



July 19-23, 2009
SAPPORO, JAPAN

Invitation

The Organizing Committee of the 46th Annual Meeting of the Society for Cryobiology (CRYO2009) is pleased to open this website to provide the conference information for all who are planning to participate or interested in CRYO2009 which will be held in Sapporo, Japan, on July 19 to 23, 2009. We cordially invite all of you to join the vital and fruitful discussion in all fields of cryobiology-related research.

CRYO2009 will be held at the Conference Hall on the campus of Hokkaido University, located in the center of Sapporo in Hokkaido, a northern island of Japan. We are proud to host the CRYO2009 meeting at Hokkaido University that has had a long history of pioneer works on cryobiology research. Hokkaido University was established as Sapporo Agricultural School in 1876 as the first college to offer bachelor's degrees in Japan. The University is also of renown for the "most beautiful college campus" in the nation.

CRYO2009 will be the third annual meetings of the Society for Cryobiology held in Japan but the first in Sapporo. The previous CRYO meetings in Japan were held in 1979 in Tokyo and 1994 in Kyoto.

We are still at preliminary planning stage of the conference and very much would like to ask your input and advice to make CRYO2009 enjoyable and fruitful. As the Society's homepage states (<http://www.societyforcryobiology.org>), annual scientific meetings are one of the two primary ways to fulfill the Society's objectives and dedicated to all aspects of low-temperature biology. This international meeting offers opportunities for presentation and discussion of the most up-to-date research in cryobiology as well as reviewing specific aspects through symposia and workshops. At Cryo2009, participants will be expected to bring the recent findings together and present up-to-the-minute views of active research programs in the cryobiology or related fields. Cryo2009 will include plenary (invited) lectures, selected oral presentations and poster sessions. In addition, we offer several interesting social programs for everyone who come to join us in CRYO2009.

URL : <http://www.agr.hokudai.ac.jp/cryo09sapporo/>
Contact : cryo09sapporo@for.agr.hokudai.ac.jp

Topics

CRYO-09 covers a variety of topics of low temperature science and technology

Cryopreservation of Cell, Tissue, Organ and Genetic Resources
 Cryosurgery and Cryomedicine
 Cell, Tissue and Organ Banking
 Hypothermic Preservation and Transplantation
 Hypothermia
 Tissue Engineering
 Thermal and Mechanical Properties
 Medical Devices in Cryobiology
 Cryomicroscope and Cryo EM Techniques and Imaging
 Structure of Water and Ice
 Cryoprotective Agents
 Ice-Cell Interactions
 Freezing, Supercooling, Glass Transition and Vitrification
 Desiccation, Anhydrobiosis, Lyophilization and Freeze Drying
 Anti-Ice Nucleation Substances
 Antifreeze Proteins and Glycoproteins
 Hibernation
 Cold acclimation
 Impact of Global Warming on Cryobiology
 Biological Adaptation to Cold and Freezing
 Ecology at Low and Freezing Temperatures
 Cryobiology for Agriculture

Registration

Registration fee is as follows:

	General	Student
By May 20, 2009	¥ 40,000	¥ 20,000
On May 20, 2009 or later	¥ 55,000	¥ 25,000

Registration fee includes registration cost, an abstract book, daily breakfast and lunches, welcome reception, stationeries and bag, and all refreshments during coffee breaks and poster sessions.

We will announce how to register to attend the CRYO09 meeting on this website soon.

All participants are welcome to attend excursion tour in the afternoon of July 22 and the CRYO2009 Banquet in the evening of July 23. Fee of these two programs will be determined and announced shortly on this website.

Please visit our website often.

Organizing Committee

Co-Chairs

Seizo Fujikawa: Hokkaido University, Japan
 Toru Tamaki: Sapporo Hokuyu Hospital, Japan
 Matsuo Uemura: Iwate University, Japan

Local Advisers

Eizou Asahina: Sapporo, Japan
 Akira Sakai: Sapporo, Japan
 Sajio Sumida: Tokyo, Japan

Local Organizing Committee Members

- Serean Adams: Cawthron Institute, New Zealand
- Hiroshi Azuma: Hokkaido Red Cross Blood Center, Japan
- Surjya Narayan Dash: Central Institute of Freshwater Aquaculture, India
- Sok Siam Gouk: National University of Singapore, Singapore
- Junta Harada: Jikei University School of Medicine, Japan
- Tamotsu Hoshino: National Institute of Advanced Industrial Science and Technology, Japan
- Tse-Chao Hua: Shanghai University of Science and Technology, PR China
- Haeng-Hoon Kim: National Agrobiodiversity Center, Republic of Korea
- Ryozo Imai: National Agricultural Research Center, Japan
- Hiroshi Ishiguro: Kyushu Institute of Technology, Japan
- Mari Iwaya-Inoue: Kyushu University, Japan
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- Syuzo Kawamura: Hokkaido University, Japan
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- Mi-Young Lee: SoonChunHyang University, Republic of Korea
- Natalia G. Li: Institute for Biological Problems of Cryolitzone, Russia
- Ta-Te Lin: National Taiwan University, Taiwan
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- Baolin Liu: Shanghai University of Science & Technology, PR China
- Osato Miyawaki: Ishikawa Prefectural University, Japan
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- Minoru Sakurai: Tokyo Institute of Technology, Japan
- Tadashi Shimizu: Hokkaido University, Japan
- Toru Suzuki: Tokyo Marine University, Japan
- Hiroko Takagi-Watanabe: Japan International Research Center for Agricultural Sciences, Japan
- Tsuneo A Takahashi: New York Blood Center, USA & Japan
- Tsuyoshi Wakabayashi: Iwate Medical University, Japan
- Toshihiko Yamada: Hokkaido University, Japan

Secretary:

Keita Arakawa: Hokkaido University, Japan