



Program

This schedule is provisional, and will be filled in as speakers and themes are confirmed.

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Thursday, February 22	Ohgi Room	
16:15- 17:10	Plenary lecture Molecular mechanism of CRISPR-Cas and structure-based development of genome editing tool towards medical applications Speaker: <i>Osamu Nureki</i> (Japan)	
17:10- 17:45	Keynote lecture Pathogenesis and treatment strategy of type 2 diabetes - Current view Speaker: <i>Takashi Kadowaki</i> (Japan)	
18:00- 19:20	Symposia: AKI & CVD (Joint with the Japanese Society of Nephrology and Pharmacotherapy) Heart-Kidney Interaction: Cardiorenal Syndrome in Critical Care Speaker: <i>Yung-Chang Chen</i> (Taiwan) AKI in cancer chemotherapy Speaker: <i>Yuichi Ando</i> (Japan) AKI: From the laboratory to the clinic [tentative] Speaker: <i>Joseph Bonventre</i> (USA) Influence of Neuroimmune Axis on AKI Speaker: <i>Tsuyoshi Inoue</i> (USA)	
Friday, February 23	Eminence Hall	Nishiki Room
9:10- 10:30	Symposia: Cardio-renal Syndrome (Joint with the Japanese Circulation Society) Cardiovascular disease and multimorbidity in elderly people with CKD	

	Speaker: <i>Marcello Tonelli</i> (Canada) Premature vascular smooth muscle cell ageing drives vascular calcification in Chronic Kidney Disease Speaker: <i>Catherine Shanahan</i> (UK) Renal Collecting Duct Epithelial Cell Controls Kidney Disease and Adaptation to Cardiac Stress through Tissue Macrophage Activation Speaker: <i>Katsuhito Fujiu</i> (Japan) Endothelial cell dysfunction in CKD and CVD Speaker: <i>Minoru Sato</i> (Japan)	
10:50-12:10	Symposia: Phosphate Toxicity and CVD (Co-sponsored by Kissei Pharmaceutical) Phosphate and Vascular calcification Speaker: <i>Ziad A. Massy</i> (France) Phosphate binder and outcome Speaker: <i>Hiroataka Komaba</i> (Japan) Which is bad: FGF23 or phosphate Speaker: <i>Tamara Isakova</i> (USA) Magnesium as a suppressor of phosphate toxicity Speaker: <i>Yusuke Sakaguchi</i> (Japan)	Symposia: CKD and CVD (Co-sponsored by Daiichi-Sankyo Co., Ltd.) Mineral metabolism and cardiovascular disease in CKD [tentative] Speaker: <i>John Cunningham</i> (UK) Cardiovascular risk prediction in CKD Speaker: <i>Kunihiro Matsushita</i> (USA) Pathophysiology of cerebro-cardio-renal continuum in patients with chronic kidney disease Speaker: <i>Naoki Nakagawa</i> (Japan) Vascular calcification and vascular stiffness in CKD Speaker: <i>Paweena Susantitaphong</i> (Thailand)
13:45-14:40	Plenary Lecture Digital Health Solutions & New Payment Models – The Transforming of Chronic Care Speaker: <i>Lisa Pettigrew</i> (USA)	
14:40-16:30 14:40-16:00	Symposia: Hypoxia Biology in Kidney Disease & CVD (Co-sponsored by Boehringer Ingelheim GmbH Co., Ltd. / Eli Lilly KK.) Combating DKD: from pathogenesis to treatment [tentative] Speaker: <i>Keizo Kanasaki</i> (Japan) Clinical impact of novel anti-diabetic agents in DKD [tentative] Speaker: <i>Per-Henrik Groop</i> (Finland) From Bench to Bedside in DKD [tentative]	Symposia: Hypoxia Biology in Kidney Disease & CVD (Joint with the Japanese Society for Dialysis Therapy) Oxygen biology in the kidney [tentative] Speaker: <i>Kai-Uwe Eckardt</i> (Germany) Kidney oxygenation during cardiopulmonary bypass and post-operative acute kidney injury Speaker: <i>Roger Evans</i> (Australia) Novel treatment to activate HIF

	Speaker: <i>Mark Cooper</i> (Australia) Clinical and genetic approaches to DKD [tentative] Speaker: <i>Juliana Chan</i> (Hong Kong)	Speaker: <i>Tetsuhiro Tanaka</i> (Japan) Renal capillary flow and hypoxia in kidney injury Speaker: <i>Daisuke Nakano</i> (Japan)
Saturday, February 24	Eminence Hall	Nishiki Room
9:10-10:50 9:10-10:30	Symposia: DKD & CVD: Basic (Joint with the Japan Diabetes Society) Pathogenesis of DKD - an update Speaker: <i>Katherine Tuttle</i> (USA) New approaches to treatment of DKD Speaker: <i>Robyn Langham</i> (Australia) Inflammation in DKD Speaker: <i>Sydney Tang</i> (Hong Kong) Vaspin and proximal tubular cell injury in metabolic syndrome Speaker: <i>Atsuko Nakatsuka</i> (Japan)	Symposia: aHUS and systemic vascular injury (Co-sponsored by Alexion) Transplantation and TME [tentative] Speaker: <i>Toby Coates</i> (Australia) STEC-HUS [tentative] Speaker: <i>Christine B. Sethna</i> (USA) Atypical HUS in pediatric patients [tentative] Speaker: <i>Toshihiro Sawai</i> (Japan) Atypical HUS in adult patients Speaker: <i>Yoko Yoshida</i> (Japan)
10:50-12:10	Symposia: Dialysis and CVD: Clinical (Co-sponsored by Kyowa Hakko Kirin Co., Ltd.) CKD in China: lessons from large Chinese Cohort study Speaker: <i>Xueqing Yu</i> (China) Management of CKD-MBD in Haemodialysis: Lessons from COSMOS Speaker: <i>Jorge B. Cannata-Andia</i> (Spain) CKD and CVD in Asia - lessons from cohort studies and clinical trials Speaker: <i>Vivekanand Jha</i> (India) Clinical studies of cardiovascular interventions in PD patients Speaker: <i>David Johnson</i> (Australia)	Symposia: CKD-MBD & CVD (Co-sponsored by Ono Pharmaceutical Co., Ltd.) Evidence for and against the link between MBD and CVD Speaker: <i>Ravi Thadhani</i> (USA) Calcimimetics and CVD Speaker: <i>Takayuki Hamano</i> (Japan) Vascular Calcification Speaker: <i>Cecilia Giachelli</i> (USA) Hidden hypercalcemia Speaker: <i>Yoshitsugu Obi</i> (Japan)
13:45-14:40	Plenary Lecture Elucidation of human oxygen sensing pathways: implications for nephrology Speaker: <i>Peter Ratcliffe</i> (UK)	
14:55-		

15:30	Keynote Cardiovascular trials and kidney disease Speaker: <i>Vlado Perkovic</i> (Australia)	
15:30-16:50	Symposia: Transplantation & CVD (Joint with the Japanese Society for Dialysis Therapy) Antibody-mediated rejection [tentative] Speaker: <i>Toby Coates</i> (Australia) Long-Term Allograft Survival Speaker: <i>Adrian Liew</i> (Singapore) CVD after kidney transplantation Speaker: <i>Philip Li</i> (Hong Kong) Marginal living donor Speaker: <i>Tadashi Sofue</i> (Japan)	Symposia: Pediatric Nephrology & CVD (Joint with the Japanese Society for Pediatric Nephrology) Clinical and Genetic Approaches to Alport syndrome Speaker: <i>Kandai Nozu</i> (Japan) Pathogenic mechanism of childhood idiopathic nephrotic syndrome Speaker: <i>Yutaka Harita</i> (Japan) Bone-vascular link in paediatric CKD patients Speaker: <i>Rukshana Shroff</i> (UK) Cardiovascular risk factors in children with kidney diseases Speaker: <i>Christine B. Sethna</i> (USA)
Sunday, February 25	Eminence Hall	Nishiki Room
9:15-10:10	Plenary lecture Physiology and Pathology of Renal EPO Producing Cells Speaker: <i>Masayuki Yamamoto</i> (Japan)	
10:30-11:50	Symposia: Nutrition in Kidney Disease & CVD (Joint with the Japanese Society for Dialysis Therapy) Sarcopenia and arteriosclerosis in CKD Speaker: <i>Akihiko Kato</i> (Japan) Gastrointestinal Phosphate handling Speaker: <i>Hiroko Segawa</i> (Japan) Protein-energy wasting [tentative] Speaker: <i>Angela Wang</i> (Hong Kong) Vitamin D and phosphate [tentative] Speaker: <i>Orson Moe</i> (USA)	Symposia: Specialization of Nephrology Nursing and Development of Multi-Occupation Collaboration (Organized by Japan Academy of Nephrology Nursing) Efforts of the Japan Academy of Nephrology Nursing (Regarding Certification of Dialysis Care and Management of Chronic Kidney Disease Leading Nurses) Speaker: <i>Hisamitsu Sato</i> (Japan) Current Activities of the DLN Speaker: <i>Noriko Koteda</i> (Japan)