

**International Symposium on  
Aldosterone and Related Substances in Hypertension 2010, Sendai**

**Scientific Program**

(Up dated on March 11, 2010)

**March 23, Tuesday - March 24, Wednesday 2010, Sendai , JAPAN**

**Venue : Hotel Metropolitan Sendai (4F, Room Sendai )**

<http://www.s-metro.stbl.co.jp/english/index.html>

<b>Organizers : Chair</b>	<b>Sadayoshi Ito</b> (Vice Dean for Tohoku University Graduate School of Medicine)
<b>Co-Chairs</b>	<b>John W. Funder (Monash Medical Centre)</b> <b>William F. Young Jr. (Mayo Clinic)</b> <b>Isamu Miyamori (University of Fukui)</b>
<b>Program Committee</b>	<b>Tetsuo Nishikawa (Yokohama Rosai Hospital)</b> <b>Fumitoshi Satoh (Tohoku University)</b>
<b>Chief Organizer</b>	<b>Hiroshi Sato (Tohoku University)</b>

**March 23, Tuesday 2010**

**17:00-17:15 Opening Remarks : Sadayoshi Ito (Tohoku University, Japan )**

**17:15-19:30 Evening Symposium: Renal and Adrenal Mechanism of Hypertension**

**Sponsored by Novartis Pharma K.K.**

Chair: **Sadayoshi Ito (Tohoku University, Japan)**  
**William F. Young Jr. (Mayo Clinic, U.S.A)**

**17:15-17:45 Invited Lecture 1** *Extrarenal Effects of Aldosterone: Focus on the Human Heart*  
**A.H.J.Danser (Erasmus MC, The Netherlands)**

**17:45-18:15 Invited Lecture 2** *Multifunction of (pro) Renin Receptor*  
**Atsuhiko Ichihara (Keio University, Japan)**

**18:15-18:45 Invited Lecture 3** *Efficacy and Safety of Aliskiren  
in Japanese Patients with Hypertension*  
**Toshio Kushiro (Nihon University, Japan)**

**18:45-19:30 Invited Lecture 4** *Prevalence of Primary Aldosteronism in Hypertension:  
are Screening and Diagnosis Rewarded ?*  
**Franco Mantero (University of Padua, Italy)**

**19:30-22:00 Welcome Dinner**

(Sadayoshi Ito, Kaoru Yoshinaga, Keishi Abe)

March 24, Wednesday 2010

7:30-8:30 Morning Lecture : CKD & Renin-Angiotensin Aldosterone System

Sponsored by Merck-Banyu Co.,Ltd.

Chair: Isamu Miyamori (University of Fukui, Japan)  
Hiroshi Sato (Tohoku University, Japan)

7:30-8:00 Invited Lecture 5 *Impact of Uric Acid on the Renal Function  
and Cardiovascular Event in CKD patient  
- from J-HEALTH STUDY -*  
Sadayoshi Ito (Tohoku University, Japan)

8:00-8:30 Invited Lecture 6 *Possible Mechanisms Responsible for Aldosterone- and  
Mineralocorticoid Receptor-Dependent Renal Injury*  
Akira Nishiyama (Kagawa University, Japan)

8:35-9:55 Oral Session I : Renin-Angiotensin and Hypertension

Sponsored by Astellas Pharma Inc.

Nippon Boehringer Ingelheim Co.,Ltd

Chair: Toshio Miyata (Tohoku University, Japan)  
A.H.J.Danser (Erasmus MC, The Netherlands)

8:35-9:15 Invited Lecture 7 *Towards the Renal Oxygen Biology  
in Renin Angiotensin System and Hypertension*  
Takefumi Mori (Tohoku University, Japan)

9:15-9:55 Invited Lecture 8 *Crosstalk between Advanced Glycation End Products (AGE) and  
Renin-Angiotensin System(RAS) in Vascular Complications in Diabetes*  
Sho-ichi Yamagishi (Kurume University, Japan)

9:55-10:10 Coffee Break

10:10-12:10 Oral Session II : Mineralocorticoid Receptor and

Aldosterone Action in Hypertension

Sponsored by Bayer Schering Pharma

Chair: Toshihiko Yanase (Fukuoka University, JAPAN)  
Kazuhiro Takahashi (Tohoku University, JAPAN)

10:10-11:00 Invited Lecture 9 *Aldosterone, Sodium and Hypertension: Lessons from Torcetrapib?*  
John W. Funder (Monash Medical Centre, Australia)

11:00-11:40 Invited Lecture 10 *Mineralocorticoid Receptor and Cardiovascular Control*  
Celso E. Gomez-Sanchez (The University of Mississippi, U.S.A)

11:40-12:10 Invited Lecture 11 *Roles and Regulation of Mineralocorticoid Receptor Activation  
in Cardiovascular and Renal Disease*  
Miki Nagase (The University of Tokyo, Japan)

March 24, Wednesday 2010

**12:20-13:20 Luncheon Seminar: Roadmap Study & Pathophysiology of Steroid Synthesis**

**Sponsored by Daiichi-Sankyo Co., Ltd.**

Chair: Hironobu Sasano (Tohoku University, Japan)  
Takaaki Abe (Tohoku University, Japan)

12:20-12:50 Invited Lecture 12 *Strict Blood Pressure Control with ARB  
from the Early Stage of Diabetic Nephropathy*  
Shigehiro Katayama (Saitama Medical University, Japan)

12:50-13:20 Invited Lecture 13 *Definition of the Human Adrenal Steroid Metabolome*  
William E. Rainey (Medical College of Georgia, U.S.A)

13:20-13:30 Coffee Break

**13:30-14:30 Oral Session III: Aldosterone Synthesis and Histopathology**

**Sponsored by Shionogi & Co., Ltd.**

Chair: Williams E. Rainey (Medical College of Georgia, U.S.A)  
Kazuhisa Takeuchi (Koujinkai Hospital, Japan)

13:30-14:00 Invited Lecture 14 *Surgical Pathology of Aldosterone Producing Adrenocortical Lesions*  
Hironobu Sasano (Tohoku University, Japan)

14:00-14:30 Invited Lecture 15 *Regulation of CYP11B2 Expression  
in Human Adrenal Cortex and Adrenocortical Tumors*  
Hirotaka Shibata (Keio University, Japan)

14:30-14:45 Coffee Break

**14:45-16:45 Oral Session IV: Primary Aldosteronism**

**Sponsored by Kyowa Hakko Kirin Co., Ltd.**

Chair: Franco Mantero (University of Padua, Italy)  
Akira Sugawara (Tohoku University, Japan)

14:45-15:15 Invited Lecture 16 *Primary Aldosteronism (PA)—The Mayo Clinic Approach*  
William F. Young Jr. (Mayo Clinic, U.S.A)

15:15-15:45 Invited Lecture 17 *How Can We Manage the Patients with Primary Aldosteronism (PA),  
Showing Bilateral Hyperaldosteronemia ?*  
Tetsuo Nishikawa (Yokohama Rosai Hospital, Japan)

15:45-16:15 Invited Lecture 18 *Primary Aldosteronism*  
Gian Paolo Rossi (University of Padua, Italy)

16:15-16:45 Invited Lecture 19 *Controversial Aspects Concerning Diagnosis  
and Management of Primary Aldosteronism*  
Fumitoshi Satoh (Tohoku University, Japan)

**March 24, Wednesday 2010**

**16:45-17:30 Panel Discussion: The Diagnosis and Treatment of Primary Aldosteronism**

**Sponsored by Mochida Pharmaceutical Co.,Ltd.**

**Chair: John W. Funder (Monash Medical Centre, Australia)**

**17:30-18:30 Poster Presentation with Coffee**

**18:30-19:50 Evening Seminar: Resistant Hypertension and Aldosterone**

**Sponsored by Pfizer Japan Inc.**

**Chair: Sadayoshi Ito (Tohoku University, Japan)  
Tetsuo Nishikawa (Yokohama Rosai Hospital, Japan)**

**18:30-19:10 Invited Lecture 20** *Clinical Effects of Eplerenone, a Selective Aldosterone Blocker (SAB),  
in Japanese Patients with Essential Hypertension*  
**Atsuhisa Sato**  
(International University of Health and Welfare Mita Hospital, Japan)

**19:10-19:50 Invited Lecture 21** *Resistant Hypertension and Aldosterone*  
**Paolo Mulatero (The University of Torino, Italy)**

**20:10-20:20 Welcome Cocktail**

**20:20-22:00 Symposium Dinner and Presentation with Young Investigator Award**