

Sony Computer Science Laboratories/
The University of Tokyo



Thomas Walter

Institut Curie, France

and more ...

*Symposium contents are subject to change.



Registration Form

https://www.entry-sys.net/form/prime/prime_fm8/input.php?preview=1



WPI-PRIME International Symposium

Frontiers in Human Metaverse Medicine

Day 1 **Feb. 29** [Thu] 9:30 - 18:30

9:00 - 9:30 **Registration**

9:30-10:40 **Opening**

Opening remarks

Shojiro Nishio (President of Osaka University)

Congratulatory speech

Akira Ukawa (Director of Center for World Premier International Research Center Initiative, JSPS)

Explanation of PRIME International Symposium

Kohji Nishida (Center Director of WPI-PRIME, Osaka University)

ICE breaker: Meet and greet

10:40-12:00 **Session 1**

Connecting the dots: How to harness organoid data to inform humans?

Takanori Takebe (WPI-PRIME, Osaka University)

Susumu Sakimoto (WPI-PRIME, Osaka University)

Hideyuki Okano (Keio University)

Katsuhiko Hayashi (WPI-PRIME, Osaka University)

13:30-14:30 **Keynote Lecture 1**

Emmanuel Barillot (Institut Curie)

Thomas Walter (Institut Curie)

14:30-15:50 **Session 2**

Inside the dots

Vivian Hwa (WPI-PRIME, Osaka University)

Noriyuki Tsumaki (WPI-PRIME, Osaka University)

Arvind Ramanthan (Institute for Stem Cell Science and Regenerative Medicine (in Stem))

Shigeru Miyagawa (WPI-PRIME, Osaka University)

16:10 - 17:30 **Session 3**

Computed Biology: What will be key enabling technologies to characterize the biological state transition at a scale?

Mariko Okada (WPI-PRIME, Osaka University)

Alfonso Valencia (Barcelona Supercomputing Center)

Nozomu Yachie (WPI-PRIME, Osaka University/The University of British Columbia)

Laurence Calzone (Institut Curie)

17:40-18:30 **Special Lecture**

Kenichiro Mogi (Sony Computer Science Laboratories/The University of Tokyo)

Access

Osaka City Bus

1 min. walk from Nakanoshima 4-chome bus stop (Take bus No. 53 from JR Osaka Station)

2 min. walk from Taminobashi bus stop (Take bus No. 75 from JR Osaka Station)

Trains

5 min. walk from Nakanoshima Sta. (Keihan Nakanoshima Line)

9 min. walk from Shin-Fukushima Sta. (JR Tozai Line)

Day 2 **Mar. 1** [Fri] 9:00 - 17:00

9:00-10:30 **Session 4**

Poster Session by Rising stars

Yoshikatsu Kanai (WPI-PRIME, Osaka University)

Elisa Domínguez Hüttinger (WPI-PRIME, Osaka University/ Universidad Nacional Autónoma de México)

Ai Shinobu (WPI-PRIME, Osaka University)

Nika Shakiba (WPI-PRIME, Osaka University/The University of British Columbia)

Loïc Chadoutaud (Institut Curie)

Takahiro Nemoto (WPI-PRIME, Osaka University)

and more...

10:40-11:40 **Keynote Lecture 2**

Johan Auwerx (École Polytechnique Fédérale de Lausanne (EPFL))

13:00-14:20 **Session 5**

Visualizing network: What elements of biological and medical data will be visualized in Biodigital Twin?

Hideo Yokota (WPI-PRIME, Osaka University/RIKEN)

Geoffry Schiebinger (WPI-PRIME, Osaka University/The University of British Columbia)

Denis Thieffry (École Normale Supérieure)

Hajime Nagahara (WPI-PRIME, Osaka University)

14:30-15:50 **Session 6**

Predictive precision medicine

Kunio Kashino (WPI-PRIME, Osaka University/NTT Basic Research Laboratories)

Julio Saez-Rodriguez (Institute for Computational Biomedicine (GERIT))

Kazuhiro Sakurada (WPI-PRIME, Osaka University/Keio University)

Zhaoshi Jiang (BioMap US)

16:00-17:00 **Session 7**

Ethical related issues, also EDI (equity, diversity, and inclusion)

Atsuo Kishimoto (WPI-PRIME, Osaka University)

Megan Munsie (Melbourne Medical School)

Alexander Bernier (Institut Curie)

17:00 **Closing remarks**

Takao Onoye (Executive Vice President of Osaka University)

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