



# **REDOX WEEK in SENDAI 2022**

## **Meeting Program**

**Date: Oct 28 – Nov 1, 2022,  
Venue: Tohoku University, Sendai, JP**

- **The 2nd STINT-JSPS Joint Symposium**
- **Tohoku Forum of Creativity Thematic Program**
- **The 12th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide**
- **The 22nd Annual Scientific Meeting of the Nitric Oxide Society of Japan**
- **4th International Conference on Persulfide and Sulfur Metabolism in Biology and Medicine**

2022. 10. 28 (Fri)  
STINT-JSPS Joint Symposium

**10:30**

Plenary Lecture 1 by Elias Arnér

**11:15**

Plenary Lecture 2 by Yoshiro Saito

**12:00**

Lunchtime

**13:00**

Session

**15:00**

Young Session

**Room A**

**17:30**

**NOSJ Board Member Meeting**

# 2022. 10. 29 (Sat) NO meeting & TFC International Symposium (1)

9:00-9:45		
<b>Plenary Lecture PL1 by Dr. Takaaki Akaike (Room A)</b>		
10:00-12:00		
<b>Session N1</b> NO and Supersulfide in Cardiovascular Regulation <b>TFC Session</b>	<b>Session N2</b> NO and Supersulfide in Neural Function	<b>Session N3</b> NO and Supersulfides in Inflammation and Aging <b>TFC Session</b>
12:15-12:45		
<b>NOSJ Council and General Meeting</b>		
13:00-13:45		
<b>Plenary Lecture PL2 by Dr. Philip Eaton (TFC lecture)</b>		
14:00-14:50		
<b>Poster Session</b>	<b>Poster Session</b>	
15:00-15:50		
<b>Oral Session O1</b>	<b>Oral Session O2</b>	<b>Oral Session O3</b>
16:00-18:00		
<b>Session N4</b> Nitrite Biology I	<b>Session N5</b> Arginine and Arginase - from Sickle Cell Disease to COVID <b>TFC Session</b>	<b>Session N6</b> NO and Supersulfides in Plants
<b>Venue A</b>	<b>Venue B</b>	<b>Venue C</b>
19:00		
<b>International NO Board Member Meeting</b>		

# 2022. 10. 30 (Sun) NO meeting & TFC International Symposium (1)

9:00-9:45 <b>Plenary Lecture PL3 by Dr. Erika Pearce (TFC lecture)</b>			
10:00-12:00 <b>Session N11</b> Nitrite Biology II <b>TFC Session</b>	<b>Session N8</b> Zn in Relation with NO and Supersulfides	<b>Session N9</b> Metabolomics and Proteomics in NO and Supersulfide Signaling	<b>Session N10</b> Oxidative & Nitrosative Stress in Respiratory Diseases
12:10-12:55 <b>Lunch Seminar by Dr. Fumito Ichinose (Mallinckrodt Pharmaceuticals seminar)</b>			
13:00-13:45 <b>Plenary Lecture PL4 by Dr. Yasuteru Urano (TFC lecture)</b>			
14:00-14:50 <b>Poster Session</b>	<b>Poster Session</b>		
	15:00-15:50 <b>Oral Session O4</b>	<b>Oral Session O5</b>	<b>Oral Session O6</b>
15:30-18:00 <b>Session N7</b> NO and Sulfur Metabolism in Cancer <b>TFC Session</b>	16:00-18:00 <b>Session N13</b> NO and Supersulfides in Signal Transduction <b>TFC Session</b>	<b>Session N14</b> Rising Star session	<b>NOSJ</b> Plenary Lecture by <b>Dr. Hiroaki Shimokawa</b>
Closing remarks by Dr. Nishida			
<b>Venue A</b>	<b>Venue B</b>	<b>Venue C</b>	<b>Venue D</b>

2022. 10. 31 (Mon)

**Tohoku Forum of Creativity Thematic Program**  
**~Sulfur and Redox Metabolism~**

8:45-9:00			Opening remark by Prof. Motoko Kotani		
9:00-9:45			Plenary Lecture PL5 by Dr. Masi Yamamoto		
10:00-12:00			Session T1 Metabolism of Metal, Sulfur and Selenium in Redox Biology and Medicine		Session T2 Young Investigator session
12:10-12:55			Lunch Seminar by Dr. Toyama (Shimadzu Corporation)		
13:00-15:30			Session S1 Sulfur and Oxygen Redox Biology and Medicine	Session S3 Supersulfide in Development and Aging IDAC-CERA session	Session T4 Protein Quality Control through Redox Regulation
15:40-18:40		Session S2 Redox Biology in Reactive Sulfur, Oxygen, and Chalcogens	15:40-17:40		Session T5 Mitochondria Biology and Human Disease I
					Session T3 Structural Biology for Deciphering Supersulfide Function
Venue A			Venue C		Venue D

**Free Sendai Night**

2022. 11. 1 (Tue)

**Tohoku Forum of Creativity Thematic Program**  
**~Sulfur Redox Medicine and Diseases~**

9:00-9:45 **Plenary Lecture PL6 by Dr. Toshio Suda**

10:00-12:00 <b>Session T7</b> Dr. Maeda Memorial Session	<b>Session T6</b> Mitochondria Biology and Human Disease II IDAC-CERA session	<b>Session T9</b> Redox Biology in Cancer and Carcinogenesis
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12:10-12:55 **NOSJ Dr. Maeda Memorial Lunch Seminar (Dr. Matsumura)**

13:00-16:30 <b>Session T8</b> Redox Biology in Human Diseases and Their Model Animals	13:00-15:30 <b>Session S4</b> NO and Supersulfide in Prokaryotes MEXT "Sulfur Biology" session	13:00-15:00 <b>Session S5</b> Redox and Environmental Science
		15:10-17:10 <b>Session T10</b> Chemical Biology utilizing NO and Supersulfides

17:15 **Award Ceremony**  
Closing remarks by Dr. Akaike

**Venue A**

**Venue C**

**Venue D**

18:30 **Invited speaker dinner (Westin)**