

The 8th Chronic Kidney Disease Frontier Meeting

Date: February 23 (Sat.) 2019

Venue: WINC AICHI (Aichi Industry & Labor Center

4-4-38, Meieki, Nakamura-ku, Nagoya 450-0002, Aichi, JAPAN

Program

▪ Hall 1 (Small Hall 1)

9:30-9:35 Opening Remarks

OP Shoichi Maruyama

Department of Nephrology, Internal Medicine, Nagoya University Graduate School of Medicine, Japan

▪ Hall 1 (Small Hall 1)

9:35-10:15 Sponsored Seminar 1

“ Uremic Toxin”

Chair : Ichiei Narita (Division of Clinical Nephrology and Rheumatology, Niigata University, Japan)

Hitoshi Sugiyama (Okayama University Graduate School, Japan)

SS1-01 uremic toxins millennia

Takaaki Abe

Division of Medical Science, Tohoku University Graduate School of Biomedical Engineering, Department of Clinical Biology and Hormonal Regulation, Tohoku University Graduate School of Medicine, Japan

SS1-02 Evaluation of indoxyl sulfate measurement using a new reagent in the enzyme method

Toru Maruyama

Department of Biopharmaceutics, Graduate School of Pharmaceutical Sciences, Kumamoto University, Japan

Sponsored by Mitsubishi Tanabe Pharma Corporation

▪ Hall 1 (Small Hall 1)

10:15-10:55 Special Invited Lecture 1

Chair : Shoichi Maruyama (Department of Nephrology, Internal Medicine, Nagoya University Graduate School of Medicine, Japan)

SL1 Can the control of uremic toxin improve renal outcome in patients with advanced renal dysfunction?

Yon Su Kim

Department of Internal Medicine, Seoul National University College of Medicine, Korea

▪ Hall 1 (Small Hall 1)

10:55-11:55 Oral Presentations 1

Chair : Naotake Tsuboi (Department of Nephrology Fujita Health University School of Medicine, Japan)

Ryohei Yamamoto (Health and Counseling, Osaka University, Japan)

O1-01 A Multicenter Study of the Predictive Value of Crescents in IgA Nephropathy
Ritsuko Katafuchi
Kidney Unit, National Fukuoka Higashi Medical Center, Japan

O1-02 Clinical characters associated with fast eGFR decline patients with just before dialysis initiation: Demographic baseline data of Ibaraki Dialysis Initiation Cohort Study (IDIC Study)
Takashi Tawara
Department of Nephrology, Faculty of Medicine, University of Tsukuba, Japan

O1-03 Extended-hours hemodialysis could be effective in improving mortality on the elderly dialysis patients
Masaki Okazaki
Nagoya University Graduate School of Medicine, Department of Nephrology, Japan.

O1-04 Validation study of oxford classification of IgA nephropathy: the significance of maximal glomerular diameter (MaxGD)
Hiroshi Kataoka
Department of Medicine, Kidney Center, Tokyo Women's Medical University, Japan / Clinical Research Division for Polycystic Kidney Disease, Department of Medicine, Kidney Center, Tokyo Women's Medical University, Japan

O1-05 PHD inhibitor and hypoxia influence on skeletal muscle glucose metabolism
Koji Takemura
The University of Tokyo School of Medicine, Division of Nephrology and Endocrinology, Japan
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▪ Hall 2 (Small Hall 2)

10:55-11:55 Oral Presentations 2

Chair : **Kentaro Kohagura (Dialysis Unit, University of the Ryukyus Hospital, Japan)**
Yoshio Terada (Department of Endocrinology, Metabolism and Nephrology, Kochi Medical School, Japan)

O2-01 Low Red Blood Cell Indices and Serum Ferritin Levels as a Risk Factor of Cardiovascular Disease and All-Cause Mortality
Satoshi Yamaguchi
Nephrology, Osaka Univ Graduate School of Medicine, Japan

O2-02 Ten-year follow-up study of the OCTOPUS participants
Takuhiro Moromizato
Okinawa Prefectural Nanbu Medical Center & Children's Medical Center, Japan

O2-03 Aging and renal arterio-arteriosclerosis in relatively younger patients with chronic kidney disease
Nanako Oshiro
Department of Cardiovascular Medicine, Nephrology and Neurology, Graduate School of Medicine, University of the Ryukyus, Japan

O2-04 Serum uric acid level is associated with renal arteriolar hyalinosis and can predict 1 year renal function in living kidney donors
Yuzuki Kano

Department of Nephrology, Rheumatology, Endocrinology and Metabolism, Japan

O2-05 Clinical impact of serum indoxyl sulfate measured by new enzyme method in patients with chronic kidney disease

Yoshinari Yasuda

Department of Nephrology, Internal Medicine, Nagoya University Graduate School of Medicine

▪ **Hall 1 (Small Hall 1)**

11:55-12:25 Luncheon Seminar 1

Chair : Kunitoshi Iseki (Nakamura Clinic, Japan)

LS1 A Novel Therapeutic Strategy of ADPKD

Yoshitaka Isaka

Department of Nephrology, Osaka University Graduate School of Medicine, Japan

Sponsored by Otsuka Pharmaceutical Co., Ltd.

▪ **Hall 2 (Small Hall 2)**

11:55-12:25 Luncheon Seminar 2

Chair : Hitoshi Yokoyama (Division of Nephrology Kanazawa Medical University, Japan)

LS2 Growing Challenge of the Treatment for the Diabetic Kidney Disease

Daisuke Koya

Department of Diabetology & Endocrinology, Kanazawa Medical University

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▪ **Hall 1 (Small Hall 1)**

12:25-12:55 Photo Session & Coffee Break

▪ **Hall 2 (Small Hall 2)**

12:25-12:55 Advisory Committee

▪ **Hall 1 (Small Hall 1)**

12:55-13:55 Oral Presentations 3

Chair : Yasuhiko Ito (Department of Nephrology and Rheumatology, Aichi Medical University, Japan)

Tetsuhiro Tanaka (Division of Nephrology and Endocrinology, the University of Tokyo Graduate School of Medicine, Japan)

O3-01 AMPK activation bypassing AMP sensing mechanism is a novel therapeutic strategy for chronic kidney disease

Hiroaki Kikuchi

Department of Nephrology, Tokyo Medical and Dental University, Japan

O3-02 Inorganic polyphosphate amplifies macrophage-inflammatory response induced by lipopolysaccharide

Toru Ito

Division of Clinical Nephrology and Rheumatology, Niigata University Graduate School of

Medical and Dental Sciences, Japan

O3-03 Mitochondrial DNA leakage causes inflammation via cGAS-STING signaling in cisplatin-induced tubular damage

Hiroshi Maekawa

Div of Nephrol and Endocrinol, The Univ of Tokyo Grad Sch of Med, Tokyo, Japan / Div of CKD Pathophysiol, The Univ of Tokyo Grad Sch of Med, Japan

O3-04 Evaluation of Glomerular Hemodynamic Function by Empagliflozin in Diabetic Mice using In vivo Imaging

Kengo Kidokoro

Department of Nephrology and Hypertension, Kawasaki Medical School, Japan

O3-05 Effects of fetuin-A-containing calciprotein particle (CPP) on posttranslational modifications of fetuin-A in HepG2 cells

Hideki Uedono

Osaka City University Graduate School of Medicine, Japan

▪ **Hall 2 (Small Hall 2)**

12:55-13:55 Oral Presentations 4

Chair : Hideo Yasuda (First Department of Medicine, Hamamatsu University School of Medicine, Japan)

Hideki Yokoi (Department of Nephrology, Kyoto University Graduate School of Medicine, Japan)

O4-01 TLR9-IL-17A axis contributes to development of septic AKI

Yoshitaka Naito

First Department of Medicine, Hamamatsu University School of Medicine, Japan

O4-02 Whole-kidney three-dimensional analysis (CUBIC-kidney) reveals abnormal renal sympathetic nerves after ischemia-reperfusion injury

Sho Hasegawa

Division of Nephrology and Endocrinology, The University of Tokyo, Japan

O4-03 Elucidation of the mechanism of kidney-gut crosstalk via the D-amino acid derived from microbiota

Yusuke Nakade

Department of Nephrology and Laboratory Medicine, Kanazawa University, Japan

O4-04 Gut microbiome-derived phenyl sulfate is a cause and predictive marker of albuminuria in diabetic kidney disease

Koichi Kikuchi

Tohoku University, Japan

O4-05 Developmental stages of tertiary lymphoid tissue reflect local injury and inflammation in murine and human kidneys

Yuki Sato

Department of Nephrology / Medical Innovation Center TMK Project, Japan

▪ **Hall 1 (Small Hall 1)**

13:55-15:15 Sponsored Seminar 2

“ CKD-MBD”

Chair : Masafumi Fukagawa (Division of Nephrology, Endocrinology and Metabolism,

Tokai University School of Medicine, Japan)
Kunihiro Yamagata (Department of Nephrology, Faculty of Medicine, University
of Tsukuba, Japan)

**SS2-01 Metacarpal Bone Mineral Density by Digital Image Processing Predicts
Fractures in Maintenance Hemodialysis Patients**

Yosuke Nakagawa

Division of Nephrology, Endocrinology and Metabolism, Tokai University School of Medicine,
Japan

**SS2-02 The impact of malnutrition-inflammation complex/cachexia syndrome (MICS)
on bone-vascular health in patients receiving maintenance hemodialysis: Results
from The Q Cohort Study**

Shunsuke Yamada

Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu
University, Japan

**SS2-03 PTH control practices in Japan compared with North America and Europe:
the Dialysis Outcomes and Practice Patterns Study**

Suguru Yamamoto

Division of Clinical Nephrology and Rheumatology, Niigata University Graduate School of
Medical and Dental Sciences, Japan

**SS2-04 CKD-MBD: Diagnosis accuracy of bone marker and bone histology in
diabetic kidney disease patients**

Paweena Susantitaphong

Division of Nephrology, Department of Medicine, Faculty of Medicine, King Chulalongkorn
Memorial Hospital, Chulalongkorn University, Thailand
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▪ **Hall 1 (Small Hall 1)**

15:15-15:30 Coffee Break

▪ **Hall 1 (Small Hall 1)**

15:30-16:30 Sponsored Seminar 3

“DKD Asia”

**Chair : Yukio Yuzawa (Department of Nephrology, Fujita Health University School of
Medicine, Japan)**

**Yusuke Suzuki (Department of Nephrology, Juntendo University Faculty of
Medicine, Japan)**

SS3-01 DIABETIC KIDNEY DISEASE AS A MAJOR CAUSE OF ESRD IN MONGOLIA

Ariunaa Togtokh

Mongolian National University of Medical Sciences, Mongolia

SS3-02 Diabetic Kidney Disease in China

Xiaoqiang Ding

Department of Nephrology, Zhongshan Hospital, Fudan University, China

SS3-03 Risk factors for renal outcome in patients with diabetic kidney disease

Chi-Chih Hung

Division of Nephrology, Department of Internal Medicine, Kaohsiung Medical University,

Taiwan

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▪ **Hall 1 (Small Hall 1)**

16:30-17:10 Sponsored Seminar 4

“DKD Japan”

Chair : Mamasaomi Nangaku (Division of Nephrology and Endocrinology, The University of Tokyo, Japan)

Takashi Wada (Division of Nephrology, Kanazawa University Hospital, Japan)

SS4-01 Essential points from the newly issued Clinical Practice Guidelines for CKD 2018

Hirokazu Okada

Department of Nephrology, Saitama Medical University, Iruma-gun, Japan

SS4-02 Effect of multifactorial intervention on diabetic kidney disease

Kojiro Ueki

Diabetes Research Center, Research Institute, National Center for Global health and Medicine, Japan

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▪ **Hall 1 (Small Hall 1)**

17:10-17:50 Special Invited Lecture 2

Chair : Naoki Kashihara (Department of Nephrology and Hypertension, Kawasaki Medical School, Japan)

SL2 Cardiovascular Comorbidity in People with Diabetes and Chronic Kidney Disease

Meda E. Pavkov

Centers for Disease Control and Prevention, USA

▪ **Hall 1 (Small Hall 1)**

17:50- Closing Remarks

▪ **Hall 2 (Small Hall 2)**

18:00-19:30 Farewell Dinner