

5th Workshop in Biosciences
IARI Symposium 2019
International Alliance of Research Internship



東京大学
THE UNIVERSITY OF TOKYO



UNIVERSITÉ
DE LYON

March 4th (Mon) 09:55~16:05

Kashiwa Library Media Hall

March 5th (Tue) 09:55~15:55

Shirokanedai Campus Main Hall

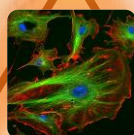
(両日とも09:30受付開始・入場無料)



Graduate School of
Frontier Sciences,
The University of Tokyo

GSFS (CBMS&IB), UTokyo
東京大学大学院新領域創成科学研究科
メディカル情報生命専攻/先端生命科学専攻

**COMPUTATIONAL
SCIENCE**



CELL BIOLOGY



MEDICAL SCIENCE

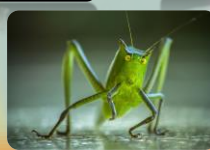
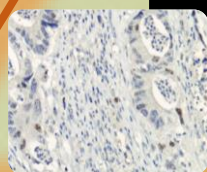


BASIC BIOLOGY

ONCOLOGY

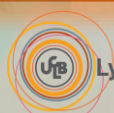


VIROLOGY



IMSUT

東京大学医科学研究所



Lyon 1

University of Lyon



ENS DE LYON

ENS-Lyon

IARI Symposium 2019 Program

March 4th (Mon) (Media Hall of Kashiwa campus)

09:30~ The reception starts

09:55~10:00 Opening remarks by Dr. Kiyoshi ASAI (Dean of Division Life Sciences, The University of Tokyo)

Session-1. Chair: Dr. Yutaka Suzuki (CBMS, UTokyo)

10:00~10:20 Dr. Takako YASUDA (IB, UTokyo)

"Embryonic medaka as an excellent model to unveil specific recruitment of activated microglia following irradiation in vertebrate brain"

10:20~10:40 Dr. Florence RUGGIERO (IGFL, ENS-Lyon)

"Decoding collagen functions in the neuromuscular system: lessons from zebrafish"

10:40~11:00 Dr. Kuninori SUZUKI (IB, UTokyo)

"Molecular mechanisms of autophagosome formation in *Saccharomyces cerevisiae*"

11:00~11:20 Dr. François ROUDIER (RDP and Biology Dpt, ENS-Lyon)

"Epigenetic regulation of plant cell differentiation"

11:20~11:40 Dr. Benjamin LOPPIN (LBMC, ENS-Lyon)

"Chromatin remodeling and reproduction in insects"

11:40~13:00 Lunch

13:00~13:10 Shi WENCONG (visited Laboratory of Biology and Modelling of the Cell (LBMC), ENS-Lyon) (IB, UTokyo)

"Role of nucleosome dynamics in condensin-mediated chromosome organization"

13:10~13:20 Alex Peh Cheng GUAN (visited Cancer Research Center of Lyon, CRCL) (IB, UTokyo)

"Immunity, Virus, Inflammation"

Session-2. Chair: Dr. Shoji Kawamura (IB, UTokyo)

13:20~13:40 Dr. Kazuhiro NAKAYAMA (IB, UTokyo)

"In search of genetic variation underlying adaptive thermogenesis in humans"

13:40~14:00 Dr. Renaud MAHIEUX (CIRI and Biol Dpt, ENS-Lyon)

"Deciphering retroviral clonality in vivo in animals naturally co-infected with spumavirus and STLV-1 exogenous retroviruses"

14:00~14:20 Dr. Henri GRUFFAT (CIRI, ENS-Lyon)

"An overview on Epstein-Barr virus gene expression during the viral productive cycle"

14:20~14:40 Dr. Pierre MARTINEZ (CRCL, UCBL, ULyon)

"Quantifying local malignant adaptation in tissue-specific evolutionary trajectories by harnessing cancer's repeatability at the genetic level"

14:40~15:00 Dr. Caroline MOYRET-LALLE (CRCL, UCBL, ULyon)

"Integrated analysis highlights APC11 protein expression as a likely new independent predictive marker for colorectal cancer"

15:00~15:20 coffee break

15:20~15:40 Dr. Koji TSUDA (CBMS, UTokyo)

"Machine learning algorithms for designing molecules"

15:40~16:00 Dr. Masahiro KASAHARA (CBMS, UTokyo)

"Algorithm development for sequencing and assembling the Japanese cedar genome"

16:00~16:05 Closing remarks by Dr. Hiroshi MITANI (Dean of Graduate School of Frontier Sciences, The University of Tokyo)

March 5th (Tue) Shirokanedai (Main Hall of IMSUT)

09:30~ The reception starts

09:55~10:00 Opening remarks by Dr. Yoshinori Murakami (Dean of Institute of Medical Science, The University of Tokyo, IMSUT)

Session-3. Chair: Dr. Koichi Matsuda (CBMS, UTokyo)

10:00~10:20 Dr. Florence RUGGIERO (IGFL, ENS-Lyon)

"Decoding collagen functions in the neuromuscular system: lessons from zebrafish"

10:20~10:40 Dr. François ROUDIER (RDP and Biol. Dept. ENS-Lyon)

"Epigenetic regulation of plant cell differentiation"

10:40~11:00 Dr. Benjamin LOPPIN (LBMC, ENS-Lyon)

"Chromatin remodeling and reproduction in insects"

11:00~11:20 Dr. Minoru TANAKA (Inst. for Quantitative Biosci., UTokyo)

"Elucidation of molecular mechanisms underlying the tissue repair and remodeling in liver diseases"

11:20~11:40 Dr. Shintaro IWASAKI (RIKEN/CBMS, UTokyo)

"Ribosome conformational dynamics surveyed by ribosome profiling"

11:40~13:00 Lunch

13:00~13:10 Xiaoyu LI (visited Retroviral Oncogenesis, International Center for Infectiology Research (CIRI), ENS-Lyon) (CBMS, UTokyo)

"Functional consequences of DC infection by HTLV-1 virus on the induction of immune response"

13:10~13:20 Kanaho WAKAYAMA (visited Department of Immunology virology and inflammation, CRCL) (CBMS, UTokyo)

"Dissecting the role of integrins in macrophages in pancreatic cancer"

13:20~13:30 Ayaka KASHIWAGI (visited CRCL) (CBMS, UTokyo)

"EMT and cancer cell plasticity"

Session-4. Chair: Dr. Toshiki Watanabe (CBMS, UTokyo)

13:30~13:50 Dr. Renaud MAHIEUX (CIRI and Biol. Dept., ENS-Lyon)

"Deciphering retroviral clonality in vivo in animals naturally co-infected with spumavirus and STLV-1 exogenous retroviruses"

13:50~14:10 Dr. Henri GRUFFAT (CIRI, ENS-Lyon)

"An overview on Epstein-Barr virus gene expression during the viral productive cycle"

14:10~14:30 Dr. Kensuke MIYAKE (IMSUT, UTokyo)

"Mechanisms controlling innate immune responses to nucleic acids"

14:30~14:50 coffee break

14:50~15:10 Dr. Pierre MARTINEZ (CRCL, UCBL, ULyon)

"Quantifying local malignant adaptation in tissue-specific evolutionary trajectories by harnessing cancer's repeatability at the genetic level"

15:10~15:30 Dr. Caroline MOYRET-LALLE (CRCL, UCBL, ULyon)

"Integrated analysis highlights APC11 protein expression as a likely new independent predictive marker for colorectal cancer"

15:30~15:50 Dr. Yoichi FURUKAWA (IMSUT, UTokyo)

"Suppressed expression of interferon-induced protein with tetratricopeptide repeats 2 (IFIT2) as a down-stream of the canonical Wnt signaling pathway in human colon cancer"

15:50~15:55 Closing remarks by Dr. Yuji YAMANASHI (the Next Dean of IMSUT, The University of Tokyo)