



CRYO2017 Daily Program

Thursday, July 20, 2017

- 08:30 – 17:30** Meeting Registration – **Hotel Lobby**
Society for Cryobiology Board of Governors Business Meeting – **Room 509**
- 18:30 – 21:00** Welcome Reception

Friday, July 21, 2017

- 08:00 – 17:30** Meeting Registration – **Hotel Lobby (Ground Floor)**
- 08:00 – 08:30** Welcoming Address and Remarks – **International Hall A**
Speakers: Societies' Officials and Government leaders
- 08:30 – 10:10** Plenary Lectures#1: Fundamentals, advances and innovations in cryobiology, biopreservation, and biobanking – **International Hall A**
Chair: Jason Acker and Brent Schacter
Speaker 1: Jason Acker
Topic: Cryobiology and its great impacts on the scientific research, modern agriculture, and precision medicine
Speaker 2: Sebastian Eriksson Giwa (USA)
Topic: Scaling up cryopreservation to large tissue systems: growing international support and the promise to transform medicine
Speaker 3: Dayong Gao
Topic: Freezing of living cells and tissues: a great challenge for biomedical scientists and engineers
Speaker 4: Gregory Fahy
Topic: Novel vitrification technology of tissues and organs: mechanisms, technology, and applications
- 10:10 – 10:20** Coffee Break – **Hotel Corridor (Third Floor)**
- 10:20 – 12:20** Plenary Lectures#1 (continue): Fundamentals, advances and innovations in cryobiology, biopreservation, and biobanking - **International Hall A**
Chair: Erik Woods and Jim Vaught
Speaker 5: Kelvin Brockbank (USA)
Topic: Translating ice-free vitrification to human transplant sized tissue models
Speaker 6: Xiaoxi Wei (USA)
Topic: Cryoprotectants - the Blueprint of Ice Defense: Past, Present, and Future.
Speaker 7: Xiaowen He
Topic: - Development of advanced technology for optimal cryopreservation of human immune cells: from research to automated banking systems
Speaker 8: Qiang Tian (USA)
Topic: P4 Precision medicine and biobanking (P4: Predictive, Preventive, Personalized and Participatory)

- 12:20 – 13:20** Box Lunches Provided – **Hotel Corridor (Third Floor)**
Cryobiology Editorial Board Meeting - **Room 509**
- 13:20 – 19:00** Plenary Lectures #2 – **Best practices for biobanking and biorepositories: -International Hall A**
Chair: Zisis Kozlakidis and Hengjun Gao
Speaker 10: Weizhi Ji
Topic: Nonhuman primate germ cell, embryo preservation and disease models
Speaker 11: Jing Liu
Topic: Precise Tumor Cryosurgery: Material, Device and Translational Medicine
Speaker 12: Xun Xu
Topic: Gene bank and precision medicine
Speaker 13: Hengjun Gao (China)
Topic: Biobanking in China and its modern applications.
Speaker 14: Jim Vaught (USA)
Topic: Biobanking in the world: the past, present, and future
Speaker 15: Brent Schacter (Canada)
Speaker 16: Zisis Kozlakidis (UK)
Speaker 17: Kathy Sexton (USA)
Speaker 18: William Grizzle (USA)
- 19:00 – 22:00** Poster Session #1 – **International Hall B**

Saturday, July 22, 2017 (*4 concurrent sessions/symposia in the morning*)

- 08:00 – 17:30** Meeting Registration – **Hotel Lobby (Ground Floor)**
- 08:30 – 10:30** Symposium #1- Advances in basic and applied cryobiology research – **Dubai Hall**
Chair: Gregory Fahy, Gang Zhao and Dayong Gao
- 08:30 – 10:30** Symposium #2 – Modern technology of biopreservation and entrepreneur– **Rome Hall**
Chair: Wendell Sun and Kelvin Brockbank
- 08:30 – 10:30** Symposium #3 –Organizing, Implementing and Running Cryobanks for Clonally Propagated Plants – **London Hall**
Chair: Barbara M. Reed
- 08:30 – 10:30** Session #1 – Recent Developments in Ice Blockers and Novel Cryoprotectants – **Hong Kong Hall**
Chair: Ido Braslavsky and Lei Zhang
- 10:30 – 10:45** Coffee Break – **Hotel Corridor (Third Floor)**
- 10:45 – 12:45** Symposium #2 (continue) –Modern technology of biopreservation and entrepreneur– **Rome Hall**
Chair: Wendell Sun and Kelvin Brockbank
- 10:45 – 12:45** Symposium #4 –Cryopreservation of stem cells and immune cells– **Dubai Hall**
Chair: Erik Woods, Wei Si and Tingyu Qu
- 10:45 – 12:45** Session #2 –Vitrification: Basic Fundamentals, Practical Applications and Equipment – **London Hall**
Chair: Igor Katkov and Gang Zhao
- 10:45 – 12:45** Session #3 – Micro and nano technology for cryobiology – **Hong Kong Hall**
Chair: Feng Xu and Adam Higgins
- 12:45 – 13:30** Box Lunches Provided – **Hotel Corridor (Third Floor)**
- 3 concurrent sessions/symposia in the afternoon**
- 13:30 – 15:30** Symposium #5 – Cryopreservation of reproductive cells and tissues – Dubai Hall
Chair: Yunxia Cao, Keisuke Edashige and Yuksel Agca

- 13:30 – 15:30** Symposium #6 –Animal cryobiology and conservation of endangered species – **Rome Hall**
Chair: Tiantian Zhang and Wei Si
- 13:30 – 15:30** Session #4 –Biopreservation in the dry State – **London Hall**
Chair: Willem Wolkers, Wendell Sun and Baolin Liu
- 15:30 – 16:00** Coffee Break – **Hotel Corridor (Third Floor)**
- 16:00 – 18:00** Session #5 –Plant cryobiology and cryopreservation
Chair: Haeng-hoon Kim and Barbara M. Reed
- 16:00 – 18:00** Symposium #7 –Biobank and precision medicine
Chair: Hengjun Gao and Yiwu He
- 16:00 – 18:00** Symposium #8 –Cryopreservation of blood cells and blood products
Chair: Jason Acker and Zhong Liu – **Rome Hall**
- 18:00 – 20:00** Poster Session #2 – **International Hall B**

Sunday, July 23, 2017

- 08:00 – 17:30** Meeting Registration – **Hotel Lobby (Ground Floor)**

3 concurrent sessions/symposia/workshops in the morning

- 8:30 – 10:30** Session #6 – Fertility Cryopreservation – **Dubai Hall**
Chair: Yuksel Agca, Gang Zhao and Bo Jin
- 8:30 – 10:30** Session #7 – Peter L. Steponkus Crystal Award Competition Presentations – Rome Hall
Chair: James Benson
- 8:30 – 10:30** Session #8 – Precise Cryotherapy and Hybrid Tumor Treatment – **London Hall**
Chair: Shaozhi Zhang and Zhongshan Deng
- 10:30 – 10:45** Coffee Break – **Hotel Corridor (Third Floor)**
- 10:45 – 12:45** Session #9– Bio-inspired cryopreservation – **Dubai Hall**
Chair: Wei Rao and James Benson
- 10:45 – 12:45** Session #10 –Tribute to Prof. TC Hua –Dubai Hall
Chair: Baolin Liu and Zhaohua Chang
- 10:45 – 12:45** Session #11– Clinical Delivery of Regenerative Medicines – **London Hall**
Chair: Ali Eroglu and Yuksel Agca
- 12:45 – 13:30** Session #12 - Box Lunches Provided – **Conference hall**
- 13:30 – 17:30** ICYR Activities
- 16:30 - 17:30** Session #13 - Cryo2018 Planning Meeting
- 17:30 – 18:30** Session #14 - Society for Cryobiology general meeting
- 19:00 – 21:00** Society of Cryobiology Gala Banquet / Awards Presentations – **Cafeteria (Fourth Floor)**