

General Information

Name of the Meeting

The 9th Chronic Kidney Disease Frontier Meeting

Date

February 15 (Sat.), 2020

Venue

WINC AICHI (Aichi Industry & Labor Center), Nagoya, Japan
4-4-38, Meieki, Nakamura-ku, Nagoya 450-0002, Aichi, JAPAN
Phone: +81-52-571-6131 Fax: +81-52-571-6132

Meeting Chair

Shoichi Maruyama

Chairman of Advisory Committee of Chronic Kidney Disease Frontier Meeting
Department of Nephrology, Internal Medicine, Nagoya University Graduate
School of Medicine

Secretary General

Tomoki Kosugi

Yoshinari Yasuda

Department of Nephrology / CKD Initiatives, Nagoya University Graduate
School of Medicine

Secretariat

c/o Convention Linkage, Inc.

Asahiseimei Bldg., 3-32-20 Sakae, Naka-ku,

Nagoya, 460-0008 Japan

Phone: +81-52-262-5070

Fax: +81-52-262-5084

Email: ckd@c-linkage.co.jp

Information for Participants

Registration

The Registration Desk will be located at the lobby on the 5th floor.

Registration Fee: JPY1,000

*All the payment must be made in Japanese Yen in cash.

[Desk Open hours]

February 15 (Sat.) 9:30-17:30

Badge

You are kindly requested to wear the badge at all sessions and events.

Social Events

[Photo Session]

We will take memorial photo before Special Invited Lecture 1 at Hall 2.

[Farewell Party]

Date: February 15 (Sat.), 2020

Location: WINC AICHI, Small Hall 2

Time: 18:20-

Lunch

February 15 (Sat.): Lunch Box (Luncheon Seminar style)

Language

The Official language is English. There will be no interpretation provided.

Smoking Policy

Smoking is prohibited at any time in the meeting halls or any other places in the building except for those designated areas. Your kind cooperation is highly appreciated.

Cellular Phones

Please be sure to turn off or set to silent-mode while attending sessions.

Audio and Visual Recordings

Unpermitted audio and visual recordings are not allowed in the hall.

Lost and Found

Please visit the Registration Desk for lost and found.

Information for Chairpersons and Speakers

For Speakers

1. Presentation Time
Special Invited Lectures: Presentation and Discussion (40 min)
Symposium: Presentation and Discussion (20 min)
Oral Presentations: Presentation 8min, Discussion 4min
2. Please be sure to register your data at the PC Preview Desk (Lobby of the Hall) at least 30 minutes prior to your presentation.

Preparation of Presentation Data

1. MS Power Point (Windows ver. 2010 or later)
 - Please use the Windows standard fonts.
2. Resolution is XGA (1,024 × 768)
 - The use of higher resolution may result in various projection trouble.
3. Please bring your back-up data with you in case of data trouble. The Secretariat is responsible to delete data after the Meeting.
4. Please put 'Session ID' at the beginning of your filename.
5. If your presentation data is linked to other files (i.e. still or moving images, graphs, etc.), those linked files should also be saved in the same folder, The links are to be checked beforehand.
6. Please bring your presentation data with either USB flash memory or CD-ROM. You will be asked to preview it at the PC Preview Desk.
7. If you bring your own PC, please make sure to confirm the shape of output terminal and bring terminal for connection if necessary. Mini D-sub15 pin 3 row connector (normal monitor terminal) will be used for connection.
8. When the presentation data is prepared in Macintosh, please bring your own PC.

Presentation Language and Data

All presentations must be in English and all presentation data should be prepared in English.

For Chairpersons

1. Please be seated at 'Next Chairperson's Seat' in the front row in the session room at least 15 minutes prior to your session.
2. Please start and end your session at the appointed time. Punctuality is appreciated.

PC Preview Desk

Location: WINC AICHI 5F

[Open hours]

February 15 (Sat.) 9:15-17:30

Access

WINC AICHI

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

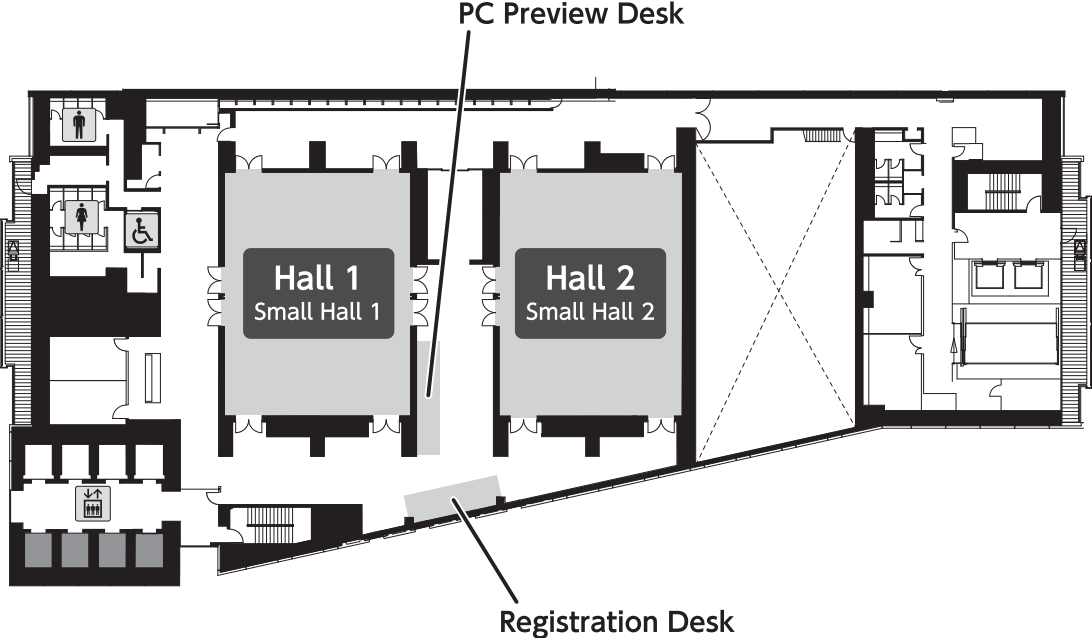
Phone: +81-(0)52-571-6131



From Nagoya Station to WINC AICHI
Approximately 5 to 10 minutes walk

Floor Map

WINC AICHI 5F



Time Schedule

Room	Hall 1	Hall 2
	Small Hall 1	Small Hall 2
10:00	9:55-10:00 Opening Remarks	
	10:00-10:50 Symposium 1 "Clinical Researches and Guidelines" Chairs: Hirokazu Okada, Masaomi Nangaku	[Session 1] Sponsored by Kyowa Kirin Co., Ltd. Speaker: Takayuki Hamano [Session 2] Speaker: Sydney Chi-Wai Tang
11:00	10:50-12:15 Oral Presentations 1 Chairs: Yasuhiko Ito, Hideki Yokoi Speakers: Yizhen Sang, Koichi Kikuchi, Toshiki Kano, Reiko Inoue, Ningning Wan, Ai Fujii, Taisuke Furusho	10:50-12:15 Oral Presentations 2 Chairs: Yukio Yuzawa, Naotake Tsuboi Speakers: Shimon Kurasawa, Hiroshi Okuda, Jiahe Qiu, Masao Tomita, Ryoya Tsunoda, Masayasu Kojima, Makoto Yamaguchi Sponsored by Torii Pharmaceutical Co., Ltd.
12:00	12:20-12:50 Luncheon Seminar 1 Chair: Hitoshi Sugiyama Speaker: Kei Fukami Sponsored by Sumitomo Dainippon Pharma Co., Ltd.	12:20-12:50 Luncheon Seminar 2 Chair: Takashi Wada Speaker: Tatsuya Suwabe Sponsored by Otsuka Pharmaceutical Co., Ltd.
		12:50-13:10 Advisory Committee Meeting
13:00	13:20-14:00 Special Invited Lecture 1 Chair: Naoki Kashihara Speaker: Shang-Jyh Hwang	13:10-13:20 Photo Session
	14:00-14:40 Sweets Seminar Chair: Akira Nishiyama Speaker: Eisei Sohara Sponsored by DAIICHI SANKYO COMPANY, LIMITED	
14:00	14:40-15:55 Oral Presentations 3 Chairs: Motoko Yanagita, Tetsuhiro Tanaka Speakers: Shigenori Yamamoto, Tomoyo Morioka, Taro Miyagawa, Sho Hasegawa, Hiroki Ishii, Seiji Kishi	14:40-15:55 Oral Presentations 4 Chairs: Masafumi Fukagawa, Ryohei Yamamoto Speakers: Kazunori Goto, Atsushi Hesaka, Yohei Doi, Ryohei Tomi, Atsuyuki Tokuyama, Nobuteru Usuda
15:00	15:55-16:45 Symposium 2 "Uremic Toxins" Chairs: Kunihiko Yamagata, Takaaki Abe Sponsored by Mitsubishi Tanabe Pharma Corporation	[Session 1] Speaker: Hitoshi Suzuki [Session 2] Speakers: Jia-Huang Chen, Chih-Kang Chiang
16:00	16:45-17:35 Symposium 3 "Cutting Edge Researches among IgA Nephropathy Patients" Chairs: Hitoshi Yokoyama, Ichiei Narita	[Session 1] Sponsored by Chugai Pharmaceutical Co., Ltd. Speaker: Keita Hirano [Session 2] Speaker: Xu-jie Zhou
	17:35-18:15 Special Invited Lecture 2 Chair: Shoichi Maruyama Speaker: Andrew S. Levey	
17:00	18:15- Closing Remarks	
18:00		18:20- Farewell Party
19:00		

Program

■ Hall 1 (Small Hall 1)

9:55-10:00 **Opening Remarks**

■ Hall 1 (Small Hall 1)

10:00-10:50 **Symposium 1**

“Clinical Researches and Guidelines”

Chairs: Hirokazu Okada (*Department of Nephrology, Saitama Medical University, Japan*)
Masaomi Nangaku (*Division of Nephrology and Endocrinology,
The University of Tokyo Graduate School of Medicine, Japan*)

Session 1

Sponsored by Kyowa Kirin Co., Ltd.

SYI-01 New Findings in the Field of CKD-MBD

Takayuki Hamano

Department of Nephrology, Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan

Session 2

SYI-02 THE ROLE OF SGLT2 INHIBITORS IN DKD AND CKD

Sydney Chi-Wai Tang

The University of Hong Kong, Hong Kong

■ Hall 1 (Small Hall 1)

10:50-12:15 **Oral Presentations 1**

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

Hideki Yokoi (*Department of Nephrology, Kyoto University, Japan*)

O1-01 Semaphorin3A-inhibitor, SM-345431 Ameliorates Doxorubicin-induced Podocyte Injury

Yizhen Sang, Kenji Tsuji, Kazuhiko Fukushima, Kensaku Takahashi, Shinji Kitamura,
Jun Wada

*Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Okayama City,
Okayama, Japan*

O1-02 The clinical importance of gut microbiome-derived phenyl sulfate as a predictive marker of albuminuria in diabetic kidney disease

Koichi Kikuchi^{1,2}, Daisuke Saigusa², Yoshitomi Kanemitsu³, Yotaro Matsumoto³,
Koki Mise⁴, Tomohiro Nakamura², Atsushi Hozawa², Jun Wada⁴, Yoshihisa Tomioka³,
Takaaki Abe^{1,5}

¹ *Tohoku university Hospital, Sendai, Miyagi, Japan,*

² *Tohoku Medical Megabank Organization, Tohoku University, Sendai, Miyagi, Japan,*

³ *Tohoku University Graduate School of Pharmaceutical Sciences, Sendai, Miyagi, Japan,*

⁴ *Okayama University Hospital, Okayama, Okayama, Japan,*

⁵ *Tohoku University Graduate School of Biomedical Engineering, Sendai, Miyagi, Japan*

- 01-03 Nasal-associated lymphoid tissue is the major production site of the nephritogenic IgA in murine IgA nephropathy**
Toshiki Kano, Hitoshi Suzuki, Yuko Makita, Yoshihito Nihei, Yusuke Fukao, Yusuke Suzuki
Department of Nephrology, Juntendo University Faculty of Medicine, Tokyo, Japan
- 01-04 Neutrophil interferon-induced, double-stranded RNA-activated protein kinase (EIF2AK2) promotes neutrophil adhesion and transmigration in acute phase of glomerulonephritis.**
Reiko Inoue¹, Hiroshi Nishi¹, Mizuko Osaka², Masayuki Yoshida², Masaomi Nangaku¹
¹*Division of Nephrology and Endocrinology, The University of Tokyo Graduate School of Medicine, Tokyo, Japan.*
²*Life Science and Bioethics Research Center, Tokyo Medical and Dental University, Tokyo, Japan*
- 01-05 Effects of an SGLT2 inhibitor on salt sensitivity of blood pressure and sympathetic nerve activity in a non-diabetic rat model of chronic kidney disease**
Ningning Wan, Akira Nishiyama
Department of Pharmacology, Faculty of Medicine, Kagawa University, Kagawa, Japan
- 01-06 The mechanism of DNA injury induced collagen type VI excretion in glomerular endothelial cells**
Ai Fujii¹, Yumi Sunatani², Kengo Furuichi¹, Keishi Fujimoto¹, Hiroki Adachi¹,
 Kuniyoshi Iwabuchi², Hitoshi Yokoyama¹
¹*Kanazawa Medical University School of Medicine, Department of Nephrology, Kahokugun, Ishikawa, Japan,*
²*Kanazawa Medical University School of Medicine, Department of Biochemistry, Kahokugun, Ishikawa, Japan*
- 01-07 Renal TNF α activates WNK phosphorylation cascade and contributes to salt-sensitive hypertension in chronic kidney disease**
Taisuke Furusho, Eisei Sohara, Shintaro Mandai, Hiroaki Kikuchi, Fumiaki Ando,
 Takayasu Mori, Koichiro Susa, Kiyoshi Isobe, Naohiro Nomura, Tatemitsu Rai,
 Shinichi Uchida
Department of Nephrology, Tokyo Medical and Dental University, Tokyo, Japan

■ Hall 2 (Small Hall 2)

10:50-12:15 Oral Presentations 2

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

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

Sponsored by Torii Pharmaceutical Co., Ltd.

- 02-01 Association between periodic bone mineral density test and hip or vertebral fracture in patients with advanced chronic kidney disease: insights from The Reach-J CKD cohort study**
Shimon Kurasawa¹, Yoshinari Yasuda¹, Hirokazu Okada², Ichiei Narita², Takashi Wada²,
 Naoki Kashihara², Kunihiro Yamagata², Shoichi Maruyama¹
¹*Department of Nephrology, Nagoya University, Nagoya, Aichi, Japan.*
²*REACH-J Steering committee, Japan*

- O2-02 Genome-wide association study identifies New Loci for albuminuria in the Japanese population**
Hiroshi Okuda^{1,2,3}, Koji Okamoto^{1,3}, Michiaki Abe^{1,2,3}, Kota Ishizawa^{1,2}, Satoshi Makino¹, Junichi Sugawara¹, Atsushi Hozawa¹, Gen Tamiya¹, Masayuki Yamamoto¹, Sadayoshi Ito^{1,3}, Tadashi Ishii^{1,2,3}
¹ *Tohoku Medical Megabank Organization, Tohoku University, Sendai, Miyagi, Japan.*
² *Department of Education and Support for Regional Medicine, Tohoku University, Sendai, Miyagi, Japan.*
³ *Department of Nephrology, Endocrinology and Vascular Medicine, Graduate School of Medicine, Tohoku University, Sendai, Miyagi, Japan*
- O2-03 Chronic Exercise Ameliorates the Progression of Renal Dysfunction in Polycystic Kidney Disease Model Rats**
Jiahe Qiu¹, Yoichi Sato¹, Takahiro Miura¹, Masahiro Kohzuki¹, Osamu Ito²
¹ *Department of Internal Medicine and Rehabilitation Science, Tohoku University, Sendai, Miyagi, Japan.*
² *Division of General Medicine and Rehabilitation Faculty of Medicine, Tohoku Medical and Pharmaceutical University, Sendai, Miyagi, Japan*
- O2-04 Satisfactory Chronic Kidney Disease (CKD) management may not reduce the number of incident hemodialysis (HD) patients**
Masao Tomita, Kengo Kajiwara, Tomofumi Nakamura, Sayuri Yamamoto, Ryosuke Date
National Hospital Organization Kumamoto Medical Center, Kumamoto city, Kumamoto prefecture, Japan
- O2-05 Seasonality in hemodialysis; Nation-wide end-stage kidney disease surveillance using national big data in Japan**
Ryoya Tsunoda¹, Naohiro Mitsutake², Kazuo Goda³, Hirayasu Kai¹, Masahide Kondo⁴, Kunihiro Yamagata¹
¹ *Department of Nephrology, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan.*
² *Institute for Health Economics and Policy, Tokyo, Japan.*
³ *Institute of Industrial Science, University of Tokyo, Tokyo, Japan.*
⁴ *Department of Medical Economics, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan*
- O2-06 Relationship between history of ischemic stroke and all-cause mortality in incident dialysis patients**
Masayasu Kojima¹, Daijo Inaguma², Shigehisa Koide², Eri Koshi³, Kazuo Takahashi², Hiroki Hayashi², Naotake Tsuboi², Midori Hasegawa², Yukio Yuzawa²
¹ *Okazaki City Hospital, Okazaki City, Aichi, Japan.*
² *Fujita Health University School of Medicine, Toyoake City, Aichi, Japan.*
³ *Komaki City Hospital, Komaki City, Aichi, Japan*
- O2-07 Oral candidiasis is a significant predictor of subsequent severe infections in anti-neutrophil cytoplasmic antibody-associated vasculitis**
Makoto Yamaguchi, Takayuki Katsuno, Shiho Iwagaitsu, Hironobu Nobata, Hiroshi Kinashi, Shogo Banno, Yasuhiko Ito
Aichi Medical University, Nagakute, Japan

■ Hall 1 (Small Hall 1)

12:20-12:50 Luncheon Seminar 1

Chair: Hitoshi Sugiyama (*Human Resource Development of Dialysis Therapy for Kidney Disease, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan*)

Sponsored by Sumitomo Dainippon Pharma Co., Ltd.

LS1 The diagnosis and therapeutic strategy for Fabry nephropathy

Kei Fukami

Division of Nephrology, Department of Medicine, Kurume University School of Medicine, Kurume, Fukuoka, Japan

■ Hall 2 (Small Hall 2)

12:20-12:50 Luncheon Seminar 2

Chair: Takashi Wada (*Department of Nephrology and Laboratory Medicine, Kanazawa University, Japan*)

Sponsored by Otsuka Pharmaceutical Co., Ltd.

LS2 Updated treatment strategies for early and advanced polycystic kidney disease

Tatsuya Suwabe

Department of Nephrology, Toranomon Hospital, Tokyo, Japan

■ Hall 2 (Small Hall 2)

12:50-13:10 Advisory Committee Meeting

■ Hall 2 (Small Hall 2)

13:10-13:20 Photo Session

■ Hall 1 (Small Hall 1)

13:20-14:00 Special Invited Lecture 1

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

SL1 The prospective role of renal pathology in CKD prevention in Taiwan

Shang-Jyh Hwang

Department of Medicine & Renal Care, College of Medicine, Kaohsiung Medical University; Nephrology Division, Department of Medicine, KMU Hospital, Kaohsiung, Taiwan. Taiwan Society of Nephrology.

■ Hall 1 (Small Hall 1)

14:00-14:40 **Sweets Seminar**

Chair: Akira Nishiyama (*Department of Pharmacology,
Kagawa University Medical School, Japan*)

Sponsored by DAIICHI SANKYO COMPANY, LIMITED

SWS1 **WNK signal in salt-sensitive hypertension**

Eisei Sohara

Department of Nephrology, Tokyo Medical and Dental University, Tokyo, Japan

■ Hall 1 (Small Hall 1)

14:40-15:55 **Oral Presentations 3**

Chairs: Motoko Yanagita (*Department of Nephrology,
Graduate School of Medicine, Kyoto University, Japan*)

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

O3-01 **A novel kidney slice culture system visualizing intrarenal ATP unravels nephron segment-dependent energy metabolism and sensitivity to nephrotoxic drug**

Shigenori Yamamoto, Shinya Yamamoto, Masamichi Yamamoto, Motoko Yanagita

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

O3-02 **Vasohibin-1 has α -tubulin detyrosinating activity in podocytes**

Tomoyo Morioka¹, Katsuyuki Tanabe¹, Satoshi Tanimura¹, Hitoshi Sugiyama¹,
Yasufumi Sato², Jun Wada¹

¹*Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Okayama, Japan.*

²*Tohoku University, Sendai, Miyagi, Japan*

O3-03 **Differential roles of RAGE species for renal tubular damages**

Taro Miyagawa¹, Yasunori Iwata¹, Shinji Kitajima¹, Tadashi Toyama¹, Akinori Hara¹,
Norihiko Sakai¹, Miho Shimizu¹, Kengo Furuichi², Yasuhiko Yamamoto³, Takashi Wada¹

¹*Department of Nephrology and Laboratory Medicine, Kanazawa University, Kanazawa city, Ishikawa Prefecture, Japan,*

²*Division of Nephrology, Kanazawa Medical University, Uchinada town, Ishikawa Prefecture, Japan,*

³*Department of Biochemistry and Molecular Vascular Biology, Kanazawa University Graduate School of Medical Sciences, Kanazawa city, Ishikawa Prefecture, Japan*

O3-04 **Enarodustat (JTZ-951), an oral hypoxia-inducible factor stabilizer, counteracts the renal energy metabolism alterations in the early stages of diabetic kidney disease**

Sho Hasegawa¹, Tetsuhiro Tanaka¹, Tomoyuki Saito², Kenji Fukui^{1,2}, Takeshi Wakashima^{1,2},
Masaomi Nangaku¹

¹*Division of Nephrology and Endocrinology, the University of Tokyo, Tokyo, Japan,*

²*Biological and Pharmacological Research Laboratories, Central Pharmaceutical Research Institute, JT Inc., Takatsuki, Japan*

03-05 MicroRNA expression profiling in diabetic kidney disease

Hiroki Ishii, Keiji Hirai, Akinori Aomatsu, Katsunori Yanai, Shohei Kaneko,
Yoshiyuki Morishita

*Division of Nephrology, First Department of Integrated Medicine, Saitama Medical Center,
Jichi Medical University, Saitama-shi, Saitama-ken, Japan*

03-06 Cyclin G1 and TASC2 regulate pro-fibrotic secretory phenotypes in kidney tubule cells in the G2/M phase of the cell cycle

Seiji Kishi^{1,2,3}, Guillaume Canaud^{3,4}, Craig R Brooks^{3,5}, Kensei Taguchi⁵, Kenji Nishimura²,
Naoki Kashihara⁶, Joseph V Bonventre³

¹ *Department of General Medicine, Kawasaki Medical School, Kurashiki, Okayama, Japan,*

² *Department of Nephrology, Graduate School of Biomedical Sciences Tokushima University, Tokushima,
Tokushima, Japan,*

³ *Renal Division, Brigham and Women's Hospital, Department of Medicine, Harvard Medical School, Boston,
MA, USA,*

⁴ *INSERM U1151, Institut Necker-Enfants Malades, Université Paris Descartes, Paris, France,*

⁵ *Division of Nephrology and Hypertension, Department of Medicine, Vanderbilt University Medical Center,
Nashville, Tennessee, USA,*

⁶ *Department of Nephrology and Hypertension, Kawasaki Medical School, Kurashiki, Okayama, Japan*

■ **Hall 2 (Small Hall 2)**

14:40-15:55 Oral Presentations 4

Chairs: Masafumi Fukagawa (*Division of Nephrology, Endocrinology and Metabolism,
Tokai University School of Medicine, Japan*)

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

04-01 Clinical impact of body muscle mass for kidney function evaluation: new eGFR formula based on serum creatinine and body muscle mass

Kazunori Goto, Sawako Kato, Yoshinari Yasuda, Shoichi Maruyama

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

04-02 Utility of D-serine in the estimation of GFR and the diagnosis of kidney diseases.

Atsushi Hesaka^{1,2,3}, Yoshitaka Isaka³, Tomonori Kimura^{1,2,3}

¹ *KAGAMI Project, National Institute of Biomedical Innovation, Health and Nutrition (NIBIOHN), Ibaraki,
Osaka, Japan,*

² *Reverse Translational Project, Center for Rare Disease Research, National Institute of Biomedical Innovation,
Health and Nutrition (NIBIOHN), Ibaraki, Osaka, Japan,*

³ *Department of Nephrology, Osaka University Graduate School of Medicine, Suita, Osaka, Japan*

04-03 Estimated GFR affects hemoglobin elevation at 90 days after SGLT2 inhibitors initiation

Yohei Doi¹, Takayuki Hamano^{1,2}, Satoshi Yamaguchi¹, Tatsufumi Oka¹, Yusuke Sakaguchi¹,
Yoshitaka Isaka¹

¹ *Osaka University Graduate School of Medicine, Suita, Osaka, Japan,*

² *Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan*

O4-04 Skipping breakfast and dinner and incidence of proteinuria: a retrospective cohort study

Ryohei Tomi¹, Ryohei Yamamoto^{1,2}, Maki Shinzawa¹, Yoshiyuki Fujii¹, Kaori Nakanishi², Manabu Taneike², Makoto Nishida², Takashi Kudo², Keiko Yamauchi-Takahara², Yoshitaka Isaka¹, Toshiki Moriyama^{1,2}

¹Department of Nephrology, Osaka University Graduate School of Medicine, Suita, Osaka, Japan,

²Health and Counseling Center, Osaka University, Toyonaka, Osaka, Japan

O4-05 Zinc deficiency is a risk factor for chronic kidney disease progression

Atsuyuki Tokuyama¹, Eiichiro Kanda², Seiji Itano¹, Megumi Kondo¹, Yoshihisa Wada¹, Hiroyuki Kadoya¹, Kengo Kidokoro¹, Hajime Nagasu¹, Minoru Satoh¹, Tamaki Sasaki¹, Naoki Kashihara¹

¹Department of Nephrology and Hypertension, Kawasaki Medical School, Kurashiki, Okayama, Japan,

²Department of Medical Science, Kawasaki Medical School, Kurashiki, Okayama, Japan

O4-06 Peroxisome revisited for diagnosis of CKD and AKI, DAOX as a peroxisome marker enzyme

Nobuteru Usuda^{1,2}, Kohei Johkura³, Nobuo Suzuki¹

¹Chiryu Clinic, Chiryu, Aichi, Japan,

²Department of Biochemistry, Fujita Health University, Toyoake, Aichi, Japan,

³Department of Histology and Embryology, Shinshu University, Matsumoto, Nagano, Japan

■ Hall 1 (Small Hall 1)

15:55-16:45 Symposium 2

“Uremic Toxins”

Chairs: Kunihiro Yamagata (Department of Nephrology, Faculty of Medicine, University of Tsukuba, Japan)

Takaaki Abe (Tohoku University, Japan)

Sponsored by Mitsubishi Tanabe Pharma Corporation

Session 1

SY2-01 Clinical Application of AST-120 in patients with CKD

Hitoshi Suzuki

Juntendo University Faculty of Medicine, Tokyo, Japan

Session 2

SY2-02 Early Indoxyl Sulfate Removal Retarded AKI-to-CKD Transition Through Attenuating ER Stress-induced Cell Cycle Arrest and Fibrosis

Jia-Huang Chen¹, Chih-Kang Chiang^{1,2}

¹Graduate Institute of Toxicology, College of Medicine, National Taiwan University, Taipei, Taiwan,

²Department of Integrated Diagnostics and Therapeutics, National Taiwan University, Taipei, Taiwan

■ Hall 1 (Small Hall 1)

16:45-17:35 **Symposium 3**

“Cutting Edge Researches among IgA Nephropathy Patients”

Chairs: Hitoshi Yokoyama (*Kanazawa Medical University, School of Medicine,
Department of Nephrology, Japan*)

Ichiei Narita (*Niigata University Graduate School of Medical and Dental Sciences,
Japan*)

Session 1

Sponsored by Chugai Pharmaceutical Co., Ltd.

SY3-01 Clinical Studies of Immunoglobulin A Nephropathy Featuring Tonsillectomy

Keita Hirano¹, Keiichi Matsuzaki², Takashi Yokoo³, Kentaro Koike³, Yoshinari Yasuda⁴,
Takashi Yasuda⁵, Masako Nishikawa³, Shoichi Maruyama⁴, Tetsuya Kawamura³,
Yusuke Suzuki⁶

¹ *Ashikaga Red Cross Hospital, Ashikaga, Tochigi, Japan,*

² *Kyoto University, Kyoto, Japan,*

³ *The Jikei University School of Medicine, Minato, Tokyo, Japan,*

⁴ *Nagoya University, Nagoya, Japan,*

⁵ *Kichijoji Asahi Hospital, Musashino, Tokyo, Japan,*

⁶ *Juntendo University, Bunkyo, Tokyo, Japan*

Session 2

SY3-02 What genetics tell us about IgA nephropathy

Xu-jie Zhou

Renal Division, Department of Medicine, Peking University First Hospital, China

■ Hall 1 (Small Hall 1)

17:35-18:15 **Special Invited Lecture 2**

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

SL2 Chronic Kidney Disease: Two Decades of Progress and Challenges for the Future.

Andrew S. Levey

Tufts University Medical Center, Boston, MA, USA

■ Hall 1 (Small Hall 1)

18:15- **Closing Remarks**

■ Hall 2 (Small Hall 2)

18:20- **Farewell Party**