

KBMSS 2020 Symposium Program

9:00-9:30 Reception
9:30-9:35 Opening Remarks

Session 1 "Aging, Cancer and Immunity "

9:35-10:15 Plenary Lecture 1 (Japanese)
Analysis of gut microbial metabolites that induce cellular senescence
Eiji Hara (Osaka University)

10:15-10:40 Invited Lecture 1 (Japanese)
Battle for iron: Systemic defense after disruption of mucosal barrier
Kei Sakamoto (Nagasaki University)

10:40-10:50 Break

10:50-11:15 Invited Lecture 2 (Japanese)
Dynamics of human gut microbiome along colorectal cancer progression
Takuji Yamada (Tokyo Institute of Technology)

11:15-11:55 Fluidigm-Sponsored Plenary Lecture (English)
TBD

12:00-13:00 Luncheon Seminar / Organizers' Meeting

13:05-13:35 Flash Presentation of the Posters
13:40-14:50 Poster Session

Session 2 "Generating and Taking Full Advantage of Metabolome Repositories"

15:00-15:40 Plenary Lecture 2 (Japanese)
Repository and Academic Journals: the challenge of MetaboBank for data reuse
Masanori ARITA (NIG)

15:40-16:05 Invited Lecture 3 (Japanese)
Food Metabolome Repository: a reference of metabolite peaks for discovery and utilization of unknown chemicals
Nozomu SAKURAI (NIG)

16:05-16:15 Break

16:15-16:40 Invited Lecture 4 (English)
Challenges and promises of untargeted LC-MS-based human cohort metabolomics
Romanas Chaleckis (Gunma University / Karolinska Institute)

16:40-17:05 Invited Lecture 5 (Japanese)
Integration of mass spectrometry data and health functional evaluation
Haruya TAKAHASHI (Kyoto University)

17:05-17:45 Waters-Sponsored Plenary Lecture (English)
MS methods for characterizing the structure and stability of native and non-native proteins in solution
David E. Clemmer (Indiana University)

17:45-17:50 Closing Remarks
18:00 -20:00 Mixer