

Genomic Medicine, Therapeutics and Health

April 8 - Day 1		Large-scale data for precision health	Speakers
9:30-9:50		<i>Introduction to symposium</i>	<i>Mark Lathrop & Ichiro Taniuchi</i>
9:50-10:50		UK Biobank: scale, depth, duration ... but, most importantly, accessibility	Rory Collins, UK Biobank/Oxford U.
10:50-11:20		Exploiting biobank data	Yoichiro Kamatani, Tokyo U.
Break			
11:40-12:10		Exploiting biobank data	Stéphanie Debette, Bordeaux U.
Lunch			
13:10-13:40		Exploiting biobank data	Yukinori Okada, RIKEN
13:40-14:10		Exploiting biobank data	Jemma Hopewell, Oxford
14:10-14:40		Exploiting biobank data	Kazuyoshi Ishigaki, RIKEN
Break			
15:10-15:40		Impact of high-throughput technologies	Marc Dumas, Imperial College London
15:40-16:10		Impact of high-throughput technologies	Ioannis Ragoussis, McGill
16:10-16:40		The challenge of large data in biomedicine: UK Biobank	Mark Effingham, UK Biobank
16:40-17:25		Keynote: Advances in computing	Norishige Morimoto, IMB Japan
April 9 - Day 2		From precision health to new diagnostics and therapies	
9:30-10:00		Keynote: Innovations in biomedicine	Carolina Ilkow, Ottawa Hospital Research Institute
10:00-10:30		Innovations in biomedicine	Shrio Akinaga, NANO MRNA
10:30-11:00		Innovations in biomedicine	Nagahiro Minato, Kyoto U.
Break			
11:10-11:40		Innovations in biomedicine	Yoko Nakai, HORIBA
11:40-12:10		Innovations in biomedicine	David Junker, McGill
Lunch			
13:00-13:30		Innovations in biomedicine	Yoko Hamazaki, Kyoto U.
13:30-14:00		Innovations in biomedicine	Raquel Cuella Martin, McGill
14:00-14:30		Tackling cancer	Nada Jabado, McGill
14:30-15:00		Tackling cancer	Fumihiko Ishikawa, RIKEN
Break			
15:30-16:00		Impact of high-throughput technologies	Makoto Arita, RIKEN
16:00-16:30		Innovations in biomedicine	Rami Suzuki, ARC Therapies
16:30-17:15		Keynote: Modality strategy in pharma industry	Wataru Takasaki, Daiichi-Sankyo
Evening		Reception at the French embassy	
April 10 - Day 3		Society, immunology, infection and planetary health	
9:30-9:45		<i>RIKEN IMS</i>	<i>Kazuhiko Yamamoto</i>

9:45-10:15	Functional genomics/immunology	Yuka Iwasaki, RIKEN
10:15-10:45	Functional genomics/immunology	Mathieu Mancini, McGill
Break		
11:00-11:10	Introduction to societal and policy issues	Yann Joly, McGill
11:10-11:40	Societal and policy issues	Kaori Muto, RIKEN
11:40-12:10	Societal and policy issues	Chih-hsing Ho, Academia Sinica
12:10-12:40	Societal and policy issues	Won Bok Lee, Ewha Womens University
Lunch		
13:15-13:45	Innovations in biomedicine	Tony De Fougères, Evox Therapeutics
13:45-14:15	Microbiome and host-microbial interactions	Hiroshi Ohno, RIKEN
14:15-14:45	Microbiome and host-microbial interactions	Samantha Gruenheid, McGill
14:45-15:15	Microbiome and host-microbial interactions	Kazuyo Moro, RIKEN
Break		
16:00-16:15	<i>Pasteur Japan</i>	Anavaj Sakuntabhai, Institut Pasteur
16:15-16:45	Pasteur: RNA virus discovery, emergence, transmission, and evolution	Etienne Simon-Loriere, Institut Pasteur
16:45-17:15	Pasteur Network	Tineke Cantaert, Institut Pasteur Cambodia
17:15-18:15	Pasteur Network	Myrielle Dupont-Rouzeyrol, Institut Pasteur Nouvelle-Calédonie

Workshop on Biobanks and Data Analysis

April 11 - Day 4

9:30-9:45	Opening remarks	Fumi Matsuda, Kyoto U.
9:45-12:00	UK Biobank data overview	Mark Effingham, UK Biobank & Course Instructors
13:00-13:45	UK Biobank cloud computing	Mark Effingham, UK Biobank
13:45-17:00	Exploiting UK Biobank sequence data	Guillaume Bourque, McGill & Mark Effingham, UK Biobank

April 12 - Day 5

9:00-9:15	Introduction to biobanks and data access	Yoichiro Kamatani, Tokyo U.
9:15-9:45	ToMMo	Masayuki Yamamoto, Tohoku U.
10:15-10:45	Hisayama Study on brain ageing	Toshiharu Ninomiya, Kyushu U.
10:45-11:15	National Center Biobank Network	Katsushi Tokunaga, Tokyo U.
11:15-11:45	Nagahama cohort study	TBD
11:45-12:15	Biobank Japan	Koichi Matsuda, Tokyo U.
Lunch		
13:00-13:45	CARTaGENE biobank project	Guillaume Lettre, U. Montréal
13:45-14:30	Characterising the immune cell landscape at biobank scale	Yutaka Suzuki, Tokyo U.
Break		
15:00-15:45	The impact of mobile genome elements: examples from UK Biobank	Shohei Kojima, RIKEN

15:45-16:30	Advances in in psychiatric trait genomics	Pak Sham, U. Hong Kong
16:30-17:00	Discussion	Led by Yoichiro Kamatani
April 13 - Day 6		
9:00-12:00	Computation to advance health care using biobank scaled data	Yue Li, McGill and Course Instructors
Lunch		
13:00-17:00	Practical session on computation	Yue Li, McGill and Course Instructors