



About ISOTT

The International Society on Oxygen Transport to Tissue is an interdisciplinary society comprising about 250 members worldwide. Its purpose is to further the understanding of all aspects of the processes involved in the transport of oxygen from the air to its ultimate consumption in the cells of the various organs of the body.

The annual meeting brings together scientists, engineers, clinicians and mathematicians in a unique international forum for the exchange of information and knowledge, the updating of participants on latest developments and techniques, and the discussion of controversial issues within the field of oxygen transport to tissue.

Founded in 1973, the society has been the leading platform for the presentation of many of the technological and conceptual developments within the field both at the meetings themselves and in the proceedings of the society. These have been published by Kluwer Academic/Plenum Publishers in its Advances in Experimental Medicine and Biology series and lately by Springer.

Examples of areas in which members have made highly significant contributions include electrode techniques, spectrophotometric methods, mathematical modeling of oxygen transport, the understanding of local regulation of oxygen supply to tissue and fluorocarbons/blood substitutes.



<http://www.congre.co.jp/isott2008/>

The International Society on Oxygen Transport to Tissue

ISOTT2008

First Announcement

AUGUST 3-7, 2008
SAPPORO, JAPAN



Welcome to ISOTT 2008

On behalf of the Organizing Committee, we cordially welcome you to Sapporo, Japan for the ISOTT2008, which will be held during August 3-7, 2008.

Oxygen has played the substantial role in the evolution process of biological systems, including human, as the key molecule for energy production and genetic adaptation to the environment. Considering that physiological function of oxygen is extremely diverse, multidisciplinary researches involving basic medical scientists, clinicians, biomedical engineers should be push forward. This is the very "raison d'etre" of the International Society on Oxygen Transport to Tissue, ISOTT.

Construction of Sapporo began in 1869, a relatively young city in Japan. It is the Capital of Hokkaido Prefecture and has grown rapidly to become the fifth biggest city in Japan, with a current population of 2 millions. You will enjoy both the urban atmosphere in the city and the rich nature in the surrounding area. The warm hospitality and beautiful landscape of Sapporo will refresh and empower ISOTT participants for future excellence-in-science.

With wonderful memories of ISOTT-1987, organized by Professor Masaji Mochizuki, we are honored to host the ISOTT2008 in Sapporo. We can hardly wait to say "Welcome back" to All of You.

Eiji Takahashi, Ph.D.
President, ISOTT2008

Mamoru Tamura, Ph.D.
Honorary President, ISOTT2008

General Information

Date: August 3-7, 2008

Venue: Sapporo Prince Hotel

Nishi 11 chome, Minami 2 Jyo,
Chuoku, Sapporo, Hokkaido 060-8615, Japan
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Committees

| | |
|----------------------------|--|
| President | Eiji TAKAHASHI (Yamagata) |
| Vice President | Ichiro KUWAHIRA (Tokyo) Hirosuke KOBAYASHI (Sagamihara) |
| Honorary President | Mamoru TAMURA (Sapporo) |
| Local Organizing Committee | Ichiro KUWAHIRA (Tokyo) Shunsaku KOGA (Kobe) Hirosuke KOBAYASHI (Sagamihara) Yoko HOSHI (Tokyo) Katsuyuki YAMAMOTO (Sapporo) Akitoshi SEIYAMA (Osaka) Kaoru SAKATANI (Tokyo) |

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Program

Invited Lectures

Organized Sessions

- NIR (basic technology)
- NIR (application)
- Exercise & oxygen transport
- Blood substitute
- Oxygen transport by microcirculation
- Oxygen microenvironment in cancer
- Clinical application of oxygen transport theory

Asians Session

Oral/Poster Presentations

