

OS14: Innovations in Oncology

November 18, 2024

CON-1

- OS14-1 **Organoid Culture to Characterize Cancer** (*Invited*)
16:30-17:10 Masahiro Inoue (Kyoto University, Japan), Yuji Nashimoto (Tokyo Medical and Dental University, Japan), Yoshikazu Hirai (Kyoto University, Japan)
- OS14-2 **Challenge to Reconstruct an Engineered 3D Cancer Environment by Focusing on Tumor Cell Behavior in Tissue**
17:10-17:25 Daisuke Yoshino (Tokyo University of Agriculture and Technology, Japan)
- OS14-3 **Integrating 3D Tumor Models and Hydrogel-based Microfluidics for Metabolic Control**
17:25-17:40 Estelle Bastien, Alpha Diallo, Juliette Codevelle, H  l  ne Delano   Ayari (Universit   Claude Bernard Lyon 1, France), Charlotte Riv  re (Universit   Claude Bernard Lyon 1 / Institut Universitaire de France (IUF) / Centre de Canc  rologie de Lyon (CRCL), France)

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- OS14-4 **Patient-derived Tumour Organoids for the Identification of Tumour Cell-intrinsic and Tumour-immune Modulators**
14:50-15:05 Robin Wagner, Morgan Brisset, M  lodie Grandin, Carolyn Shembrey, Sarah Lee, Tamara Vu (The University of Melbourne / The University of Melbourne Centre for Cancer Research, Australia), Alexander Heriot (Peter MacCallum Cancer Centre, Australia), Antonin Serrano, Fr  d  ric Hollande (The University of Melbourne / The University of Melbourne Centre for Cancer Research, Australia)
- OS14-5 **Investigation of a Predictive Therapeutic Response under Controlled Oxygen Condition in Cancer Patient-derived Organoids**
15:05-15:20 Morgane Roinard (University Claude Bernard Lyon 1, France), Satoshi Aratake, Kenichi Funamoto (Tohoku University, Japan), Nicolas Aznar, Jean-Paul Rieu (University Claude Bernard Lyon 1, France)
- OS14-6 **Co-Culture with Microvascular Networks Attenuates Cancer Cell Proliferation under Hypoxia**
15:20-15:35 Satoshi Aratake, Kenichi Funamoto (Tohoku University, Japan)
- OS14-7 **Role of Circulating snoRNA Snord in Breast Cancer Bone Metastatic Progression**
15:35-15:50 Charlotte Filossi, Caroline Moyret-Lalle (Universit   Claude Bernard Lyon 1, France), Margherita Puppo, Philippe Cl  zardin (LyOS, France), Virginie Marcel (Universit   Claude Bernard Lyon 1, France)

- OS14-8
15:50-16:05 **Treatment of Metastatic Lymph Node by Lymphatic Drug Delivery System Using Carboplatin**
Erika Tada, Miriu Miyatsu, Ariunbuyan Sukhbaatar, Shiro Mori, Tsuyoshi Sugiura, Tetsuya Kodama (Tohoku University, Japan)
- OS14-9
16:05-16:20 **Evaluation of Chemoimmunotherapy using Lymphatic Drug Delivery System**
Ryuma Suzuki, Ariunbuyan Sukhbaatar, Hiroshi Fuji, Shiro Mori (Tohoku University, Japan), Yoshinaga Ito (Kyoto University, Japan), Tetsuya Kodama (Tohoku University, Japan)
- OS14-10
16:30-17:10 **Microfluidic Systems for Cancer Modeling and Drug Screening** (*Invited*)
Seunggyu Kim, Joonha Park, Jessie S. Jeon (KAIST, Korea)
- OS14-11
17:10-17:25 **Pharmacokinetic Analysis in Lymphatic Drug Delivery System**
Reito Miyazaki, Taiki Shimano, Ariunbuyan Sukhbaatar, Shiro Mori, Tetsuya Kodama (Tohoku University, Japan)
- OS14-12
17:25-17:40 **Microfluidic Assessment Reveals Cell Deformability As A Prognostic Factor For AML Treatment Sensitivity**
Camila Martin Cardozol (Université Lyon 1, France), Léa Barral (Centre de Recherche en Cancérologie de Lyon / Université Claude Bernard Lyon 1, France), Sandrine Jeanpierre (Centre de Recherche en Cancérologie de Lyon / Université Claude Bernard Lyon 1 / Centre Léon Bérard, France), Marie-Charlotte Audry-Deschamps (Université Lyon 1, France), Véronique Maguer-Satta (Centre de Recherche en Cancérologie de Lyon / Université Claude Bernard Lyon 1 / Centre Léon Bérard, France), Magalie Faivre (Université Lyon 1, France), Sylvain Lefort (Centre de Recherche en Cancérologie de Lyon / Université Claude Bernard Lyon 1, France)
- OS14-13
17:40-17:55 **A Hydrogel Based Microsystem to Uncouple Mechanical and Chemical Gradients in Dense Tissues**
Gaëtan Jardiné (Université de Lyon, France), Alpha Diallo (Université de Lyon / Centre de Recherche en Cancérologie (CRCL), France), Gilles Simon, Hélène Delanoë-Ayari (Université de Lyon, France), Charlotte Rivière (Université de Lyon / Institut Universitaire de France (IUF) / Centre de Cancérologie de Lyon, France), Sylvain Monnier (Université de Lyon, France)