



The 9th International Conference on the
Biology, Chemistry, and Therapeutic Applications of Nitric Oxide
 The 16th Annual Scientific Meeting of the **Nitric Oxide Society of Japan**



Japanese ▶

Home ▶

Greeting ▶

Outline ▶

Information ▶

Program ▶

Call for Abstract ▶

YIA(TA) offer ▶

Pre-registration ▶

Access ▶

Accommodation ▶

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The 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide has successfully finished in conjunction with the 16th Annual Scientific Meeting of the Nitric Oxide Society of Japan.

We had approximately 300 participants from all over the world and all over Japan.

I believe that we were able to deepen our discussions in each session, as well as mutual friendship.

I greatly appreciate for your contributions and supports for the Meeting.

We will see each other at the 10th International NO Conference in Oxford, UK, in 2018.

Hiroaki Shimokawa, MD., PhD.

President

The 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide
 Professor and Chairman

Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine

**The 9th International Conference on the
 Biology, Chemistry, and Therapeutic Applications of Nitric Oxide**

President **Hiroaki Shimokawa, MD, PhD.** Professor, Tohoku University

Outline

Dates

May 20-22, 2016

On May 20, program will start at 8:30 AM and finish at 6:05 PM on May 22.

Venue

[Sendai International Center](#)

President

Hiroaki Shimokawa (Professor, Tohoku University)

Chairperson of Program Committee

Takaaki Akaike (Professor, Tohoku University)

Joint Meeting

The 16th Annual Scientific Meeting of the Nitric Oxide Society of Japan

President: Kohji Fukunaga (Professor, Tohoku University)

Greeting



Hiroaki Shimokawa, MD, PhD.

President

The 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide

Professor and Chairman, Department of Cardiovascular Medicine, Tohoku University Graduate School of Medicine

Greetings from the President of the 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide

I am pleased to host the 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide in conjunction with the 16th Annual Scientific Meeting of the Nitric Oxide Society of Japan, chaired by President Kohji Fukunaga, professor at Tohoku University.

The Nitric Oxide Society of Japan was inaugurated by 20 researchers in May 2000 in response to a series of moves aimed at establishing NO societies in many parts of the world after the Nitric Oxide Society was founded in the United States in 1996 on the back of NO studies' gaining momentum on a global scale. The scientific meeting has been held annually since 2001 (please refer to "The Purport of Establishment" and "The Scientific Meeting" on the society's website).

The International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide has been held every two years in different parts of the world since 2000. In Japan, the third conference was organized by Dr. Naoyuki Taniguchi in Nara in 2004 and the 6th conference by Dr. Takaaki Akaike in Kyoto in 2010.

The year 2016 will mark the 30th anniversary of the identification of NO as an major endothelium-derived relaxing factor (EDRF) by the research groups of Dr. Furchgott and Dr. Ignarro. The importance of NO has been brought to light by immense advances in NO research. In 1998, three researchers, Dr. Furchgott, Dr. Ignarro, and Dr. Murrad, who demonstrated that cGMP is involved in the vasorelaxation mechanism of NO, were awarded the Nobel Prize in Physiology or Medicine.

NO research has become even more active on a global scale after the Nobel Prize was awarded to the three researchers in 1998. Reports of new findings in both basic and clinical research have appeared one after another. Specifically, in addition to the vasorelaxant and anti-arteriosclerotic effects of NO, it has become increasingly clear that NO plays a critical role in the functional maintenance of most cells as a signal molecule.

It is a great honor for us to host the International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide here in Japan in the year marking the 30th anniversary of NO studies.

I sincerely hope that researchers from all over the world will get together to engage in active exchanges of the latest information in NO research, with the common goal of furthering research and development in this area.

当科の下川教授が、第9回国際NO学会学術集会（5月20日～22日、仙台国際センター）を主催しました。

第16回日本NO学会学術集会（会長：福永浩司東北大学薬学研究科教授）との合同開催でした。

国内外から約300名の参加者があり、NOに関する最新の研究成果が発表されました。

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