

HUMAN CELL ATLAS ASIA

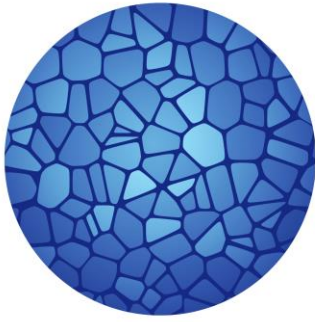
HCA ASIA MEETING
HANGZHOU, CHINA

22nd-23rd OCTOBER, 2020

Day 1: Thursday, October 22, 2020

Beijing Time (GMT +8:00)

09:00-09:05	Welcome and opening speech	Guoji Guo
09:05-09:40	Keynote-1: HCA overview	Aviv Regev
09:40-10:10	Plenary-1: HCA Asia overview	Jay Shin
10:10-10:15	Instruction for sessions	Guoji Guo
10:15-10:30	Break	
10:30-11:50	Co-current session-1	
	Co-current #1-1: Technology development Chair: Guoji Guo, Xiaoping Han	Alex Shalek Junyue Cao Long Cai
	Co-current #1-2: Computational analysis Chair: Jin Gu, Belinda Phipson	Rahul Satija Belinda Phipson Jinmiao Chen
	Co-current #1-3: Cancer Chair: Woong-Yang Park, Alistair Forrest	Yutaka Suzuki Hae-Ock Lee Ramanuj DasGupta
	Co-current #1-4: Atlas Chair: Jay Shin, Katy Borner	Katy Borner Longqi Liu Xinghua Pan
11:50-13:20	Lunch break	
13:20-14:40	Co-current session-2	
	Co-current #2-1: Development Chair: Fuchou Tang, Christine Wells	Christine Wells Miguel Esteban Chengran Xu
	Co-current #2-2: Hematology and Immunology Chair: Tao Cheng, Shalin Naik	Tao Cheng Shalin Naik Jong Eun Park
	Co-current #2-3: Neuroscience Chair: Xiaoqun Wang, Tian Xue	Xiaoqun Wang Tian Xue Nirmala Arul Rayan
	Co-current #2-4: Aging Chair: Guanghui Liu, Aki Minoda	Guanghui Liu Piero Carninci Jessica Mar



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14:40-14:55 Break

14:55-15:45 **Selected talk session**

Chair: TBD

Theme #1: COVID-19 and atlas

Jean Yang
Wei Zuo
Luyi Tian
Shuai He

Theme #2: Data mining

Wanlu Liu
Wataru Fujibuchi
Mikhail Raevskiy
Jingyi Jessica Li

Theme #3: Immunology

Gulderen Yanikkaya Demirel
Archita Mishra
Heping Xu
Guangshuai Jia

Theme #4: New methods

Lijia Ma
Yao Lu
Nir Friedman
Jonathan Scolnick

15:45-16:00 Break

16:00-16:35 **Keynote-2: COVID-19**

Sunney Xie

Chair: Zemin Zhang

16:35-17:05 **Plenary-2: COVID-19**

Zheng Zhang

Chair: Zemin Zhang

17:05-17:40 **Keynote-3: HCA COVID-19**

Sarah Teichmann

Chair: Zemin Zhang

17:40-17:55 Break

17:55-18:25 **Plenary-3:**

Zemin Zhang

Chair: Xuegong Zhang

18:20-18:50 **Plenary-4: HCA equity and ethics**

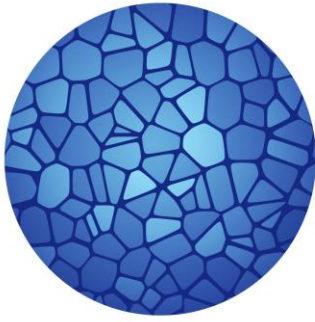
Partha Majumder

Chair: Xuegong Zhang

18:50-18:55 **Conclusion speech**

Xuegong Zhang

Chair: Xuegong Zhang



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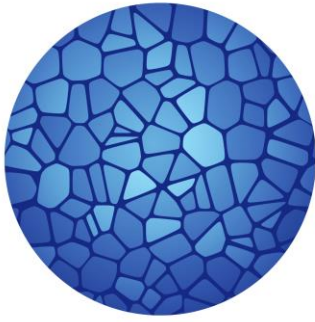
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Day 2: Friday, October 23, 2020

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09:00-09:05	Opening speech	Guoji Guo
09:05-09:40	Keynote-4: Chair: Miguel Esteban	Stephen Quake
09:40-09:55	Plenary-5: Funder talk CZI Chair: Miguel Esteban	Jonah Cool
09:55-10:10	Plenary-6: Cell journal Chair: Miguel Esteban	Jiaying Tan
10:10-10:15	Instruction for breakout sessions	Miguel Esteban
10:15-10:30	Break	
10:30-12:00	Breakout session	
	Breakout #1: Atlas integration	Xuegong Zhang Rahul Satija
	Breakout #2: Equity	Senjuti Saha Alex Shalek
	Breakout #3: HCA Asia flagship projects	Shyam Prabhakar Woong-Yang Park
	Breakout #4: Ethics and data sharing	Partha Majumder Timothy Tickle
12:00-13:30	Lunch break	
13:30-14:50	Co-current session-3	
	Co-current #3-1: Spatial and multi-omics Chair: Naihe Jing, Kok Hao Chen	Naihe Jing Aibin He Kok Hao Chen
	Co-current #3-2: Genetic diversity Chair: Shyam Prabhakar, Senjuti Saha Charoensawan	Deepa Rajagopalan Seyhan Yazar Varodom
	Co-current #3-3: Model systems and organoids Chair: Weizhi Ji, Jinyue Liu	Kazuo Takayama Jinyue Liu Weizhi Ji
	Co-current #3-4: Technology and application Chair: Miguel Esteban, Angela Wu	Angela Wu Quan Nguyen Mike Stubbington



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14:50-15:05 **Break**

14:05-15:35 **Report back from breakout sessions** Xuegong Zhang
Senjuti Saha
Shyam Prabhakar
Partha Majumder

15:35-16:35 **Plenary discussion** Jay Shin
Xuegong Zhang
Miguel Esteban
Senjuti Saha
Woong-Yang Park
Shyam Prabhakar

16:35-16:50 **Break**

16:50-17:20 **Plenary-7:** Ido Amit
Chair: Guoji Guo

17:20-17:50 **Plenary-8:** Fuchou Tang
Chair: Guoji Guo

17:50-18:20 **Plenary-9: OzSingleCell** Alistair Forrest
Chair: Guoji Guo

18:20-18:25 **Greetings from Vietnam Roadshow** Marc Gilligan
Chair: Guoji Guo

18:25-18:30 **Closing remarks** Guoji Guo

Kindly supported by Zhejiang University.