

# MICROBIOME- Latest Research & Development

with Professor Rob Knight, UC San Diego



## 2018. 01. 25 [THU]

LINK-J will be hosting a symposium on microbiome, introducing latest research and development with Prof. Rob Knight and Dr. Sandrine Miller-Montgomery of the Center for Microbiome Innovation, the University of California, San Diego(UC San Diego). We will also bring together Japanese speakers working on microbiome research.

**PROGRAM** English Only ※Japanese-English Simultaneous Interpretation is available during the symposium.

**Symposium 13:30-17:50 (Door Open 13:00)**

- |             |                 |   |   |
|-------------|-----------------|---|---|
| 13:30-13:40 | Opening Remarks | <p>Soiyama Akihiko<br/>Miwako Waga<br/>【Chair】 Ken Kurokawa</p> | <p>President and CEO, Director, LINK-J<br/>Director, Office of Research Affairs, UC San Diego<br/>Professor, Center for Information Biology,<br/>National Institute of Genetics</p> |
| 13:40-14:50 | Lecture1        | Rob Knight  | <p>Professor, Pediatrics and Computer Science &amp; Engineering/<br/>Director, Center for Microbiome Innovation, UC San Diego</p>   |
| 14:50-15:30 | Lecture2        | Sandrine Miller-Montgomery                                      | <p>Executive Director, Center for Microbiome Innovation,<br/>the University of California, San Diego</p>  |
| 15:30-15:50 | Break           | (20min)   |   |
| 15:50-16:20 | Lecture3        | Takahiro Matsuki  | <p>Manager, Symbiotic Systems Laboratory, Basic Research Department,<br/>Yakult Central Institute</p>   |
| 16:20-16:50 | Lecture4        | Wataru Iwasaki  | <p>Associate Professor, Department of Biological Sciences, the University of Tokyo</p>  |
| 16:50-17:20 | Lecture5        | Hiroshi Mori  | <p>Assistant Professor, Center for Information Biology, National Institute of Genetics</p>  |
| 17:20-17:40 | Q&A             | (20min)   |   |
| 17:40-17:50 | Closing Remarks | (5min-10min)  | ※For the profiles please see the other side   |

**Networking 17:50-19:00**

### REGISTRATION

Register here >> <http://peatix.com/event/317195>

LINK-J Member ¥1,000 / Others (LINK-J Non-Member) ¥5,000

※For LINK-J supporters and members please contact LINK-J(contact@link-j.org) for discount code

# Microbiome-Latest Research and Development

## PROFILE



**Rob Knight** Professor, Pediatrics and Computer Science & Engineering/Director, Center for Microbiome Innovation, UC San Diego

His work combines microbiology, DNA sequencing, ecology and computer science to understand the vast numbers of microbes that inhabit our bodies and our planet. He was recently honored with the 2017 Massry Prize for his microbiome research. He authored "Follow Your Gut: The Enormous Impact of Tiny Microbes" and co-authored "Dirt is Good: The Advantage of Germs for Your Child's Developing Immune System." His TED talk on the human microbiome has been viewed over 1 million times.



**Sandrine Miller-Montgomery** Executive Director, Center for Microbiome Innovation, UC San Diego

She leads a team focused on expanding industry and academic collaborations in the field of microbiome research. She comes directly from industry and has worked in large biotech and multinational companies as well as start-ups. Most recently, she was leading MO BIO Labs, a biotech focused on nucleic acid purification.



**Takahiro Matsuki** Manager, Symbiotic Systems Laboratory, Basic Research Department, Yakult Central Institute

Graduated from Faculty of Science, Tokyo Institute of Technology in 1992. Completed master's course at Tokyo Institute of Technology in 1995. 1995 to Present, Yakult Central Institute. Visiting Scientist at the University of Tokyo from 1996 to 1999. PhD at the University of Tokyo in 2005. Visiting Scientist at Institute Pasteur from 2008 to 2010. Prize: Kuroya Prize awarded by Japanese Society for Bacteriology. Major field of studies: Molecular ecology of human gut microbiota, Bacteriology, Genome microbiology.



**Wataru Iwasaki** Associate Professor, Department of Biological Sciences, the University of Tokyo

2005 — B.S. in Department of Biophysics and Biochemistry (the University of Tokyo). 2009 — Ph.D. in Department of Computational Biology (the University of Tokyo). 2011 — Assistant Professor at Atmosphere and Ocean Research Institute, the University of Tokyo. 2014 — Associate Professor at Department of Biological Sciences, Department of Bioinformatics and Systems Biology, Department of Computational Biology and Medical Sciences, and Atmosphere and Ocean Research Institute of the University of Tokyo. Major in bioinformatics, especially areas related to genomics, evolution, ecology, and ethology.



**Hiroshi Mori** Assistant Professor, Center for Information Biology, National Institute of Genetics

Assistant Professor of National Institute of Genetics and Graduate University for Advanced Studies, Japan. He obtained his Ph.D. in bioscience from Tokyo Institute of Technology in 2011. He worked on microbial genomics and metagenomics as an Assistant Professor at Tokyo Institute of Technology till 2016. His research interest includes genome science for microbes, bioinformatics tool development for metagenomics, and biological database.



**Ken Kurokawa** Professor, Center for Information Biology, National Institute of Genetics Chair

Education: 1993 B.Sc., Tohoku University, 1995 M.Sc., Tohoku University, 1998 Ph.D., Osaka University. Professional carrier: 1998-2001 Post-Doctoral Fellow, RIMD, Osaka Univ., 2001-2004 Assistant Professor, RIMD, Osaka Univ., 2004-2008 Associate Professor, Graduate School of Information Science, NAIST, 2008-2013 Professor, Graduate school of Bioscience and Biotechnology, TITECH, 2013-2016 Professor / Vice-president, Earth-Life Science Institute, TITECH. Major research field: Genomics, Metagenomics and Bioinformatics.

Hosted by: Life Science Innovation Network Japan, Inc.  
(LINK-J)

Venue: Nihombashi Life Science HUB

1-5-5, Nihombashi Muromachi, Chuo-ku, Tokyo 103-0022 8F.,

Muromachi Chibagin Mitsui Building

Please enter from the office entrance of Muromachi Chibagin Mitsui Building  
(Nearest exit: Mitsukoshimae Station Exit A6 or directly from underground)

\*Elevators/escalators are also available in COREDO Muromachi and YUITO during opening hours

Registration

<http://peatix.com/event/317195>

