

# "KSN 2018" Program

Date: May. 17(Thu) – May 20(Sun), 2018

Venue: Grand Hilton Hotel, Seoul Convention Center

: Korean Session  
 : English Session

Date & Time Venue	Room 1	Room 2	Room 3	Room 4	Grand Ballroom	Poster/Exhibition	
	Convention Hall A (4F)	Convention Hall B&C (4F)	Convention Hall D&E (4F)	Diamond Hall, 3F	Hotel, 2F	Emerald Hall 1,2 (3F)	
<b>May 17. Thursday</b>							
12:00-13:20	Registration					Exhibition	
12:50-13:00				Opening Ceremony			
13:00-15:00	Nephrology Board Review Course (Aging and the Kidney)	Acute Kidney Injury	Hypertension and Vascular Biology	Kidney Academy			
15:00-17:00		Oral Communications 1	Update of IgA Nephropathy	Overseas Trainee Presentation			
17:00-17:30	Coffee Break						
17:30-18:20	Plenary Lecture 1 (Hyug Moo Kwon)						
19:00-21:00					Welcome Reception		
<b>May 18. Friday</b>							
07:30-08:00	Registration					Poster/Exhibition	
08:00-10:00	Pathogenesis of Kidney Disease in Diabetes and Obesity	Oral Communications 2	Hyponatremia, Dyskalemia, and Renal Tubular Acidosis	Clinical Significance of Biomarkers in Childhood Kidney Disease			
10:00-10:30	Poster Visit & Break		Report of Survey Results from Nephrology Fellows in Korea				
10:30-11:30							
11:30-12:30	Luncheon Symposium						
12:30-13:00	Break						
13:00-13:50	Plenary Lecture 2 (Lilach O Lerman)						
13:50-14:00	Break						
14:00-16:00	APSN-KSN Joint CME Course 1	Oral Communications 3	Special Session (Future Medicine/Hot Issue)	Acute Kidney Injury			
16:00-18:00	APSN-KSN Joint CME Course 2	Oral Communications 4	Update of DSA	Basic Research			
18:30-20:30							Gala Dinner
<b>May 19. Saturday</b>							
07:00-08:00	Registration				KSN Board of Regent	Poster/Exhibition	
08:00-09:00	Therapy of Kidney Disease in Diabetes and Obesity	Oral Communications 5	Practical Issues of Peritoneal Dialysis	CPC	Meet the Expert (Swan Room, Crane Room)		
09:00-10:00							
10:00-12:00	Transplant Infection	Oral Communications 6	Update of Glomerulonephritis	Renal Pathology			
12:00-13:00	Luncheon Symposium						
13:00-13:30	Poster Visit & Break		KSN ESRD Registry Report	General Assembly (Award)			
13:30-14:00							
14:00-14:50	Plenary Lecture 3 (Charles E. Alpers)						
14:50-15:00	Break						
15:00-15:30	KDIGO-KSN Joint Symposium	Oral Communications 7	Dialysis Committee	Special Session (Monumental Lecture from Senior Pioneer)			
15:30-16:00			Interim Report of KSN Cooperative Study	Challenges and Advances in Hemodialysis			
16:00-16:30			Ethics Education (Ethics for Life Sustaining Therapy of Patient in End of Life)				
16:30-18:00					Peer Review and Publication Ethics		
<b>May 20. Sunday</b>							
07:30-08:30	Registration						
08:30-10:30	Dialysis Specialist Physician Course 1 (Aging in Renal Disease)	Oral Communications 8	Dialysis Nurse Course 1	Common Issues Confronting During Online Hemodiafiltration			Hands-On Session
10:30-11:00	Coffee Break						
11:00-12:30	Dialysis Specialist Physician Course 2 (Blood Pressure in CKD/ESRD Patients)	Oral Communications 9	Dialysis Nurse Course 2	Serum Electrolytes as Predictors for Clinical Outcomes			Hands-On Session
12:30-13:00							

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	Convention Hall A (4F)	Convention Hall B&C (4F)	Convention Hall D&E (4F)	Diamond Hall, 3F	Hotel, 2F	Emerald Hall 1,2 (3F)	
<b>May 17. Thursday</b>							
12:00-13:20	Registration						
12:50-13:00				Opening Ceremony			
<b>Chair(s)</b>	<b>Nephrology Board Review Course</b> (Aging and the Kidney)	<b>Acute Kidney Injury</b> <i>(Won Yong Cho, Dong Won Lee)</i>	<b>Hypertension and Vascular Biology</b> <i>(JongUn Lee, Sung Kwang Park)</i>	<b>Kidney Academy</b> <i>(Seok Joon Shin)</i>			
13:00-13:30	<b>Session 1. (Chair: Beom Seok Kim)</b> Functional alterations of the kidney and urinary tract in the elderly <i>Kook-Hwan Oh (Korea)</i> Functional evaluation of the kidney and urinary tract in the elderly <i>Seung Hyeok Han (Korea)</i> Pathophysiology and clinical meaning of CKD in the elderly <i>Bum Soon Choi (Korea)</i> Medication issues in the elderly—drug selection, dosing, drug interaction <i>Sang Ho Lee (Korea)</i>	Normotensive ischemic AKI <i>Hye Ryoun Jang (Korea)</i>	Salt, diseased kidney, and hypertension <i>Gheun-Ho Kim (Korea)</i>	Update on management of CKD-MBD <i>Shin Young Ahn (Korea)</i>			
13:30-14:00		Acute kidney injury in the transplant patient <i>Sik Lee (Korea)</i>	RAAS in hypertension and kidney disease <i>Eun Hui Bae (Korea)</i>	Clinical implication and management of hyperkalemia <i>Eunsil Koh (Korea)</i>			
14:00-14:30		The distant organ effect of acute kidney injury <i>Hyo-Wook Gil (Korea)</i>	Evidence for treatment of uncomplicated, stage 1 hypertension: what is the evidence? <i>Chan Joo Lee (Korea)</i>	Anemia management in CKD: based on the latest knowledge of iron and ESA treatment <i>Hyo Jin Kim (Korea)</i>			
14:30-15:00		AKI outcomes : CKD and others <i>Dong-Jin Oh (Korea)</i>	Target of diastolic blood pressure and pulse pressure in CKD patients <i>Dong-Ryeol Ryu (Korea)</i>	Plain, aging in healthy <i>Ho Seok Koo (Korea)</i>			
<b>Chair(s)</b>		<b>Oral Communications 1</b>	<b>Update of IgA Nephropathy</b> <i>(Bum Soon Choi, Sun-Hee Park)</i>	<b>Overseas Trainee Presentation</b> <i>(Dong Cheol Han, Nam Ho Kim)</i>			
15:00-15:30		<b>Session 2. (Chair: Sang-Youb Han)</b> Assessment, diagnosis and treatment of AKI in the elderly <i>Hye Ryoun Jang (Korea)</i> Fluid therapy in the elderly Sejoong Kim (Korea) Renal replacement therapy in the elderly Dong-Ryeol Ryu (Korea)	IgA Nephropathy—diagnosis, prognosis, and outcomes in Korea <i>Seung Hyeok Han (Korea)</i>	The impact of uninephrectomy on acute kidney injury(22') <i>Myung-Gyu Kim (Korea)</i>		Exhibition	
15:30-16:00	New insights into the pathogenesis of IgA nephropathy <i>Seung Seok Han (Korea)</i>		Gene-Edited human kidney organoids reveal mechanisms of disease in podocyte development(22') <i>Yong Kyun Kim (Korea)</i>				
16:00-16:30	Current status of steroid-based immunosuppressive therapy for IgA nephropathy <i>Ho Jun Chin (Korea)</i>		New insight of multiphoton microscopy (MPM)(22') <i>Ju-Young Moon (Korea)</i>				
16:30-17:00	Novel therapy of IgA nephropathy <i>Jung Eun Lee (Korea)</i>		Efficacy and safety of eculizumab for the treatment of antibody-mediated rejection following renal transplantation(22') <i>Ho Sik Shin (Korea)</i>				
17:00-17:30	Coffee Break						
17:30-18:20	<b>Plenary Lecture 1</b> TonEBP mediates hyperglycemia-induced inflammation, and vascular and renal injury <i>Hyug Moo Kwon (Korea)</i>						
19:00-21:00					Welcome Reception		
<b>May 18. Friday</b>							
07:30-08:00	Registration						
<b>Chair(s)</b>	<b>Pathogenesis of Kidney Disease in Diabetes and Obesity</b> <i>(Jong Soon Lee, Hunjoo Ha)</i>	<b>Oral Communications 2</b>	<b>Hyponatremia, Dyskalemia, and Renal Tubular Acidosis</b> <i>(Shih-Hua Lin, Won Kim)</i>	<b>Clinical Significance of Biomarkers in Childhood Kidney Disease</b> <i>(Kee Hwan Yoo, Hee Gyung Kang)</i>			
08:00-08:30	The role of obesity-induced inflammation in the development of insulin resistance and type 2 diabetes <i>Jong Soon Lee (USA)</i>		Management of hyponatremia: from water restriction to tolvaptan <i>Mustafa ARICI (Turkey)</i>	Renal development : from bench to bedside <i>Carlton M. Bates (USA)</i>			
08:30-09:00	Lipid dysregulation and insulin resistance <i>Jae Bum Kim (Korea)</i>		Differential diagnosis of hypokalemic disorders <i>Shih-Hua Lin (Taiwan)</i>	Biomarkers of childhood nephrotic & nephritic syndrome <i>William Smoyer (USA)</i>			
09:00-09:30	The role of slit-diaphragm associated protein MAGI-2 in progression of CKD <i>Katsuhiko Asanuma (Japan)</i>		Pathophysiology of hyperkalemia in CKD <i>Susumu Ookawara (Japan)</i>	Biomarkers of congenital ureteral obstruction <i>Kun Suk Kim (Korea)</i>			
09:30-10:00	Adiposity and kidney disease <i>Jung Tak Park (Korea)</i>		How to approach the patient with endemic renal tubular acidosis in Thailand <i>Somkiat Vasuvattakul (Thailand)</i>	Emerging biomarkers of UTI/VUR in children <i>Hyung Eun Yim (Korea)</i>			
10:00-10:30	Poster Visit & Break			<b>Report of Survey Results from Nephrology Fellows in Korea</b>			
10:30-11:30	Luncheon Symposium						
11:30-12:30	Break						
12:30-13:00	<b>Plenary Lecture 2</b> Cell-based therapy in renal vascular disease: are we there yet? <i>Lilach O Lerman (USA)</i>						
13:50-14:00	Break						
<b>Chair(s)</b>	<b>APSN-KSN Joint CME Course 1</b> <i>(Hyeong Cheon Park, Dusit Lumlertgul)</i>	<b>Oral Communications 3</b>	<b>Special Session (Future Medicine/Hot Issue)</b> <i>(Young Sun Kang, Joon Ho Song)</i>	<b>Acute Kidney Injury</b> <i>(Hans-Joachim Anders, Jaeseok Yang)</i>			
14:00-14:30	Evaluation and care of living kidney donors <i>Hye Eun Yoon (Korea)</i>		The forth industrial revolution and future of medicine(40') <i>Chiwon Kim (Korea)</i>	Role of NOX4 in kidney injury <i>Sophie de Seigneux (France)</i>		Poster /Exhibition	
14:30-15:00	Update on management of diabetic nephropathy <i>Masaomi Nangaku (Japan)</i>		Personal big data for precision medicine: genomes and health records(40') <i>Ju Han Kim (Korea)</i>	Pathophysiology of acute kidney injury - an update <i>Hans-Joachim Anders (Germany)</i>			
15:00-15:30	Selection of dialysis modality: evidence from cohort studies <i>Jang-Hee Cho (Korea)</i>		Application of NGS-based systems biology methods to understand kidney diseases pathogenesis(40') <i>Murim Choi (Korea)</i>	Acute kidney injury and gut <i>Sang Kyung Jo (Korea)</i>			
15:30-16:00	The new paradigms in prevention and management of PD-related peritonitis <i>Philip Li (Hong Kong)</i>			Stem cells in acute kidney injury <i>Hoon Young Choi (Korea)</i>			
<b>Chair(s)</b>	<b>APSN-KSN Joint CME Course 2</b> <i>(Yong-Soo Kim, Masaomi Nangaku)</i>	<b>Oral Communications 4</b>	<b>Update of DSA</b> <i>(Joong Kyung Kim, Beom Seok Kim)</i>	<b>Basic Research</b> <i>(Hyug Moo Kwon, Sang Ho Lee)</i>			
16:00-16:30	Biomarkers of AKI <i>Myung-Gyu Kim (Korea)</i>		DSA detection method & interpretation <i>Hyosang Kim (Korea)</i>	Metabolomics for biomarker discovery in renal transplant rejection <i>Seungil Cho (Korea)</i>			
16:30-17:00	IgA nephropathy: 50 years on <i>Sydney Tang (Hong Kong)</i>		Clinical significance of HLA Ab focused on DQ <i>Hye Eun Yoon (Korea)</i>	Network-based integrated analysis of transcriptomic and proteomic data reveals novel targets in treatment of peritoneal fibrosis in humans <i>Ino Young Huh (Korea)</i>			
17:00-17:30	Transplantation immunology <i>Sang Ho Lee (Korea)</i>		From antibody to antigen: epitope analysis <i>Eun-Suk Kang (Korea)</i>	Data-driven approaches for efficient drug discovery <i>Wan Kyu Kim (Korea)</i>			
17:30-18:00	Drug induced kidney injury <i>Robert Walker (New Zealand)</i>		How to monitor DSA and what we should do if DSA is present <i>Seungyeup Han (Korea)</i>	A.I. in clinical decision and drug discovery <i>Youngwoo Pae (Korea)</i>			
18:30-20:30					Gala Dinner		

May 19. Saturday							
	Room 1	Room 2	Room 3	Room 4	Grand Ballroom	Poster /Exhibition	
07:00-08:00	Registration					KSN Board of Regent	Poster /Exhibition
	<b>Therapy of Kidney Disease in Diabetes and Obesity</b> <i>(Mitsuo Kato, Eun Young Lee)</i>	<b>Oral Communications 5</b>	<b>Practical Issues of Peritoneal Dialysis</b> <i>(Yong-Lim Kim, Ki Young Na)</i>	<b>CPC</b>			
08:00-08:30	MicroRNAs and long noncoding RNAs as therapeutic targets for diabetic nephropathy <i>Mitsuo Kato (USA)</i>		Management of fluid-overloaded patients <i>Su-Hyun Kim (Korea)</i>	<b>Case 1. (Chair: Mee Young Sol, Won Kim)</b> Internal Medicine: Ji-Young Choi Clinical Discussion: Kum Hyun Han Pathology: Man-Hoon Han			
08:30-09:00	Organ crosstalk in diabetic nephropathy <i>Jin Joo Cha (Korea)</i>		How to manage metabolic complications of PD? <i>Tae Ik Chang (Korea)</i>	<b>Case 2. (Chair: Yeong-Jin Choi, Yu Ah Hong)</b> Internal Medicine: Jee Young Lee Clinical Discussion: Shin Young Ahn Pathology: Ji-Youn Sung	<b>Meet the Expert (Swan Room, Crane Room)</b>		
09:00-09:30	Modulating inflammation in diabetic nephropathy <i>Ju-Young Moon (Korea)</i>		Sarcopenic obesity in dialysis patients: PD vs. HD <i>Wonsuk An (Korea)</i>	<b>Case 3. (Chair: Kyung Chul Moon, Sang-Youb Han)</b> Internal Medicine: Hyang Kim Clinical Discussion: Ji Yong Jung Pathology: Su-Jin Shin			
09:30-10:00	AdiopRon therapy in diabetic nephropathy <i>Yaeni Kim (Korea)</i>		Management of relapsing or recurrent PD peritonitis <i>Jwa-Kyung Kim (Korea)</i>				
	<b>Transplant Infection</b> <i>(Chul Woo Yang, Yingyos Avihingsanon)</i>	<b>Oral Communications 6</b>	<b>Update of Glomerulonephritis</b> <i>(Kunitoshi Iseki, Eun Hui Bae)</i>	<b>Renal Pathology</b> <i>(So Young Jin, Yong-Jin Kim)</i>			
10:00-10:30	Experience of common viral infection in kidney transplant <i>Yingyos Avihingsanon (Thailand)</i>		Summary of controversy conference for glomerulonephritis in KDIGO <i>Kunitoshi Iseki (Japan)</i>	Classification of IgA nephropathy: recent update(20') <i>Ahrim Moon (Korea)</i>			
10:30-11:00	Detection and management of BK virus in kidney transplantation <i>Ya-Chung Tian (Taiwan)</i>		Clinical implication of auto-antibodies in membranous nephropathy <i>Sang Ho Lee (Korea)</i>	Clinical aspects of IgA nephropathy(20') <i>Hyunwook Kim (Korea)</i>			
11:00-11:30	Prediction of tuberculosis development after kidney transplantation <i>Jaeseok Yang (Korea)</i>		Vasculitis and glomerulonephritis <i>Stephen P. McAdoo (UK)</i>	Classification of lupus nephritis: recent update(20') <i>Beom Jin Lim (Korea)</i>			
11:30-12:00	Risk factors and management of PCP pneumonia <i>Byung Chul Shin (Korea)</i>		Clinical characteristics of ANCA-negative crescentic GN <i>Sung Woo Lee (Korea)</i>	Clinical aspects of lupus nephritis(20') <i>Hyunwook Kim (Korea)</i>			
12:00-13:00	<b>Luncheon Symposium</b>						
13:00-13:30	Poster Visit & Break						
13:30-14:00							
14:00-14:50	<b>Plenary Lecture 3</b> Diabetic nephropathy: pathology, pathogenesis, and potential for reversal <i>Charles E. Alpers (USA)</i>						
14:50-15:00	Break						
15:00-15:30							
15:30-16:00	<b>KDIGO-KSN Joint Symposium</b> <i>(Juergen Floege, Hyeon Cheon Park)</i> Treating chronic hepatitis C in patients with chronic kidney disease(25') <i>Jung Il Lee (Korea)</i>		<b>Dialysis Committee</b>	<b>Special Session (Monumental Lecture from Senior Pioneer)</b>			
16:00-16:30	KDIGO guideline update on hepatitis C in CKD: new evidence, new recommendations(25') <i>Michel Jadoul (Belgium)</i>		2018 Report for Hemodialysis Center Accreditation Standards for establishment of hemodialysis units in Korea				
16:30-18:00	Arrhythmia and sudden cardiac death in ESRD patients(25') <i>Junbeom Park (Korea)</i> Heart failure in CKD(25') <i>Andrew House (Canada)</i> Current status of glomerulonephritis in Korea(25') <i>Ho Jun Chin (Korea)</i> KDIGO controversies conference on glomerular diseases 2017: a summary(25')	<b>Oral Communications 7</b>	<b>Interim Report of KSN Cooperative Study</b>	<b>Challenges and Advances in Hemodialysis</b>	<b>Peer Review and Publication Ethics</b>		
			<b>Ethics Education (Ethics for Life Sustaining Therapy of Patient in End of Life)</b> <i>(Seung Duk Hwang, Jong Soo Lee)</i>	<i>(Kamyar Kalantar-Zadeh, Yong-Soo Kim)</i> Role of super high flux membranes in HDF(30') <i>Ikuto Masakane (Japan)</i>	<i>(Sung-Tae Hong, Gheun-Ho Kim)</i>		
			End of life: role of medical personnel(30') <i>Sang Eun Park (Korea)</i>	Expanded HD: mechanisms and clinical outcomes(30') <i>Claudio Ronco (Italy)</i>	Making peer review more effective(40') <i>Sung-Tae Hong (Korea)</i>		
			Life ethics in nephrology(30') <i>Seong Eun Kim (Korea)</i>	Benefit of Incremental HD(30') <i>Kamyar Kalantar-Zadeh (USA)</i>	How to improve ethics in publication(40') <i>Dong Soo Han (Korea)</i>		
			Decision of appropriate initiation and withdrawal from dialysis(30') <i>Beom Seok Kim (Korea)</i>	Incremental initiation of hemodialysis: a cohort in Korea(30') <i>Jung Pyo Lee (Korea)</i>			
<b>May 20. Sunday</b>							
	<b>Room 1</b>	<b>Room 2</b>	<b>Room 3</b>	<b>Room 4</b>	<b>Grand Ballroom</b>		
07:30-08:30	Registration						
	<b>Dialysis Specialist Physician Course 1 (Aging in Renal Disease)</b> <i>(Seung Hwan Sohn)</i>	<b>Oral Communications 8</b>	<b>Dialysis Nurse Course 1</b> <i>(Chang Suk Lee)</i>	<b>Common Issues Confronting During Online Hemodiafiltration</b> <i>(Sug Kyun Shin, Young-il Jo)</i>	<b>Hands-On-Session</b>		
08:30-09:00	Early vascular aging (EVA syndrome) in CKD/ESRD(40') <i>Jung Tak Park (Korea)</i>		Infection control(40') <i>Jin-hee Han (Korea)</i>	Mode of HDF – which is good: pre- or post-dilution? <i>Kyubok Jin (Korea)</i>	<b>Lecture</b> Basic setting for vascular access ultrasonography(10') <i>Hoon Suk Park (Korea)</i>		
09:00-09:30	Is renal replacement therapy truly beneficial in super-aged patients?(40') <i>Do Hyoung Kim (Korea)</i>		Disaster preparedness: for medical assistance(40') <i>Han Joo Choi (Korea)</i>	Dose of HDF – how to achieve high convection volume <i>Young-Ki Lee (Korea)</i>	<b>Hands-on</b> - Clinical anatomy for vascular access - Basic setting for vascular access ultrasonography - Flow rate assessment of brachial artery		
09:30-10:00	Vascular access for super-aged patients(40') <i>Dan Song (Korea)</i>		A comparative study of citrate-enriched bicarbonate based dialysate on blood pressure and heparin requirements and hemodialysis adequacy in maintenance hemodialysis patients(40') <i>Young Ok Choi (Korea)</i>	Complications during online HDF <i>Jai Won Chang (Korea)</i>			
10:00-10:30				Cost - medical reimbursement <i>Yang Wook Kim (Korea)</i>			
10:30-11:00	Coffee Break						
	<b>Dialysis Specialist Physician Course 2 (Blood Pressure in CKD/ESRD Patients)</b> <i>(Yoon Chul Jung)</i>	<b>Oral Communications 9</b>	<b>Dialysis Nurse Course 2</b> <i>(Sang-Youb Han, Young-Ki Lee)</i>	<b>Serum Electrolytes as Predictors for Clinical Outcomes</b> <i>(Gheun-Ho Kim, Kyung Hwan Jeong)</i>	<b>Hands-On-Session</b>		
11:00-11:30	Hypertension in CKD/ESRD; Korean perspectives <i>Ran-hui Cha (Korea)</i>		Dialysis for the aging populations(40') <i>Ji Eun Lee (Korea)</i>	Prognostic significance of hyponatremia in dialysis patients <i>Tae Ik Chang (Korea)</i>	<b>Lecture</b> US surveillance for vascular access(10') <i>Sun Ryoung Choi (Korea)</i>		
11:30-12:00	Blood pressure variability and its impact on CKD/ESRD patients <i>Jung Pyo Lee (Korea)</i>		Management of hyperkalemia in dialysis patients: what is on the horizon?(40') <i>Young Youl Hyun (Korea)</i>	Outcomes in hospitalized patients with dyskalemia <i>Sejoong Kim (Korea)</i>	<b>Hands-on</b> - Surveillance for vascular access - Detection of problems in vascular access - Establishment of therapeutic strategy		
12:00-12:30	Antihypertensive medication use in the transition from CKD to dialysis <i>Jung Eun Lee (Korea)</i>		Update on uremic toxins: concepts and novelties(40') <i>So Young Lee (Korea)</i>	Optimal serum bicarbonate levels in CKD patients <i>Eun Hui Bae (Korea)</i>			
12:30-13:00				Discussion			