

<Sessions presented in English>

Special Lecture

Special Lecture 2

Room 6 (Medium meeting room 303), Thursday, June 5 16:30-17:20

The Role of Hormones in Epigenetic Aging: Insights from Animal Models and Human Studies

Chair Kaori Hayashi
 Department of Nephrology, Endocrinology and Metabolism,
 Keio University School of Medicine
Speaker Steve Horvath
 Altos Labs, Cambridge, UK

Meet the Professor

Meet the Professor 1

Room 6 (Medium meeting room 303), Thursday, June 5 10:20-11:10

FGF23 related hypophosphatemic rickets

Chair Seiji Fukumoto
 Honorary Director, Tamaki Aozora Hospital
Speaker Lakshmi Menon
 Division of Endocrinology, Department of Internal Medicine,
 University of Arkansas for Medical Sciences, USA

Meet the Professor 2

Room 6 (Medium meeting room 303), Thursday, June 5 15:30-16:20

Genetic and Lifestyle Risk Factors in the Pathogenesis of Non-Alcoholic Fatty Liver Disease

Chair Toshiyasu Sasaoka
 Department of Clinical Pharmacology, Department of Integrative
 Pharmacology, University of Toyama
Speaker Panu Luukkonen
 Minerva Foundation Institute for Medical Research /
 Department of Internal Medicine, University of Helsinki /
 Abdominal Center, Helsinki University Hospital, Helsinki, Finland

Meet the Professor 3

Room 6 (Medium meeting room 303), Friday, June 6 8:30-9:20

Approach to investigation and therapy of Primary Macronodular Adrenal Hyperplasia

- Chair Ichiro Shimomura
 Department of Metabolic Medicine, Osaka University Graduate
 School of Medicine
- Speaker André Lacroix
 Centre hospitalier de l' Université de Montréal (CHUM),
 Montreal, Canada

Meet the Professor 4

Room 6 (Medium meeting room 303), Friday, June 6 9:40-10:30

Clinical Implications of Lipodystrophy

- Chair Ken Ebihara
 Division of Endocrinology and Metabolism, Department of Medicine,
 Jichi Medical University, School of Medicine
- Speaker Suman Srinivasa
 Harvard Medical School
 Metabolic Unit, Division of Endocrinology,
 Massachusetts General Hospital, USA

Meet the Professor 5

Room 6 (Medium meeting room 303), Friday, June 6 10:50-11:40

Harnessing natural diversity for next-generation therapeutics

- Chair Ichiro Tatsuno
 Faculty of Healthcare Sciences,
 Chiba Prefectural University of Health Sciences
- Speaker Makoto Saito
 RIKEN ECL Research Team / RIKEN ECL Research Unit

Meet the Professor 6

Room 6 (Medium meeting room 303), Friday, June 6 14:50-15:40

An empowerment model for managing menopause

- Chair Akira Iwase
Department of Obstetrics and Gynecology,
Gunma University School of Medicine
- Speaker Martha Hickey
Obstetrics and Gynaecology, University of Melbourne /
Menopause Services and The Gynaecology Research Centre
at The Royal Women's Hospital, Melbourne, Australia

Meet the Professor 7

Room 6 (Medium meeting room 303), Saturday, June 7 8:30-9:20

Applying data to improved care in congenital adrenal hyperplasia

- Chair Tomohiro Ishii
Department of Pediatrics, Keio University School of Medicine
- Speaker Richard Joseph Auchus
University of Michigan, Ann Arbor, MI, USA

Meet the Professor 8

Room 6 (Medium meeting room 303), Saturday, June 7 9:40-10:30

Medical Management of Cushing's Syndrome

- Chair Hirotaka Shibata
Department of Endocrinology, Metabolism, Rheumatology and
Nephrology, Faculty of Medicine, Oita University
- Speaker Eliza B. Geer
Multidisciplinary Pituitary and Skull Base Tumor Center,
Departments of Medicine and Neurosurgery,
Memorial Sloan Kettering Cancer Center, USA

The KES-ESROC-JES Joint Symposium

Room 6 (Medium meeting room 303), Friday, June 6 16:30-18:20

Chair Feng-Hsuan Liu
 Chang Gung Memorial Hospital, Taiwan
 Yoon-Sok Chung
 Department of Endocrinology,
 Ajou University School of Medicine, Korea

Obesity

KES-ESROC-JES-1

Current status and issues in bariatric/metabolic surgery and anti-obesity medication for obesity disease in Japan

Speaker Atsuhito Saiki
 Center of Diabetes, Endocrinology and Metabolism,
 Toho University Sakura Medical Center

KES-ESROC-JES-2

Implication of new definition of clinical and preclinical obesity in Asians

Speaker Soo Lim
 Department of Internal Medicine, Seoul National University College
 of Medicine and Seoul National University Bundang Hospital,
 Seongnam, South Korea

KES-ESROC-JES-3

Interplay between Obesity and MASLD/NAFLD in Taiwan

Speaker Chih-Yuan Wang
 Department of Internal Medicine, National Taiwan University Hospital,
 College of Medicine, National Taiwan University, Taipei, Taiwan, R.O.C.

KES-ESROC-JES-4

Serotonin: an old molecule with significant effects on metabolism

Speaker Kyoung-Kon Kim

Department of Family Medicine, Gachon University College of Medicine,
Incheon, Korea

KES-ESROC-JES-5

Regulation of metabolism with the brown adipocyte activation factor SerpinA1

Speaker Masaji Sakaguchi et al.

Department of Metabolic Medicine, Faculty of Life Sciences,
Kumamoto University

JES We Can

Room 4 (Medium meeting room 301), Friday, June 6 8:30-10:00

Chair Noriko Asahara
Department of Endocrinology, Metabolism and Hypertension Research,
Clinical Research Institute, NHO Kyoto Medical Center
Noriko Makita
Division of Nephrology and Endocrinology,
the University of Tokyo

Part 1 Diversity and Internationalization

JES1-1

Promoting Diversity and Gender Equality for a Brighter, More Inclusive Future of the Japan Endocrine Society

Speaker Hiroko Tsukamura
Graduate School of Bioagricultural Sciences and School of
Agricultural Sciences, Nagoya University

JES1-2

Facing the current challenges of the Korean Endocrine Society: Building a sustainable and inclusive future through harmony between diversity and equity

Speaker Eun-Gyoung Hong
Division of Endocrinology and Metabolism, Hallym University
College Dongtan Sacred Heart Hospital/
President, Board of Directors of Korean Endocrine Society, Korea

JES1-3

Internalization of the Japan Endocrine Society

Speaker Hiroshi Arima
Department of Endocrinology and Diabetes,
Graduate School of Medicine, Nagoya University

Oral

Oral 1

Room 6 (Medium meeting room 303), Thursday, June 5 8:00-9:00

Chair Wataru Ogawa
 Department of Internal Medicine Division of Diabetes and
 Endocrinology, Kobe University Graduate School of Medicine
 Junichiro Irie
 Medicine Department of Internal Medicine,
 Kansai Medical University

English Session 1 Obesity & Metabolic Syndrome

**O1-6-1 An estimated epidemiology of adult acquired hypothalamic obesity
 in Japan - a database analysis**

Speaker Tomohiro Tanaka
 Department of Gastroenterology and Metabolism,
 Nagoya City University Graduate School of Medical Sciences, Nagoya

**O1-6-2 Real-World Setmelanotide Hunger and Weight Outcomes in Patients
 with Acquired Hypothalamic Obesity**

Speaker Yukiko Asaeda
 Wakaba Clinic

**O1-6-3 Tumor/treatment-related hypothalamic obesity requires
 multidisciplinary care strategies - a German claims data analysis**

Speaker Hermann Lothar Müller
 Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany

**O1-6-4 Traditional Chinese Medicine formula Dai-Zong-Fang alleviating
 hepatic steatosis in db/db mice via gut microbiota modulation**

Speaker Liwei Zhang
 Department of Laboratory of Diabetes, Guang'anmen Hospital,
 China Academy of Chinese Medical Sciences

O1-6-5 Impact of smoking and physical activity on cardiovascular outcomes in type 2 diabetes with metabolic dysfunction-associated steatotic liver disease: A nationwide study

Speaker So Hyun Cho
Department of Medicine, Samsung Medical Center,
Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

O1-6-6 Cold-reactive cysteine post-translational modifications in brown fat

Speaker KoOo Hein et al.
Department of Endocrinology & Metabolism,
Kanazawa University Graduate School of Medical Sciences

Oral 2

Room 6 (Medium meeting room 303), Thursday, June 5 9:10-10:10

Chair Hitoshi Shimano
Department of Internal Medicine (Endocrinology and Metabolism),
Faculty of Medicine, University of Tsukuba
Tadahiro Kitamura
Metabolic Signal Research Center, Institute for Molecular and Cellular
Regulation, Gunma University

English Session 2 Glucose Metabolism

O1-6-7 新規インスリン分泌促進 NERP-4 の発見とその前駆体蛋白質 VGF における構造重要性に関する研究

Speaker Masamitsu Nakazato et al.
Graduate School of Science, the University of Osaka

O1-6-8 Changes in metabolic characteristics in newly diagnosed young-onset type 2 diabetes patients over 10 years in South Korea (2010 to 2021)

Speaker Nam Hoon Kim
Division of Endocrinology and Metabolism, Department of Internal
Medicine, Korea University College of Medicine, Republic of Korea

O1-6-9 Changes in quality of life and blood glucose management by switching from conventional rapid-acting insulin to ultra-rapid lispro in Japanese patients with type 2 diabetes

Speaker Yuriko Hajika et al.
Minami Osaka Hospital

O1-6-10 Improvement of glycemic control by dulaglutide is associated with changes in leptin and obestatin levels in patients with type 2 diabetes mellitus

Speaker Ji Hee Yu
Division of Endocrinology and Metabolism, Korea University Ansan Hospital,
Korea University College of Medicine

O1-6-11 Quality of Sleep in Diabetic Patients and Its Related Factors

Speaker Eun Yeong Ha
Department of Internal Medicine, Keimyung University School of Medicine,
Republic of Korea

O1-6-12 Elevated triglyceride-glucose index is a risk factor for cardiovascular events in adults with Type 1 diabetes: A cohort study

Speaker Rosa Oh
Samsung Medical Center, Republic of Korea

Oral 16

Room 7 (Medium meeting room 304), Friday, June 6 8:30-9:30

Chair Akira Sugawara
Department of Molecular Endocrinology, Tohoku University
Graduate School of Medicine
Toshinari Takamura
Department of Endocrinology & Metabolism, Kanazawa University
Graduate School of Medical Sciences

English Session 3 Adrenal & Steroids

O2-7-1 Persistent Primary Adrenal Insufficiency Following COVID-19 Infection

Speaker Nami Lee
Ajou University School of Medicine

O2-7-2 原発性アルドステロン症患者における横紋筋融解症の合併頻度と臨床的特徴

Speaker Norio Wada et al.
Department of Diabetes & Endocrinology, Sapporo City General Hospital

O2-7-3 マイクロ RNA を介した肥満関連原発性アルドステロン症の病態解析

Speaker Yujiro Nakano et al.
Department of Endocrinology & Metabolism, Kanazawa University Hospital

O2-7-4 カテコールアミン産生に対する Vandetanib の阻害作用:ラット褐色細胞腫細胞株を用いた検討

Speaker Yoshihiko Ito et al.
Department of Nephrology Rheumatology, Endocrinology and Metabolism,
Dentistry and Pharmaceutical Sciences,
Okayama University Graduate School of Medicine

O2-7-5 悪性末梢神経鞘腫瘍と褐色細胞腫の多発転移を合併した神経線維腫症 I 型の一例

Speaker Kotaro Umamoto et al.
Department of Diabetes, Endocrinology, and Metabolism,
National Center for Global Health and Medicine

O2-7-6 小児副腎皮質腫瘍における 11-ketotestosterone(11-KT)産生とそのメカニズムの解析

Speaker Yasuko Fujisawa et al.
Department of Pediatrics, Hamamatsu University School of Medicine

Oral 17

Room 7 (Medium meeting room 304), Friday, June 6 9:40-10:40

Chair Noriyuki Namba
Division of Pediatrics and Perinatology, Faculty of Medicine,
Tottori University
Kazutoshi Miyashita
International University of Health and Welfare

English Session 4 Pituitary・Parathyroid&Bone・Cancer

O2-7-7 IgA タイプのマクロプロラクチン血症:頻度と病態

Speaker Naoki Hattori et al.
Department of Orthopedic Surgery, Kansai Medical University

O2-7-8 マクロ成長ホルモン(GH)血症:頻度と病態

Speaker Naoki Hattori et al.
Department of Orthopedic Surgery, Kansai Medical University

O2-7-9 Distinct Signaling Pathways Induced by Dimeric R25CPTH(1-34) vs. Monomeric PTH(1-34)

Speaker Minsoo Noh
Department of Internal Medicine and Laboratory of Genomics and Translational Medicine, Gachon University College of Medicine, Republic of Korea

O2-7-10 骨組織の免疫染色で FGF23 を認めた McCune Albright Syndrome で burosumab 投与を長期経過観察しえた一例

Speaker Tetsuhiko Sato et al.
Japanese Red Cross Aichi Medical Center, Nagoya Daini Hospital

O2-7-11 LH-RH antagonists restore serum testosterone faster than LH-RH agonists in prostate cancer patients who received external beam radiotherapy

Speaker Shinichi Sakamoto et al.
Department of Urology, Graduate School of Medicine, Chiba University

O2-7-12 Testosterone bounce predicts favorable prognoses for prostate cancer patients treated with degarelix

Speaker Shinichi Sakamoto et al.
Department of Urology, Graduate School of Medicine, Chiba University

Oral 40

Room 6 (Medium meeting room 303), Saturday, June 7 15:10-16:10

Chair Ai Yoshihara
Internal Medicine, Ito Hospital
Izuki Amano
Department of Integrative Physiology, Gunma University
Graduate School of Medicine

English Session 5 Thyroid

O3-6-1 TSH 過剰発現マウスの開発と甲状腺トランスクリプトーム解析

Speaker Ichiro Yamauchi et al.
Department of Diabetes, Endocrinology and Nutritio
Graduate School of Medicine and Faculty of Medicine, Kyoto University

O3-6-2 遺伝子導入により作成した IgM 型 TSH レセプター抗体の甲状腺刺激活性

Speaker Keiko Nagata et al.
Division of Pharmacology, Faculty of Medicine, Tottori University

O3-6-3 スマートフォン撮影画像を利用した甲状腺乳頭癌の判定を可能とする AI アプリケーションの開発

Speaker Yoshihiro Takahashi et al.
Department of Diabetes and Metabolism/Department of Collagen Disease
and Immunology, Graduate School of Medicine, Gifu University

O3-6-4 Association of hypothyroidism with adverse pregnancy outcomes : A cohort study in an iodine-sufficient country

Speaker Akiko Sankoda et al.
National Center for Child Health and Development

O3-6-5 A Case of Hashitoxicosis in a Patient with Chronic Atrial Fibrillation and Non-Ischemic Cardiomyopathy

Speaker Marc Sumayo Lozano
HCA Florida Bayonet Point Hospital/University of South Florida
Morsani College of Medicine, USA

O3-6-6 バセドウ病再燃/再発と抗甲状腺薬休薬時の TRAb 値との関連

Speaker Nami Suzuki et al.
Internal Medicine, Ito Hospital

<Sessions presented in Japanese with English subtitles>

Special Lecture

Special Lecture 1

Room 1 (Convention Hall B), Thursday, June 5 14:30-15:20

小胞体の機能と制御のダイナミクス

Chair Koutaro Yokote
President, Chiba University

Speaker Kazutoshi Mori
Institute for Advanced Study, Kyoto University

Special Lecture 3

Room 1 (Convention Hall B), Saturday, June 7 12:50-13:30

生成 AI が実現する医療業界の将来像

Chair Yoshimasa Aso
Department of Endocrinology & Metabolism,
Dokkyo Medical University

Speaker Kunihiro Ohyama
Microsoft Japan Co., Ltd.

Special Lecture 4

Room 1 (Convention Hall B), Saturday, June 7 13:30-14:10

味を“ダウンロード”する時代へ——味覚メディアが紡ぐ新たな食のフロンティア

Chair Nobuya Inagaki
Medical Research Institute, Kitano Hospital,
PIIF Tazuke-Kofukai

Speaker Homei Miyashita
Department of Frontier Media Science,
School of Interdisciplinary Mathematical Sciences, Meiji University/
Visiting Professor, Chiba University

Special Program

Room 1 (Convention Hall B), Friday, June 6 13:40-14:40

Gohei Nishikawa Talk & Piano Concert

Chair Hiroshi Itoh
Preventive Medicine Center, Keio University

Speaker Gohei Nishikawa
Pianist