

Date of Birth/Gender 14 January 1973/Male

Position Title Professor of Medicine/Nephrology
Seoul National University College of Medicine,
Seoul National University Hospital (SNUH), Seoul, Korea

Contact Address Division of Nephrology, Department of Internal Medicine, SNUH
101, Daehak-ro, Jongno-gu, Seoul 03080, Rep. of Korea
(Rm) 82-2-2072-2303, (CP) 82-10-3711-0241, (FAX) 82-2-762-9662
dkkim73@snu.ac.kr; dkkim73@gmail.com
<https://snu.ac.kr/elsevierpure.com/en/persons/dong-ki-kim>;
<https://scholar.google.com/citations?user=60NvDUYAAAAAJ&hl=en>
<https://kernerstone.or.kr>



Education

1992~1998 Medical Doctor: Yonsei University, College of Medicine, Seoul, Korea
2001~2003 Master's Thesis: "Changes in causative organisms and their antimicrobial susceptibilities in CAPD peritonitis"; Mentor: Prof. Shin-Wook Kang, Department of Internal Medicine, Yonsei University, College of Medicine, Seoul, Korea
2007~2010 Doctoral Dissertation: "The impact of translationally controlled tumor protein on the podocyte hypertrophy under diabetic conditions"; Mentor: Prof. Shin-Wook Kang, Department of Internal Medicine, Yonsei University College of Medicine

Training

Mar 1998~Feb 1999 Internship, Yonsei University Medical Center (YUMC), Severance Hospital, Seoul, Korea
Mar 1999~Feb 2003 Internal Medicine Residency training, YUMC, Severance Hospital
Mar 2006~Feb 2009 Nephrology Fellowship, Yonsei University, College of Medicine, YUMC, Severance Hospital

Academic Posts

Mar 2009~Aug 2012 Clinical Assistant Professor of Medicine/Nephrology, SNUH
Sep 2012~Aug 2017 Associate Professor of Medicine/Nephrology, Seoul National University College of Medicine, SNUH
Sep 2017~Present Professor of Medicine/Nephrology, Seoul National University College of Medicine, SNUH

Professional Memberships

1999~Present Member of the Korean Society of Internal Medicine
2003~Present Member of the Korean Society of Nephrology
2009~Present Member of the International Society of Nephrology (#67194)
2015~Present Member of the American Society of Nephrology (#153373)
2016~Present Member of the Asian Pacific Society of Nephrology (#KR16L13)

Advisory Board/Committee Memberships

2012~Present Member, Kidney Research Institute, Seoul National University (SNU)
2019~Present Chair, KOrea Renal biobank NEtwoRk System TOward NExt-generation analysis (KORNERSTONE), supported by the Ministry of health and welfare, the Republic of Korea
2020~Present Director, SNUH Biobank
2020~Present Review Board, Basic Research in Science and Engineering, National Research Foundation of Korea
2022~Present Director, Training and Education, KSN
2022~Present Vice-president, WG in KSN, Korean Association for the study of Renal Anemia and artificial Intelligence
2022~Present Vice-president, WG in KSN, the Korean Society of Critical Care Nephrology
2022~Present President, WG in KSN, the Korean Society of Home Hemodialysis
2010~2016 Member (Secretary 2010-2012), Committee on Scientific Programs, KSN
2012~2013 Task Force Steering Committee, WG, Korea Biobank Project 2nd Period
2012~2014 Member (Secretary), Committee on Collaborative Studies, KSN
2012~2018 Member, Institutional Review Board, SNUH
2013~2016 Member, Committee on Nephrology Subspecialty, Korean Society of Internal Medicine
2014~2016 Member (Secretary), Committee on Public Relations, KSN
2015~2016 Member, Committee on Scientific Programs, Korean Society of Artificial Organ
2015~2017 Secretary, Kidney Research Institute, SNU
2016~2016 Member, Task Force Steering Committee, WG, Korea Biobank Project 3rd Period
2016~2018 Director of Research Planning, Medical Research Center, SNU College of Medicine
2016~2018 Secretary, KSN
2016~2019 Member, Educational Board, The Korean Association of Internal Medicine
2017~2019 Advisory board member, Human bioresources Distribution Review Board, KCDC
2018~2020 Secretary-General, KSN
2019~2020 Chair, Big data advisory board, The Korean Society of Nephrology (KSN)
2016~2020 Chief, Div. Central Laboratories, Dept. Research & Experiment, SNUH Biomed Research Institute
2010~2020 Vice-chief, SNUH Human Biobank
2020~2022 Treasurer, KSN

2019~2023
2020~2023

Chief, Dept. Clinical operations, SNUH
Director, Center for Hospital Medicine, SNUH

Award

Research Excellence Award 내과우수연구상 (Dept. Internal Med SNUH, 2011)
4th Hamchun Education Award 함춘교육상 (Alumni of Internal Medicine, SNU College of Medicine, 2015)
KSN Academic Excellence Award 대한신장학회학술상 (KSN, 2017)
27th Award for the best research paper 한국과학기술단체 총연합회 우수연구상 (The Korean Federation of Science and Technology Societies, 2017)
Outstanding Research Achievement Faculty 연구업적우수교원 (Seoul National University College of Medicine, 2017)
KRCP (Kidney Research and Clinical Practice) The Best Contribution Award KRCP최고기여상 (KSN, 2020)
KRCP (Kidney Research and Clinical Practice) The Best Contribution Award KRCP최우수 최대인용상 (KSN, 2021)
Outstanding Research Achievement Faculty 연구업적우수교원 (Seoul National University College of Medicine, 2021)
Minister of Health and Welfare Commendation for contribution to the Korea Biobank Project 보건복지부장관표창 (Ministry of Health and Welfare, Korea, 2021)
23rd Hamchun Academic Award 함춘학술상 (Alumni of Internal Medicine, SNU College of Medicine, 2021)
KRCP (Kidney Research and Clinical Practice) Contribution Award KRCP우수기여상 (KSN, 2022)
SNUH Outstanding Award: 제중우수논문상 (Seoul National University Hospital, 2022)
Outstanding Research Achievement Faculty 연구업적우수교원 (Seoul National University College of Medicine, 2022)
SNUH Outstanding Award: 지식영의학상 (Seoul National University Hospital, 2023)

Licenses & Certificates

Board of Medical Doctor, Korea, 63975
Board of Internal Medicine, Korea, 8289/Board of Nephrology Subspecialty, Korea, 5-08-445
GCP, Seoul National University Hospital, Center for Human Research Protection, Korea, 2022 (2021-ALR-0018)

Research Interests

Biobank; Omics in nephrology; Big data in nephrology

Thesis supervision

Cho S, Doctoral dissertation (2022-present): Spatial transcriptomic analysis for biomarkers of nephrotic syndrome
Lee S, Doctoral dissertation (2019-present): Understanding of chromatin accessibility using ATAC-seq: Biomarkers for IgA nephropathy
Cho S, Master thesis (2019-2020): Development of ESRD in rare diseases: A nationwide population-based study
Kang MW, Master thesis (2018-2020): Glomerular hyperfiltration is associated with dementia: A nationwide population-based study
Lee S, Master thesis (2017-2019): Post-discharge long-term prognosis of ICU survivors who underwent renal replacement therapy
Jo HA, Doctoral dissertation (2015-2021): Fumarate modulates PLA2R autoimmunity-induced podocyte injury in membranous nephropathy

Peer-reviewed Publications (Bold, main authorship; *, corresponding authorship; *h*-index on Google Scholar: 46)

1. **Park S, Kim SG, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK***. Causal effects from tobacco smoking on obesity-related traits: a Mendelian randomization study 2023 [submitted]
2. **Cho JM, Kang M, Park S, Shin HY, Koh JH, Cho S, Kim Y, Lee S, Kim YC, Han SS, Joo KW, Kim YS, Lee H, Kim HJ, Kim DK***. Identification of conserved gene expression changes across common glomerular diseases by spatial transcriptomics. 2023 [submitted]
3. **Park S, Kim SG, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK***. Genetic variations in HMGCR and PCSK9 and kidney function: A Mendelian randomization study. *Kidney Res Clin Pract* 2023 [accepted]
4. **Kim Y, Lee J, Kang MS, Kim SG, Cho S, Huh H, Lee S, Park S, Jo HA, Paek JH, Park WY, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Hwang GS, Kim DK***. Urinary metabolite profile predicting the progression of chronic kidney disease. *Kidney360* 2023 [e-pub] (PMID: 37291728)
5. Kiryluk K, Sanchez-Rodriguez E, Zhou XJ, Zanon F, Liu L, Mladkova N, Khan A, Marasa M, Zhang JY, Balderes O, Sanna-Cherchi S, Bomback AS, Canetta PA, Appel GB, Radhakrishnan J, Trimarchi H, Sprangers B, Catran DC, Reich H, Pei Y, Ravani P, Galesic K, Maixnerova D, Tesar V, Stengel B, Metzger M, Canaud G, Maillard N, Berthoux F, Berthelot L, Pillebout E, Monteiro R, Nelson R, Wyatt RJ, Smoyer W, Mahan J, Samhar AA, Hidalgo G, Quiroga A, Weng P, Sreedharan R, Selewski D, Davis K, Kallash M, Vasylyeva TL, Rheault M, Chishti A, Ranch D, Wenderfer SE, Samsonov D, Claes DJ, Akchurin O, Goumenos D, Stangou M, Nagy J, Kovacs T, Fiaccadori E, Amoroso A, Barlassina C, Cusi D, Del Vecchio L, Battaglia GG, Bodria M, Boer E, Bono L, Boscutti G, Caridi G, Lugani F, Ghiggeri G, Coppo R, Peruzzi L, Esposito V, Esposito C, Feriozzi S, Polci R, Frasca G, Galliani M, Garozzo M, Mitrotti A, Gesualdo L, Granata S, Zaza G, Londrino F, Magistroni R, Pisani I, Magnano A, Marcantoni C, Messa P, Mignani R, Pani A, Ponticelli C, Roccatoello D, Salvadori M, Salvi E, Santoro D, Gembillo G, Savoldi S, Spotti D, Zamboli P, Izzi C, Alberici F, Delbarba E, Florczak M, Krata N, Mucha K, Pączek L, Niemczyk S, Moszczuk B, Pańczyk-Tomaszewska M, Mizerska-Wasiak M, Perkowska-Ptasińska A, Bączkowska T, Durlik M, Pawlaczyk K, Sikora P, Zaniew M, Kaminska D, Krajewska M, Kuzmiuk-Glembin I, Heleniak Z, Bullo-Piontecka B, Liberek T, Dębska-Slizien A, Hryszko T, Materna-Kiryluk A, Miklaszewska M, Szczepańska M, Dya K, Machura E, Siniewicz-Luzeńczyk K, Pawlak-Bratkowska M, Tkaczyk M, Runowski D, Kwella N, Drożdż D, Habura I, Kronenberg F, Prikhodina L, van Heel D, Fontaine B, Cotsapas C, Wijmenga C, Franke A, Annese V, Gregersen PK, Parameswaran S, Weirauch M, Kottyan L, Harley JB, Suzuki H, Narita I, Goto S, Lee H, Kim DK, Kim YS, Park JH, Cho B, Choi M, Van Wijk A, Huerta A, Ars E, Ballarin J, Lundberg S, Vogt B, Mani LY, Caliskan Y, Barratt J, Abeygunaratne T, Kalra PA, Gale DP, Panzer U, Rauen T, Floege J, Schlosser P, Ekici AB, Eckardt KU, Chen N, Xie J, Lifton RP, Loos RJF, Kenny EE, Ionita-Laza I, Köttgen A, Julian BA, Novak J, Scolari F, Zhang H, Gharavi AG. Genome-wide association analyses define pathogenic signaling pathways and

prioritize drug targets for IgA nephropathy. *Nat Genet.* 2023 [e-pub] (PMID: 37337107)

6. Kim SG, Yun D, Kim J, Lee J, Kang MW, Kim YC, Kim DK, Oh KH, Joo KW, Koo H, Kim YS, Han SS. Risk of ventricular tachycardia and its outcomes in patients undergoing continuous renal replacement therapy due to acute kidney injury. *Kidney Res Clin Pract.* 2023 [e-pub] (PMID: 37098675)
7. Kim SG, Han CH, Yu SB, Lee H, Kwon S, Kim Y, Lee J, Kim DK, Oh YK, Lim CS, Kim YS, Kim BG, Lee JP. Trajectory of AKI and hospital mortality among patients with COVID-19. *Ren Fail* 2023 Dec;45(1):2177086 (PMID: 36876658)
8. Kim B, Im DW, Won H, Sunwoo J, Han SS, Lee H, Kim DK, Oh KH, Joo KW, Kim YS, Cho JY, Lee S, Oh J, Jang IJ, Kim YC. Effect of hemodialysis on the pharmacokinetics and pharmacodynamics of evogliptin. *Diabetes Obes Metab* 2023 [e-pub] (PMID: 36852751)
9. Shin DJ, Li L, Cho A, Lee J, Oh S, Kwon S, Kim DK, Kim S, Oh YK, Lim CS, Kim YS, Lee JP; VENUS study investigators. Plasma Circulating Tumor Necrosis Factor Receptors at Multiple Time Points Can Predict the Outcome of Severe Acute Kidney Injury. *Blood Purif* 2023 [e-pub] (PMID: 36265455)
10. **Park S, Kim SG, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal linkage of tobacco smoking with aging traits: a Mendelian randomization analysis towards telomere attrition and sarcopenia J Cachexia Sarcopenia Muscle 2023 Apr;14(2):955-963 (PMID:36696951)**
11. Park S, Park J, Jeong J, Jang Y, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. Changes in socioeconomic status and patient outcomes in kidney transplantation recipients in South Korea. *Korean J Transplant* 2023 Mar 31;37(1):29-40 (PMID: 37064775)
12. Kim JE, Nam H, Park JI, Cho H, Lee J, Kim HE, Kim DK, Joo KW, Kim YS, Kim BS, Park S, Lee H. Gut Microbial Genes and Metabolism for Methionine and Branched-Chain Amino Acids in Diabetic Nephropathy. *Microbiol Spectr* Mar 6;11(2):e0234422 (PMID: 36877076)
13. Yoo KD, Noh J, Bae W, An JN, Oh HJ, Rhee H, Seong EY, Baek SH, Ahn SY, Cho JH, Kim DK, Ryu DR, Kim S, Lim CS, Lee JP; Korean Association for the Study of Renal Anemia and Artificial Intelligence (KARAI). Predicting outcomes of continuous renal replacement therapy using body composition monitoring: a deep-learning approach. *Sci Rep* 2023 Mar 21;13(1):4605 (PMID: 36944678)
14. Lee J, Kim SG, Yun D, Kang MW, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Consulting to nephrologist when starting continuous renal replacement therapy for acute kidney injury is associated with a survival benefit. *PLoS One* 2023 Feb 15;18(2):e0281831 (PMID: 36791117)
15. Kim JE, Park J, Park S, Yu MY, Baek SH, Park SH, Han K, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. De novo major cardiovascular events in kidney transplant recipients: a comparative matched cohort study. *Nephrol Dial Transplant* 2023 Feb 13;38(2):499-506 (PMID: 35396847)
16. Jo HA, Seo JH, Lee S, Yu MY, Bae E, Kim DK, Kim YS, Kim DJ, Yang SH. Metabolomic profiling in kidney cells treated with a sodium glucose-cotransporter 2 inhibitor. *Sci Rep* 2023 Feb 4;13(1):2026 (PMID: 36739309)
17. **Park S, Kim SG, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Genetically predicted body selenium concentration and kidney function: A Mendelian randomization study. *Kidney Int Rep* 2023 Jan 20;8(4):851-859 (PMID: 37069993)**
18. Kim SG, Lee J, Yun D, Kang MW, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Hyperlactatemia is a predictor of mortality in patients undergoing continuous renal replacement therapy for acute kidney injury. *BMC Nephrol* 2023 Jan 14;24(1):11 (PMID: 36641421)
19. Cho S, Huh H, Park S, Lee S, Jung S, Kim M, Lee KN, Paek JH, Park WY, Jin K, Han S, Joo KW, Lim CS, Kim YS, Han K, Kim Y, Kim DK. Impact of albuminuria on the various causes of death in diabetic patients: a nationwide population-based study. *Sci Rep* 2023 Jan 6;13(1):295 (PMID: 36609387)
20. Lee Y, Lee J, Park M, Seo A, Kim KH, Kim S, Kang M, Kang E, Yoo KD, Lee S, Kim DK, Oh KH, Kim YS, Joo KW, Yang SH. Inflammatory chemokine (C-C motif) ligand 8 inhibition ameliorates peritoneal fibrosis. *FASEB J* 2023 Jan;37(1):e22632 (PMID: 36468785)
21. Yoo TH, Hong SJ, Kim S, Shin S, Kim DK, Lee JP, Han SY, Lee S, Won JC, Kang YS, Park J, Han BG, Na KR, Hur KY, Kim YJ, Park S. The FimAsartaN proTeinuriA SusTained reduCtion in comparison with losartan in diabetic chronic kidney disease (FANTASTIC) trial. *Hypertens Res* 2022 Dec;45(12):2008-2017 (PMID: 36123398)
22. Kang E, Lee J, Kang DH, Park J, Park S, Kim YC, Kim DK, Joo KW, Kim YS, Park M, Lim Y, Lee H. Clinical outcomes of posttransplantation diabetes mellitus in kidney transplantation recipients: a nationwide population-based cohort study in Korea. *Sci Rep* 2022 Dec 14;12(1):21632 (PMID: 36517524)
23. Lee HH, Jeong GW, Ye BJ, Yoo EJ, Son KS, Kim DK, Park HK, Kang BH, Lee-Kwon W, Kwon HM, Choi SY. TonEBP in myeloid cells promotes obesity-induced insulin resistance and inflammation through adipose tissue remodeling. *Diabetes* 2022 Dec 1;71(12):2557-2571 (PMID: 36170666)
24. Cho S, Park S, Kim JE, Yu MY, Baek SH, Han K, Lee H, Kim DK, Joo KW, Kim YS, Kim YC. Incidence of depression in kidney transplant recipients in South Korea: a long-term population-based study. *Sci Rep* 2022 Oct 20;12(1):17603 (PMID: 36266441)
25. Kim SG, Yun D, Lee J, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Impact of intradialytic hypotension on mortality following the transition from continuous renal replacement therapy to intermittent hemodialysis. *Acute Crit Care* 2022 Oct 26;38(1):86-94 (PMID: 36442470)
26. Park HC, Lee YK, Ko E, Yu S, Cho A, Kim DH, Kim J, Cho JH, Lee J, Kim DK, Kim SN, Yang CW; Korean Society of Nephrology COVID-19 Task Force Team. COVID-19-related clinical outcomes among Korean hemodialysis patients. *Kidney Res Clin Pract* 2022 Sep;41(5):591-600 (PMID: 35791744)
27. Huh H, Kim E, Yoon UA, Choi MJ, Lee H, Kwon S, Kim CT, Kim DK, Kim YS, Lim CS, Lee JP, Kim H, Kim YC. Ambient carbon monoxide correlates with mortality risk of hemodialysis patients: comparing results of control selection in the case-crossover designs.

Kidney Res Clin Pract 2022 Sep;41(5):601-610 (PMID: 35545219)

28. Kim Y, Kang E, Chae DW, Lee JP, Lee S, Kim SW, Cho JH, Han M, Han S, Kim YC, Kim DK, Joo KW, Kim YS, Lee H. Insufficient early renal recovery and progression to subsequent chronic kidney disease in living kidney donors. *Korean J Intern Med.* 2022 Sep;37(5):1021-1030 (PMID: 35410109)
29. Kang MW, Tangri N, Kwon S, Li L, Lee H, Han SS, An JN, Lee J, Kim DK, Lim CS, Kim YS, Kim S, Lee JP; VENUS trial Investigators. Development of new equations predicting the mortality risk of patients on continuous RRT. *Kidney360* 2022 Aug 2;3(9):1494-1501. (PMID: 36245653)
30. Kang E, Lee J, Park S, Kim Y, Kim HJ, Kim YC, Kim DK, Joo KW, Kim YS, Choi I, Lee H. Perception regarding live kidney donation in the general population of South Korea. *PLoS One* 2022 Aug 4;17(8):e0272495 (PMID: 35925947)
31. **Park S, Lee S, Kim Y, Cho S, Huh H, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of estimated glomerular filtration rate on various biochemical parameters: A Mendelian randomization study. *Commun Biol* 2022 Jul 18;5(1):713 (PMID: 35856088)**
32. Moon JJ, Choi Y, Kim KH, Seo A, Kwon S, Kim YC, Kim DK, Kim YS, Yang SH. Inhibiting Transglutaminase 2 Mediates Kidney Fibrosis via Anti-Apoptosis. *Biomedicines.* 2022 Jun 7;10(6):1345. (PMID: 35740367)
33. **Park S, Lee H, Lee J, Lee S, Cho S, Huh H, Kim JY, Park M, Lee S, Kim Y, Choi M, Joo KW, Kim YS, Yang SH, Kim DK*. RNA-seq profiling of tubulointerstitial tissue reveals a potential therapeutic role of dual anti-phosphatase 1 in kidney diseases. *J Cell Mol Med* 2022 Jun;26(12):3364-3377 (PMID: 35488446)**
34. Ryu S, Shin JW, Kwon S, Lee J, Kim YC, Bae YS, Bae YS, Kim DK, Kim YS, Yang SH, Kim HY. Siglec-F-expressing neutrophils are essential for creating a pro-fibrotic microenvironment in the renal fibrosis. *J Clin Invest* 2022 Jun 15;132(12):e156876 (PMID: 35482420)
35. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of physical activity or sedentary behaviors on kidney function: An integrated population-scale observational analysis and Mendelian randomization study. *Nephrol Dial Transplant* 2022 May 25;37(6):1059-1068 (PMID: 33826736)**
36. Kim S, Yun D, Kwon S, Lee SR, Kim K, Kim YC, Kim DK, Oh KH, Joo KW, Lee HC, Jung CW, Kim YS, Han SS. System of integrating biosignals during hemodialysis: the CONTINUAL (Continuous mOnitoriNg viTal sIgN dUring hemodiALysis) registry. *Kidney Res Clin Pract* 2022 May;41(3):363-371 (PMID: 35698753)
37. Lee J, Jung J, Lee J, Park JT, Jung CY, Kim YC, Kim DK, Lee JP, Shin SJ, Park JY. Recalibration and validation of the Charlson Comorbidity Index in acute kidney injury patients underwent continuous renal replacement therapy. *Kidney Res Clin Pract* 2022 May;41(3):332-341 (PMID: 35172534)
38. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Serum bilirubin and kidney function: A Mendelian randomization study. *Clin Kidney J* 2022 May 2;15(9):1755-1762 (PMID: 36003670)**
39. Park S, Yang SH, Kim J, Cho S, Yang J, Min SI, Ha J, Jeong CW, Bhoo SH, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Moon KC, Song EY, Lee H. Clinical Significances of Anti-Collagen Type I and Type III Antibodies in Antibody-Mediated Rejection. *Transpl Int* 2022 May 11;35:10099 (PMID: 35634584)
40. Choe PG, Jeong SI, Kang CK, Yang L, Lee S, Cho JY, Han SS, Kim DK, Lee SM, Park WB, Oh MD, Kim NJ. Exploration for the effect of renal function and renal replacement therapy on pharmacokinetics of remdesivir and GS-441524 in patients with COVID-19: A limited case series. *Clin Transl Sci* 2022 Mar;15(3):732-740 (PMID: 34761554)
41. Kim YG, Moon JY, Oh B, Chin HJ, Kim DK, Park JH, Shin SJ, Choi BS, Lim CS, Lee S. Pressure-natriuresis response is diminished in old age. *Front Cardiovasc Med.* 2022 Feb 16;9:840840 (PMID: 35252404)
42. Park S, Lee JP, Kim DK, Kim YS, Lim CS. Superior effect of allopurinol compared to febuxostat on the retardation of chronic kidney disease progression. *PLoS One.* 2022 Feb 28;17(2):e0264627 (PMID: 35226683)
43. Lee J, Lee Y, Kim KH, Kim DK, Joo KW, Shin SJ, Kim YS, Yang SH. Chemokine (C-C Motif) Ligand 8 and Tubulo-Interstitial Injury in Chronic Kidney Disease. *Cells* 2022 Feb 14;11(4):658 (PMID: 35203308)
44. **Park S, Lee S, Kim Y, Cho S, Huh H, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Nonlinear causal effects of estimated glomerular filtration rate on myocardial infarction risks: A Mendelian randomization study. *BMC Med* 2022 Feb 3;20(1):44 (PMID: 35109828)**
45. **Park S, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects from non-alcoholic fatty liver disease on kidney function: A Mendelian randomization study. *Liver Int* 2022 Feb;42(2):412-418 (PMID: 34843158)**
46. **Park S, Cho S, Lee S, Kim Y, Park S, Huh H, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Han K, Kim DK*. Association between visit-to-visit blood pressure variability and risks of dementia in predialysis CKD patients: a nationwide observational cohort study. *Clin Kidney J* 2022 Jan 28;15(8):1506-1513 (PMID: 36824064)**
47. Kim MG, Yun D, Kang CL, Hong M, Hwang J, Moon KC, Jeong CW, Kwak C, Kim DK, Oh KH, Joo KW, Kim YS, Lee DS, Han SS. Kidney VISTA prevents IFN γ -IL-9 axis-mediated tubulointerstitial fibrosis after acute glomerular injury. *J Clin Invest* 2022 Jan 4;132(1):e151189 (PMID: 34752423)
48. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Relation of poor handgrip strength or slow walking pace to risk of myocardial infarction and fatality. *Am J Cardiol* 2022 Jan 1;162:58-65 (PMID: 34903347)**
49. Kim SM, Kim DH, Ryu DR, Lee S, Kim Y, Park S, Cho S, Huh H, Hwang J, Lee JP, Han SS, Lee H, Kim DK, Joo KW, Lim CS, Kim YS, Oh HJ. Optimal target blood pressure for major adverse cardiovascular and cerebrovascular events in hypertensive patients: a nationwide population-based study. *J Hypertens* 2022 Jan 1;40(1):76-83 (PMID: 34420011)
50. **Park S, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Kidney function**

and obstructive lung disease: A bidirectional Mendelian randomization study. Eur Respir J 2021 Dec 9;58(6):2100848 (PMID: 33958431)

51. Yoo KD, Oh HJ, Park S, Kang MW, Kim YC, Park JY, Lee J, Lee JS, Kim DK, Lim CS, Kim YS, Lee JP; Korean Association for the study of Renal Anemia and artificial Intelligence (KARAI). Red blood cell distribution width as a predictor of mortality among patients regularly visiting the nephrology outpatient clinic. *Sci Rep* 2021 Dec 21;11(1):24310 (PMID: 34934060)
52. Li L, An JN, Lee J, Shin DJ, Zhu SM, Kim JH, Kim DK, Ryu DR, Kim S, Lee JP. Hepatocyte growth factor and soluble cMet levels in plasma are prognostic biomarkers of mortality in patients with severe acute kidney injury. *Kidney Res Clin Pract* 2021 Dec;40(4):596-610 (PMID: 34510856)
53. **Park S, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Lee S, Choi EK, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effect of atrial fibrillation on brain white or grey matter volume: A Mendelian randomization study. *BMC Med* 2021 Nov 24;19(1):274 (PMID: 34814924)**
54. Kang M, Kwon S, Lee J, Shin JI, Kim YC, Park JY, Bae E, Kim EY, Kim DK, Lim CS, Lee JP. Albuminuria within the Normal Range Can Predict All-Cause Mortality and Cardiovascular Mortality. *Kidney360* 2021 Nov 5;3(1):74-82 (PMID: 35368577)
55. Kim JE, Park S, Kim MS, Kang SJ, Lee JW, Kim KS, Kim YC, Kim DK, Joo KW, Kim YS, Park M, Lee H. Statin initiation and all-cause mortality in incident statin-naïve dialysis patients. *Atherosclerosis* 2021 Nov;337:59-65 (PMID: 34429195)
56. Jung HY, Jeon Y, Kim YS, Kim DK, Lee JP, Yang CW, Ko EJ, Ryu DR, Kang SW, Park JT, Lim JH, Choi JY, Cho JH, Kim CD, Kim YL, Park SH. Outcomes of Remote Patient Monitoring for Automated Peritoneal Dialysis: A Randomized Controlled Trial. *Nephron* 2021 Nov;145(6):702-710 (PMID: 34515160)
57. Park S, Park S, Kim JE, Yu MY, Kim YC, Kim DK, Joo KW, Kim YS, Han K, Lee H. Risk of active tuberculosis infection in kidney transplantation recipients: a matched comparative nationwide cohort study. *Am J Transplant* 2021 Nov;21(11):3629-3639 (PMID: 33938138)
58. **Park S, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. A Mendelian randomization study found causal linkage between telomere attrition and chronic kidney disease. *Kidney Int* 2021 Nov 100(5):1063-1070 (PMID: 34339747)**
59. Cho S, Kang E, Kim JE, Kang U, Kang HG, Park M, Kim K, Kim DK, Joo KW, Kim YS, Yoon HJ, Lee H. Clinical Significance of Acute Kidney Injury in Lung Cancer Patients. *Cancer Res Treat* 2021 Oct;53(4):1015-1023 (PMID: 33494125)
60. **Park S, Cho S, Lee S, Kim Y, Park S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Han K Kim DK*. The prognostic significance of body mass index and metabolic parameter variabilities in predialysis chronic kidney disease: a nationwide observational cohort study. *J Am Soc Nephrol* 2021 Oct;32(10):2595-2612 (PMID: 34385363)**
61. Choi JS, Yun D, Kim DK, Oh KH, Joo KW, Kim YS, Na KY, Han SS. Hyperchloremia is associated with poor renal outcome after coronary artery bypass grafting. *BMC Nephrol* 2021 Oct 18;22(1):343 (PMID: 34657614)
62. Yun D, Cho S, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Use of Deep Learning to Predict Acute Kidney Injury After Intravenous Contrast Media Administration: Prediction Model Development Study. *JMIR Med Inform* 2021 Oct 1;9(10):e27177 (PMID: 34596574)
63. **Park S, Han K, Lee S, Kim Y, Lee Y, Kang MW, Park S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Cardiovascular or mortality risk of controlled hypertension and importance of physical activity. *Heart* 2021 Sep;107:1472-1479 (PMID: 33402363)**
64. Park HC, Lee YK, Cho JH, Lee SH, Kim DK, Kim SN, Yang CW; Korean Society of Nephrology COVID-19 Task Force Team. Fighting coronavirus disease-2019 (COVID-19): The role of a COVID-19 Task Force Team. *Kidney Res Clin Pract* 2021 Sep;40(3):501-504 (PMID: 34510855)
65. Kang M, Kim YL, Kang E, Ryu H, Kim YC, Kim DK, Lee H, Han SS, Joo KW, Kim YS, Ahn C, Oh KH. Evolving outcomes of peritoneal dialysis: secular trends at a single large center over three decades. *Kidney Res Clin Pract* 2021 Sep;40(3):472-483 (PMID: 34233441)
66. Medina-Liabres KRP, Jeong JC, Oh HJ, An JN, Lee JP, Kim DK, Ryu DR, Kim S. Mortality predictors in critically ill patients with acute kidney injury requiring continuous renal replacement therapy. *Kidney Res Clin Pract* 2021 Sep;40(3):401-410 (PMID: 34233439)
67. **Jo HA, Yang SH, Kim DK. The authors reply to “Response to Fumarate in Membranous Nephropathy: More Questions than Answers”. *Kidney Int* 2021 Sep;100(3):707-708 (PMID: 34420661)**
68. Lim JH, Jeon Y, Ahn JS, Kim S, Kim DK, Lee JP, Ryu DR, Seong EY, Ahn SY, Baek SH, Jung HY, Choi JY, Park SH, Kim CD, Kim YL, Cho JH. GDF-15 Predicts In-Hospital Mortality of Critically Ill Patients with Acute Kidney Injury Requiring Continuous Renal Replacement Therapy: A Multicenter Prospective Study. *J Clin Med* 2021 Aug 18;10(16):3660 (PMID: 34441955)
69. Lee Y, Ryu J, Kang MW, Seo KH, Kim J, Suh J, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Jeong CW, Lee SC, Kwak C, Kim S, Han SS. Machine learning-based prediction of acute kidney injury after nephrectomy in patients with renal cell carcinoma. *Sci Rep* 2021 Aug 3;11(1):15704 (PMID: 34344909)
70. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of education on chronic kidney disease: A Mendelian randomization study. *Clin Kidney J* 2021 Aug 14(8):1932-1938 (PMID: 34345417)**
71. Kang MW, Kim S, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Machine learning model to predict hypotension after starting continuous renal replacement therapy. *Sci Rep* 2021 Aug 25;11(1):17169 (PMID: 34433892)
72. **Kim Y, Lee S, Lee Y, Kang MW, Park S, Park S, Han K, Paek JH, Park WY, Jin K, Han S, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Predictive value of TG/HDL-cholesterol for major clinical outcomes in advanced chronic kidney disease: a nationwide population-based study. *Clin Kidney J* 2021 Aug 14(8):1961-1968 (PMID: 34345420)**
73. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*.**

Atrial fibrillation and kidney function: A bidirectional Mendelian randomization study. *Eur Heart J* 2021 Jul 31;42(29):2816-2823 (PMID: 34023889)

74. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal linkage between adult height and kidney function: An integrated population-scale observational analysis and Mendelian randomization study.** *PLoS One* 2021 Jul 29;16(7):e0254649 (PMID: 34324541)
75. Yu MY, Kwon S, Moon JJ, Kim YC, Song EY, Lee H, Moon KC, Ha J, Kim DK, Han SW, Kim GH, Kim YS, Yang SH. Role of the IL-33/ST2 pathway in renal allograft rejection. *Exp Cell Res* 2021 Jun 21;405(2):112705 (PMID: 34166678)
76. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effect of alcohol use on the risk of end-stage kidney disease and related comorbidities: A Mendelian randomization study.** *Kidney Res Clin Pract* 2021 Jun;40(2):282-293 (PMID: 34024088)
77. **Park S, Lee J, Yang SH, Lee H, Kim JY, Park M, Kim KH, Moon JJ, Cho S, Lee S, Kim Y, Lee H, Lee JP, Jeong CW, Kwak C, Joo KW, Lim CS, Kim YS, Kim DK*. Comprehensive metabolomic profiling in early IgA nephropathy patients reveals urine glycine as a prognostic biomarker.** *J Cell Mol Med* 2021 Jun;25(11):5177-5190 (PMID: 33939273)
78. Li L, Lee J, Cho A, Kim JH, Ju W, An JN, Park JH, Zhu SM, Lee J, Yu SS, Lim CS, Kim DK, Kim YS, Yang SH, Lee JP. cMet agonistic antibody prevents acute kidney injury to chronic kidney disease transition by suppressing Smurf1 and activating Smad7. *Clin Sci (Lond)* 2021 Jun 11;135(11):1427-1444 (PMID: 34061176)
79. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of positive affect, life satisfaction, depressive symptoms, and neuroticism on kidney function: A Mendelian randomization study.** *J Am Soc Nephrol* 2021 Jun 1;32(6):1484-1496 (PMID: 33785582)
80. Park S, Baek CH, Park SK, Kang HG, Han SH, Ryu DR, Kim DK, Oh KH, Joo KW, Kim YS, Moon KC, Chin HJ, Lee H. Increasing prescription of renin-angiotensin-aldosterone system blockers associated with improved kidney prognosis in Korean IgA nephropathy patients. *Clin Kidney J* 2021 Jun 11;14(6):1673-1680 (PMID: 34084463)
81. Lee J, Choe HR, Park SH, Do Han K, Kim DK, Joo KW, Kim YS, Lee EK, Park UC, Yu HG, Lee H, Kim YC, Oh BL. Impact of kidney transplantation on the risk of retinal vein occlusion in end-stage renal disease. *Sci Rep* 2021 Jun 2;11(1):11583 (PMID: 34078921)
82. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Observational or genetically predicted higher vegetable intake and kidney function impairment: An integrated population-scale observational analysis and Mendelian randomization study.** *J Nutr* 2021 May 11;151(5):1167-1174 (PMID: 33693791)
83. Lee Y, Jang MJ, Jeon J, Lee JE, Huh W, Choi BS, Park CW, Chin HJ, Kang CL, Kim DK, Han SS, Joo KW. Cardiovascular Risk Comparison between Expanded Hemodialysis Using TheraNova and Online Hemodiafiltration (CARTOON): A Multicenter Randomized Controlled Trial. *Sci Rep* 2021 May 24;11(1):10807 (PMID: 34031503)
84. An JN, Ryu S, Kim YC, Yoo KD, Lee J, Kim HY, Lee H, Lee JP, Lee JW, Jeon US, Kim DK, Kim YS, Yang SH. NK1.1 - natural killer T cells upregulate interleukin-17 expression in experimental lupus nephritis. *Am J Physiol Renal Physiol* 2021 May 1;320(5):F772-F788 (PMID: 33719574)
85. Baek SH, Park S, Yu MY, Kim JE, Park SH, Han K, Kim YC, Kim DK, Joo KW, Kim YS, Lee H. Incident Parkinson's disease in kidney transplantation recipients: a nationwide population-based cohort study in Korea. *Sci Rep* 2021 May 18;11(1):10541 (PMID: 34007005)
86. Kim YC, Kim E, Jung J, Park JY, Lee H, Kim DK, Kim YS, Lim CS, Lee JP, Kim H. Clinical outcomes associated with long-term exposure to airborne particulate pollution in kidney transplant recipients. *Environ Health* 2021 May 15;20(1):61 (PMID: 33992106)
87. **Kim Y, Lee S, Lee Y, Park S, Park S, Paek JH, Park WY, Jin K, Han S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Han K, Kim DK*. The minimum-mortality eGFR percentile shifts upward in the aged population: a nationwide population-based study.** *Clin Kidney J* 2021 May ;14(5):1356-1363 (PMID: 33959265)
88. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of serum levels of n-3 or n-6 polyunsaturated fatty acids on coronary artery disease: Mendelian randomization study.** *Nutrients* 2021 Apr 28;13(5):1490 (PMID: 33924952)
89. Song YK, Jeong S, Han N, Na H, Jang HY, Sohn M, Kim YS, Joo KW, Oh KH, Kim DK, Lee H, Oh JM, DrugTEAM Study Group. Effectiveness of Clinical Pharmacist Service on Drug-Related Problems and Patient Outcomes for Hospitalized Patients with Chronic Kidney Disease: A Randomized Controlled Trial. *J Clin Med* 2021 Apr 20;10(8):1788 (PMID: 33924036)
90. **Jo HA*, Kim DK*, Park S, Kim Y, Han SS, Yang BR, Choi SH, Kim MS, Lee J, Lee H, Lee JP, Lim CS, Kim YS, Joo KW. Cardiovascular risk of non-steroidal anti-inflammatory drugs in dialysis patients: a nationwide population-based study.** *Nephrol Dial Transplant* 2021 Apr 26;36(5):909-917 (PMID: 31943085) (*equally contributed as a primary author)
91. Yun D, Kim DK, Lee JP, Kim YS, Oh S, Lim CS. Can sodium fluorescein cause contrast-induced nephropathy? *Nephrol Dial Transplant* 2021 Apr 26;36(5):819-825 (PMID: 31773157)
92. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of relative fat, protein, and carbohydrate intake on chronic kidney disease: A Mendelian randomization study.** *Am J Clin Nutr* 2021 Apr 6;113(4):1023-1031 (PMID: 33564816)
93. Moon JJ, Kim YW, Oh BL, Han K, Kim DK, Joo KW, Kim YS, Park KH, Lee H, Kim YC, Jeoung JW. Nationwide Glaucoma incidence in end stage renal disease patients and kidney transplant recipients. *Sci Rep* 2021 Apr 1;11(1):7418 (PMID: 33795815)
94. **Park S, Lee S, Kim Y, Cho S, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Causal effects of homocysteine, folate, and cobalamin on kidney function: A Mendelian randomization study.** *Nutrients* 2021 Mar 11;13(3):906 (PMID: 33799553)
95. Lee H, Yun D, Yoo J, Yoo K, Kim YC, Kim DK, Oh KH, Joo KW, Kim YS, Kwak N, Han SS. Deep Learning Model for Real-Time Prediction of Intradialytic Hypotension. *Clin J Am Soc Nephrol* 2021 Mar 8;16(3):396-406 (PMID: 33574056)

96. Lim JH, Han MH, Kim YJ, Jeon Y, Jung HY, Choi JY, Cho JH, Kim CD, Kim YL, Lee H, Kim DK, Moon KC, Park SH. Histopathologic and clinicopathologic classifications of antineutrophil cytoplasmic antibody-associated glomerulonephritis: a validation study in a Korean cohort. *Kidney Res Clin Pract* 2021 Mar;40(1):77-88 (PMID: 33789384)
97. Park S, Park J, Kim M, Kim JE, Yu MY, Kim K, Park M, Kim YC, Kim DK, Joo KW, Kim YS, Lee H. Socioeconomic dependency and kidney transplantation accessibility and outcomes: a nationwide observational cohort study in South Korea. *J Nephrol* 2021 Feb;34(1):211-219 (PMID: 33048288)
98. **Jo HA, Hyeon JS, Yang SH, Jung Y, Ha H, Jeong CW, Kwak C, Kim Y, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Hwang GS, Kim DK*. Fumarate modulates phospholipase A2 receptor autoimmunity-induced podocyte injury in membranous nephropathy. *Kidney Int* 2021 Feb 99(2):443-455 (PMID: 32712166)**
99. Kang M, Kim YC, Lee H, Kim DK, Oh KH, Joo KW, Kim YS, Chin HJ, Han SS. Renal outcomes in adult patients with horseshoe kidney. *Nephrol Dial Transplant* 2021 Feb 20;36(3):498-503 (PMID: 31697372)
100. Park S, Park GC, Park J, Kim JE, Yu MY, Kim K, Park M, Kim YC, Kim DK, Joo KW, Kim YS, Lee H. Disparity in accessibility to and prognosis of kidney transplantation according to economic inequality in South Korea: a widening gap after expansion of insurance coverage. *Transplantation* 2021 Feb 1;105(2):404-412 (PMID: 32265414)
101. **Park S, Han K, Lee S, Kim Y, Lee Y, Kang MW, Park S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Smoking, development of or recovery from metabolic syndrome, and major adverse cardiovascular events: a nationwide population-based cohort study including 6 million people. *PLoS One* 2021 Jan 12;16(1):e02416232021 (PMID: 33434198)**
102. Kim JE, Han D, Jeong JS, Moon JJ, Moon HK, Lee S, Kim YC, Yoo KD, Lee JW, Kim DK, Kwon YJ, Kim YS, Yang SH. Multi-sample mass spectrometry-based approach for discovering injury markers in chronic kidney disease. *Mol Cell Proteomics* 2021 Jan;20:100037 (PMID: 33453410)
103. Kim Y, Yun D, Kwon S, Jin K, Han S, Kim DK, Oh KH, Joo KW, Kim YS, Kim S, Han SS. Target value of mean arterial pressure in patients undergoing continuous renal replacement therapy due to acute kidney injury. *BMC Nephrol* 2021 Jan 9;22(1):20 (PMID: 33422032)
104. Lee J, Kim YC, Kwon S, Li L, Oh S, Kim DH, An JN, Cho JH, Kim DK, Kim YL, Oh YK, Lim CS, Kim YS, Lee JP. Impact of health-related quality of life on survival after dialysis initiation: a prospective cohort study in Korea. *Kidney Res Clin Pract* 2020 Dec 31;39(4):426-440 (PMID: 33318340)
105. Jhee JH, Park JY, An JN, Kim DK, Joo KW, Oh YK, Lim CS, Kim YS, Han SH, Yoo TH, Kang SW, Lee JP, Park JT. Cumulative fluid balance and mortality in elderly patients with acute kidney injury requiring continuous renal-replacement therapy: a multicenter prospective cohort study. *Kidney Res Clin Pract* 2020 Dec 31;39(4):414-425 (PMID: 33318341)
106. **Lee S, Park S, Kim Y, Lee Y, Kang MW, Cho S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Han K, Kim DK*. Impact of variability in estimated glomerular filtration rate on major clinical outcomes: a nationwide population-based study. *PLoS One*. 2020 Dec 17;15(12):e0244156 (PMID: 33332407)**
107. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Kim K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Short or long sleep duration and CKD: a Mendelian randomization study. *J Am Soc Nephrol* 2020 Dec;31(12):2937-2947 (PMID: 33004418)**
108. **Park S, Han K, Lee S, Kim Y, Lee Y, Kang MW, Park S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Association between self-reported moderate-to-vigorous physical activity and the risk of major adverse cardiovascular events in people with various metabolic syndrome status: a nationwide population-based cohort study including 6 million people. *J Am Heart Assoc* 2020 Nov 17;9(22):e016806 (PMID: 33153387)**
109. Kim JE, Kim HE, Cho H, Park JI, Kwak MJ, Kim BY, Yang SH, Lee JP, Kim DK, Joo KW, Kim YS, Kim BS, Lee H. Effect of the similarity of gut microbiota composition between donor and recipient on graft function after living donor kidney transplantation. *Sci Rep* 2020 Nov 3;10(1):18881 (PMID: 33144672)
110. Park S, Yang SH, Jeong CW, Moon KC, Kim DK, Joo KW, Kim YS, Lee JW, Lee H. RNA-seq profiling of microdissected glomeruli identifies potential biomarkers for human IgA nephropathy. *Am J Physiol Renal Physiol* 2020 Nov 1;319(5):F809-F821 (PMID: 32954852)
111. **Kim Y, Lee S, Lee Y, Kang MW, Park S, Park S, Han K, Paek JH, Park WY, Jin K, Han S, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Glomerular hyperfiltration and cancer: A nationwide population-based study. *Cancer Epidemiol Biomarkers Prev* 2020 Oct 29;29:2070-2077 (PMID: 32699074)**
112. An JN, Li L, Lee J, Yu SS, Kim JH, Lee J, Kim YC, Kim DK, Oh YK, Lim CS, Kim YS, Kim S, Yang SH, Lee JP. Urinary cMet as a prognostic marker in immunoglobulin A nephropathy. *J Cell Mol Med* 2020 Oct;24(19):11158-11169 (PMID: 32822114)
113. Park JG, Na M, Kim MG, Park SH, Lee HJ, Kim DK, Kwak C, Kim YS, Chang S, Moon KC, Lee DS, Han SS. Immune cell composition in normal human kidneys. *Sci Rep* 2020 Sep 24;10(1):15678 (PMID: 32973321)
114. **Kang E, Kim Y, Kim YC, Kim E, Lee N, Kim Y, Lee S, Han S, Choe M, Hwang JH, Lee S, Park JI, Park JT, Lim BJ, Lee JP, An JN, Ryu DR, Kim JH, Kang HG, Lee HS, Moon KC, Joo KW, Oh KH, Han SS, Lee H, Kim DK; KORNERSTONE Study Group. Biobanking for glomerular diseases: a study design and protocol for KOREA Renal biobank NETWORK System TOWARD NExt-generation analysis (KORNERSTONE). *BMC Nephrol* 2020 Aug 26;21(1):367 (PMID: 32842999)**
115. Choi JS, Kim MH, Kim YC, Lim YH, Bae HJ, Kim DK, Park JY, Noh J, Lee JP. Recalibration and validation of the Charlson Comorbidity Index in an Asian population: the National Health Insurance Service-National Sample Cohort study. *Sci Rep* 2020 Aug 13;10(1):13715 (PMID: 32792552)
116. Kang MW, Tangri N, Kim YC, An JN, Lee J, Li L, Oh YK, Kim DK, Joo KW, Kim YS, Lim CS, Lee JP. An independent validation of the kidney failure risk equation in an Asian population. *Sci Rep* 2020 Jul 31;10(1):12920 (PMID: 32737361)
117. Lim JH, Han MH, Kim YJ, Jeon Y, Jung HY, Choi JY, Cho JH, Kim CD, Kim YL, Lee H, Kim DK, Moon KC, Park SH. Novel histopathologic predictors for renal outcomes in crescentic glomerulonephritis. *PLoS One* 2020 Jul 27;15(7):e0236051 (PMID: 32716952)

118. Jeong JS, Kim JH, Kim DK, Oh KH, Joo KW, Kim YS, Cho YM, Han SS. Predictive value of cardio-ankle vascular index for the risk of end-stage renal disease. *Clin Kidney J* 2020 Jul 28;14(1):255-260 (PMID: 33564426)
119. Yun D, Choi Y, Lee SP, Park KW, Koo BK, Kim HS, Kim DK, Joo KW, Kim YS, Han SS. Blood Pressure and Renal Progression in Patients Undergoing Percutaneous Coronary Intervention. *Am J Hypertens* 2020 Jul 18;33(7):676-684 (PMID: 32179915)
120. Cho JH, Kang SH, Park HC, Kim DK, Lee SH, Do JY, Park JW, Kim SN, Kim MS, Jin K, Kang GW, Park SH, Kim YL, Lee YK; Korean Society of Nephrology COVID-19 Task Force Team. Hemodialysis with cohort isolation to prevent secondary transmission during a COVID-19 outbreak in Korea. *J Am Soc Nephrol* 2020 Jul;31(7):1398-1408 (PMID: 32482688)
121. Lee J, Oh S, Kang H, Kim S, Lee G, Li L, Kim CT, An JN, Oh YK, Lim CS, Kim DK, Kim YS, Choi K, Lee JP. Environment-Wide Association Study of CKD. *Clin J Am Soc Nephrol* 2020 Jun 8;15(6):766-775 (PMID: 32628126)
122. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Han K, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Reduced risk for chronic kidney disease after recovery from metabolic syndrome: a nationwide population-based study. *Kidney Res Clin Pract* 2020 Jun 30;39(2):180-191 (PMID: 32344501)**
123. Park HC, Kim DH, Yoo KD, Kim YG, Lee SH, Yoon HE, Kim DK, Kim SN, Kim MS, Jung YC, Kim YS, Lee YK; Korean Society of Nephrology COVID-19 Task Force Team. Korean clinical practice guidelines for preventing transmission of coronavirus disease 2019 (COVID-19) in hemodialysis facilities. *Kidney Res Clin Pract* 2020 Jun 30;39(2):145-150 (PMID: 32408730)
124. Kim JE, Kim HE, Park JI, Cho H, Kwak MJ, Kim BY, Yang SH, Lee JP, Kim DK, Joo KW, Kim YS, Kim BS, Lee H. The Association between Gut Microbiota and Uremia of Chronic Kidney Disease. *Microorganisms* 2020 Jun 16;8(6) (PMID: 32560104)
125. Kim Y, Yu MY, Yoo KD, Jeong CW, Kim HH, Min SI, Ha J, Choi Y, Yun JM, Park SM, Yang SH, Kim DK, Oh KH, Joo KW, Ahn C, Kim YS, Lee H. Long-term Mortality Risks Among Living Kidney Donors in Korea. *Am J Kidney Dis* 2020 Jun;75(6):919-925 (PMID: 31866225)
126. **Park S, Han K, Kim DK. Altered Risk for Cardiovascular Events With Changes in the Metabolic Syndrome Status. *Ann Intern Med* 2020 May 19;172(10):707-708 (PMID: 32422106)**
127. An JN, Li L, Lee J, Yu SS, Lee J, Kim YC, Kim DK, Oh YK, Lim CS, Kim YS, Kim S, Yang SH, Lee JP. cMet agonistic antibody attenuates apoptosis in ischaemia-reperfusion-induced kidney injury. *J Cell Mol Med* 2020 May;24(10):5640-5651 (PMID: 32239661)
128. Yoo KD, Cha RH, Lee S, Kim JE, Kim KH, Lee JS, Kim DK, Kim YS, Yang SH. Chemokine receptor 5 blockade modulates macrophage trafficking in renal ischaemic-reperfusion injury. *J Cell Mol Med* 2020 May;24(10):5515-5527 (PMID: 32227583)
129. Park JG, Lee CR, Kim MG, Kim G, Shin HM, Jeon YH, Yang SH, Kim DK, Joo KW, Choi EY, Kim HR, Kwak C, Kim YS, Choi M, Lee DS, Han SS. Kidney residency of VISTA-positive macrophages accelerates repair from ischemic injury. *Kidney Int* 2020 May;97(5):980-994 (PMID: 32143848)
130. **Park S, Kim Y, Jo HA, Lee S, Kim MS, Yang BR, Lee J, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Clinical outcomes of prolonged dual antiplatelet therapy after coronary drug-eluting stent implantation in dialysis patients. *Clin Kidney J* 2020 May 3;13(5):803-812 (PMID: 33125004)**
131. Noh J, Yoo KD, Bae W, Lee JS, Kim K, Cho JH, Lee H, Kim DK, Lim CS, Kang SW, Kim YL, Kim YS, Kim G, Lee JP. Prediction of the Mortality Risk in Peritoneal Dialysis Patients using Machine Learning Models: A Nation-wide Prospective Cohort in Korea. *Sci Rep* 2020 May 4;10(1):7470 (PMID: 32366838)
132. Kwon S, Kim YC, Park JY, Lee J, An JN, Kim CT, Oh S, Park S, Kim DK, Oh YK, Kim YS, Lim CS, Lee JP. The Long-term Effects of Metformin on Patients With Type 2 Diabetic Kidney Disease. *Diabetes Care* 2020 May;43(5):948-955 (PMID: 32132005)
133. **Lee Y, Park S, Lee S, Kim Y, Kang MW, Cho S, Park S, Han K, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Lipid profiles and risk of major adverse cardiovascular events in CKD and diabetes: A nationwide population-based study. *2020 PLoS One* 2020 Apr 9;15(4):e0231328 (PMID: 32271842)**
134. Ryu S, Lee EY, Kim DK, Kim YS, Chung DH, Kim JH, Lee H, Kim HY. Reduction of circulating innate lymphoid cell progenitors results in impaired cytokine production by innate lymphoid cells in patients with lupus nephritis. *Arthritis Res Ther* 2020 Mar 29;22(1):63 (PMID: 32223753)
135. Moon JJ, Kim Y, Kim DK, Joo KW, Kim YS, Han SS. Association of hypoalbuminemia with short-term and long-term mortality in patients undergoing continuous renal replacement therapy. *Kidney Res Clin Pract.* 2020 Mar 31;39(1):47-53 (PMID: 31995708)
136. Xie J, Liu L, Mladkova N, Li Y, Ren H, Wang W, Cui Z, Lin L, Hu X, Yu X, Xu J, Liu G, Caliskan Y, Sidore C, Balderes O, Rosen RJ, Bodria M, Zanoni F, Zhang JY, Krithivasan P, Mehl K, Marasa M, Khan A, Ozay F, Canetta PA, Bomback AS, Appel GB, Sanna-Cherchi S, Sampson MG, Mariani LH, Perkowska-Ptasinska A, Durlak M, Mucha K, Moszczuk B, Foronczewicz B, Pączek L, Habura I, Ars E, Ballarin J, Mani LY, Vogt B, Ozturk S, Yildiz A, Seyahi N, Arikan H, Koc M, Basturk T, Karahan G, Akgul SU, Sever MS, Zhang D, Santoro D, Bonomini M, Londrino F, Gesualdo L, Reiterova J, Tesar V, Izzi C, Savoldi S, Spotti D, Marcantoni C, Messa P, Galliani M, Roccatello D, Granata S, Zaza G, Lugani F, Ghiggeri G, Pisani I, Allegri L, Sprangers B, Park JH, Cho B, Kim YS, Kim DK, Suzuki H, Amoroso A, Cattran DC, Fervenza FC, Pani A, Hamilton P, Harris S, Cheshire S, Gupta S, Dufek S, Issler N, Pepper RJ, Connolly J, Powis S, Bockenbauer D, Stanescu HC, Ashman N, Loos RJF, Kenny EE, Wuttke M, Eckardt KU, Köttgen A, Hofstra JM, Coenen MJH, Kiemeny LA, Akilesh S, Kretzler M, Beck LH, Stengel B, Debiec H, Ronco P, Wetzels JFM, Zoledziewska M, Cucca F, Ionita-Laza I, Lee H, Hoxha E, Stahl RAK, Brenchley P, Scolari F, Zhao MH, Gharavi AG, Kleta R, Chen N, Kiryluk K. The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. *Nat Commun* 2020 Mar 30;11(1):1600 (PMID: 32231244)
137. **Park S*, Kim DK*, Jung HY, Kim CD, Cho JH, Cha RH, Jeong JC, Kim S, Kim HJ, Ban TH, Chung BH, Lee JP, Park JT, Han SH, Yoo TH, Ryu DR, Moon SJ, Lee JE, Huh W, Kang EW, Chang TI, Joo KW. Efficacy and safety of a balanced salt solution versus a 0.9% saline infusion for the prevention of contrast-induced acute kidney injury after contrast-enhanced computed tomography. *Kidney Med* 2020 Feb 2(2):189-195 (PMID: 32734238) (*equally contributed as a primary author)**
138. Kwon S, Kim DK, Oh KH, Joo KW, Lim CS, Kim YS, Han SS. Apolipoprotein B is a risk factor for end-stage renal disease. *Clin Kidney J* 2020 Feb 11;14(2):617-623 (PMID: 33623687)
139. Islam J, Lee HJ, Yang SH, Kim DK, Joo KW, Kim YS, Seo SU, Seong SY, Lee DS, Youn JI, Han SS. Expansion of myeloid-derived

- suppressor cells correlates with renal progression in type 2 diabetic nephropathy. *Immune Netw* 2020 Feb 18;20(2):e18 (PMID: 32395370)
140. Kang MW, Kim J, Kim DK, Oh KH, Joo KW, Kim YS, Han SS. Machine learning algorithm to predict mortality in patients undergoing continuous renal replacement therapy. *Crit Care* 2020 Feb 6;24(1):42 (PMID: 32028984)
141. **Kang MW, Park S, Lee S, Lee Y, Cho S, Han K, Cho H, Kim Y, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Glomerular hyperfiltration is associated with dementia: A nationwide population-based study. *PLoS One* 2020 Jan 28;15(1): e0228361 (PMID: 31990949)**
142. **Kim Y, Park S, Kim MH, Song SH, Lee WM, Kim HS, Jin K, Han S, Kim YC, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Can a semi-quantitative method replace the current quantitative method for the annual screening of microalbuminuria in patients with diabetes? diagnostic accuracy and cost-saving analysis considering the potential health burden. *PLoS One* 2020 Jan 21;15(1):e0227694 (PMID: 31961894)**
143. Yun D, Kim DK, Oh KH, Joo KW, Moon KC, Kim YS, Lee K, Han SS. MEST-C pathological score and long-term outcomes of child and adult patients with Henoch-Schönlein purpura nephritis. *BMC Nephrol.* 2020 Jan 30;21(1):33 (PMID: 32000703)
144. Park S, Lee HC, Jung CW, Choi Y, Yoon HJ, Kim S, Chin HJ, Kim M, Kim YC, Kim DK, Kim YS, Lee H. Intraoperative arterial pressure variability and postoperative acute kidney injury. *Clin J Am Soc Nephrol* 2020 Jan 7;15(1):35-46 (PMID: 31888922)
145. Yu MY, Kim JE, Lee S, Choi JW, Kim YC, Han SS, Lee H, Cha RH, Lee JP, Lee JW, Kim DK, Kim YS, Yang SH. Krüppel-like factor 15 is a key suppressor of podocyte fibrosis under rotational force-driven pressure. *Exp Cell Res* 2020 Jan 1;386(1):111706 (PMID: 31697927)
146. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Han K, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Altered risk for cardiovascular events with changes in the metabolic syndrome status: A nationwide population-based study of approximately 10 million persons. *Ann Intern Med* 2019 Dec 17;171(12):875-884 (PMID: 31766057)**
147. Ryu JH, Lee KY, Koo TY, Kim DK, Oh KW, Yang J, Park KJ. Outcomes of the surgical management of encapsulating peritoneal sclerosis: A case series from a single center in Korea. *Kidney Res Clin Pract* 2019 Dec 31;38(4):499-508 (PMID: 31640301)
148. Kim JE, Yu MY, Kim YC, Min SI, Ha J, Lee JP, Kim DK, Oh KH, Joo KW, Ahn C, Kim YS, Lee H. Ratio of triglyceride to high-density lipoprotein cholesterol and risk of major cardiovascular events in kidney transplant recipients. *Clin Exp Nephrol* 2019 Dec;23(12):1407-1417 (PMID: 31468232)
149. Kim Y, Park N, Kim J, Kim DK, Chin HJ, Na KY, Joo KW, Kim YS, Kim S, Han SS. Development of a New Mortality Scoring System for Acute Kidney Injury with Continuous Renal Replacement Therapy. *Nephrology (Carlton)* 2019 Dec;24(12):1233-1240 (PMID: 31487094)
150. Jung YL, Park JY, Lee C, Kim DK, Lim CS, Kim YS, Oh KH, Han SS. Effect of liver cirrhosis on the outcomes of peritoneal dialysis. *Perit Dial Int* 2019 Nov-Dec;39(6):502-508 (PMID: 31582468)
151. Kim YC, Park JY, Oh S, Cho JH, Chang JH, Choi DE, Park JT, Lee JP, Kim S, Kim DK, Ryu DR, Lim CS. Safety and efficacy of PG102P for the control of pruritus in patients undergoing hemodialysis (SNUG trial): study protocol for a randomized controlled trial. *Trials* 2019 Nov 28;20(1):651 (PMID: 31779697)
152. Ahn SY, Kim DK, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS, Lee A, Jung H, Chin HJ. Long-Term Effects of Intensive Low-Salt Diet Education on Deterioration of Glomerular Filtration Rate among Non-Diabetic Hypertensive Patients with Chronic Kidney Disease. *Kidney Blood Press Res* 2019 Oct 44(5):1101-1114 (PMID: 31533093)
153. An JN, Hyeon JS, Jung Y, Choi YW, Kim JH, Yang SH, Oh S, Lee SH, Cho JH, Park SH, Ha H, Kim DK, Lee JP, Hwang GS. Urinary myo-inositol is associated with the clinical outcome in focal segmental glomerulosclerosis. *Sci Rep* 2019 Oct 11;9(1):14707 (PMID: 31605028)
154. Kim YC, Kim KH, Lee S, Jo JW, Park JY, Park MS, Tsogbadrakh B, Lee JP, Lee JW, Kim DK, Oh KH, Jang IJ, Kim YS, Cha RH, Yang SH. ST2 blockade mitigates peritoneal fibrosis induced by TGF- β and high glucose. *J Cell Mol Med* 2019 Oct;23(10):6872-6884 (PMID: 31397957)
155. Lee JW, Bae E, Kwon SH, Yu MY, Cha RH, Lee H, Kim DK, Lee JP, Ye SK, Yoo JY, Park DJ, Kim YS, Yang SH. Transcriptional modulation of the T helper 17/interleukin 17 axis ameliorates renal ischemia-reperfusion injury. *Nephrol Dial Transplant* 2019 Sep 1;34(9):1481-1498 (PMID: 30544214)
156. Lee Y, Chung SW, Park S, Ryu H, Lee H, Kim DK, Joo KW, Ahn C, Lee J, Oh KH. Incremental Peritoneal Dialysis May be Beneficial for Preserving Residual Renal Function Compared to Full-dose Peritoneal Dialysis. *Sci Rep* 2019 Jul 12;9(1):10105 (PMID: 31300708)
157. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Cho S, Han K, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK*. Association of chronic kidney disease with incident tuberculosis. *Clin J Am Soc Nephrol* 2019 Jul;14(7):1002-1010 (PMID: 31171591)**
158. Kang E, Park M, Park PG, Park N, Jung Y, Kang U, Kang HG, Kim DK, Oh KH, Joo KW, Kim YS, Yoon HJ, Lee H. Acute kidney injury predicts all-cause mortality in patients with cancer. *Cancer Med* 2019 Jun;8(6):2740-2750 (PMID: 30968593)
159. **Lee S, Park S, Kang M, Yoo HW, Han K, Kim Y, Lee JP, Joo KW, Lim CS, Kim YS, Kim H, Kim DK*. Long-term impact of dialysis-requiring AKI during the perioperative period of liver transplantation on post-discharge outcomes. *Clin Transplant.* 2019 Jun 23:e13649 (PMID: 31230386)**
160. Lee Y, Park J, Jang MJ, Moon HR, Kim DK, Oh KH, Joo KW, Lim CS, Kim YS, Na KY, Han SS. Development of model to predict end-stage renal disease after coronary artery bypass grafting: The ACHE score. *Medicine (Baltimore)* 2019 May;98(21):e15789 (PMID: 31124973)
161. Park HW, Kim DK, Kim SH, Kim S, Chae DW, Yang MS, Oh YK, Lee JP, Jung JW, Shin J, Hwang JH, Kang MG, Kim SM, Kwon SK, Kim HY, Kim MH, Kim SJ, Ryu DR, Cho YJ, Jee YK, Kim SM, Lee EK, Kim JY, Cho HS, Jeong YY, Kim SH, Jun JB, Park JS, Kim GH, Kim S, Jung HY, Lee JM. Efficacy of the HLA-B*58:01 screening test in preventing allopurinol-induced severe cutaneous

adverse reactions in patients with chronic renal insufficiency- a prospective study. *J Allergy Clin Immunol Pract* 2019 Apr;7(4):1271-1276 (PMID: 30580048)

162. **Lee S, Park S, Kang M, Yoo HW, Han K, Kim Y, Lee JP, Joo KW, Lim CS, Kim YS, Kim H, Kim DK***. Postdischarge long-term cardiovascular outcomes of intensive care unit survivors who developed dialysis-requiring acute kidney injury after cardiac surgery. *J Crit Care* 2019 Apr;50:92-98 (PMID: 30502689)
163. Jeon J, Kim S, Yoo H, Kim K, Kim Y, Park S, Jang HR, Kim DK, Huh W, Kim YG, Kim DJ, Oh HY, Lee JE. Risk prediction for contrast-induced nephropathy in cancer patients undergoing computed tomography under preventive measures. *J Oncol*. 2019 Apr 1;2019:8736163 (PMID: 31057617)
164. An JN, Yang SH, Kim YC, Hwang JH, Park JY, Kim DK, Kim JH, Kim DW, Hur DG, Oh YK, Lim CS, Kim YS, Lee JP. Periostin Induces Kidney Fibrosis after Acute Kidney Injury via the p38 MAPK Pathway. *Am J Physiol Renal Physiol* 2019 Mar 1;316(3):F426-F437 (PMID: 30539653)
165. Yoo KD, Kim HJ, Kim Y, Park JY, Shin SJ, Han SH, Kim DK, Lim CS, Kim YS. Disaster preparedness for earthquakes in hemodialysis units in Gyeongju and Pohang, South Korea. *Kidney Res Clin Pract* 2019 Mar;38(1):1-11 (PMID: 30776874)
166. **Park S, Lee S, Kim Y, Lee Y, Kang MW, Han K, Han SS, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Kim DK***. Risk of cancer in pre-dialysis chronic kidney disease: A nationwide population-based study with a matched control group. *Kidney Res Clin Pract* 2019 Mar;38(1):1-11 (PMID: 30866180)
167. Yun D, Jang MJ, An JN, Lee JP, Kim DK, Chin HJ, Kim YS, Lee DS, Han SS. Effect of steroids and relevant cytokine analysis in acute tubulointerstitial nephritis. *BMC Nephrol* 2019 Mar 12;20(1):88 (PMID: 30866855)
168. Park S, Baek CH, Park SK, Kang HG, Hyun HS, Park E, Han SH, Ryu DR, Kim DK, Oh KH, Joo KW, Kim YS, Moon KC, Chin HJ, Lee H. Clinical Significance of Crescent Formation in IgA Nephropathy - a Multicenter Validation Study. *Kidney Blood Press Res* 2019 Feb 22;44(1):22-32. (PMID: 30808840)
169. Yoon UA, Kim YC, Lee H, Kwon S, An JN, Kim DK, Kim YS, Lim CS, Lee JP, Kim H. The impact of sunlight exposure on mortality of patients with end stage renal disease. *Sci Rep* 2019 Feb 18;9(1):2230 (PMID: 30778098)
170. Park S, Cho H, Park S, Lee S, Kim K, Yoon HJ, Park J, Choi Y, Lee S, Kim JH, Kim S, Chin HJ, Kim DK, Joo KW, Kim YS, Lee H. Simple Postoperative AKI Risk (SPARK) Classification before Noncardiac Surgery: A Prediction Index Development Study with External Validation. *J Am Soc Nephrol* 2019 Jan;30(1):170-181 (PMID: 30563915)
171. **Jo HA, Yang SH, Yang J, Lee H, Lee JP, Joo KW, Lim CS, Kim YS, Ahn C, Kim DK***. The association of tumor necrosis factor superfamily 13 with recurrence of immunoglobulin A nephropathy in living related kidney transplantation. *BMC Nephrol* 2019 Jan 31;20(1):33 (PMID: 30704417)
172. Oh HJ, An JN, Oh S, Rhee H, Lee JP, Kim DK, Ryu DR, Kim S. Volume management Under body composition monitoring in critically ill patients on CRRT: study protocol for a randomized controlled trial (VENUS trial). *Trials* 2018 Dec 12;19(1):681 (PMID: 30541593)
173. Kim AH, Yoon S, Lee Y, Lee J, Bae E, Lee H, Kim DK, Lee SH, Yu KS, Jang IJ, Cho JY. Assessment of hepatic cytochrome P450 3A activity using metabolic markers in patients with renal impairment. *J Korean Med Sci* 2018 Dec;33(53):e298 (PMID: 30595680)
174. Yoo KD, Lee H, Kim Y, Park S, Park JS, Hong JS, Jeong CW, Kim HH, Lee JP, Kim DK, Oh KH, Joo KW, Kim YS. Maternal and fetal outcomes of pregnancies in kidney donors: A 30-year comparative analysis of matched non-donors in a single center. *Kidney Res Clin Pract* 2018 Dec;37(4):356-365 (PMID: 30619691)
175. Kim SY, Lee YH, Kim YG, Moon JY, Chin HJ, Kim S, Kim DK, Kim S, Park JH, Shin SJ, Choi BS, Lim CS, Lee M, Lee SH. Estimating the urinary sodium excretion in patients with chronic kidney disease is not useful in monitoring the effects of a low-salt diet. *Kidney Res Clin Pract* 2018 Dec;37(4):373-383 (PMID: 30619693)
176. Moon H, Lee Y, Kim S, Kim DK, Chin HJ, Joo KW, Kim YS, Na KY, Han SS. Differential Signature of Obesity in the Relationship with Acute Kidney Injury and Mortality after Coronary Artery Bypass Grafting. *J Korean Med Sci* 2018 Nov;33(48):e312 (PMID: 30473653)
177. Bae E, Lee H, Kim DK, Oh KH, Kim YS, Ahn C, Han JS, Min SI, Min SK, Kim HC, Joo KW. Autologous arteriovenous fistula is associated with superior outcomes in elderly hemodialysis patients. *BMC Nephrol* 2018 Nov 6;19(1):306 (PMID: 30400882)
178. **Park S, Lee S, Kang M, Han K, Kim Y, Ahn JN, Joo KW, Lim CS, Kim YS, Yoo HW, Kim H, Kim DK***. Post-discharge major adverse cardiovascular events of intensive care unit survivors who received acute renal replacement therapy. *Crit Care Med* 2018 Nov;46(11):e1047-e1054 (PMID: 30095497)
179. Kim HJ, Kim Y, Kim S, Chin HJ, Lee H, Lee JP, Kim DK, Oh KH, Joo KW, Kim YS, Nah DY, Shin SJ, Kim KS, Park JY, Yoo KD. Age, sex, and the association of chronic kidney disease with all-cause mortality in Buddhist priests: An analysis of the standardized mortality ratio from the Korean Buddhist priests cohort. *Medicine (Baltimore)* 2018 Nov;97(45):e13099 (PMID: 30407320)
180. Park S, Lee SM, Park JS, Hong JS, Chin HJ, Na KY, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. Gestational Estimated Glomerular Filtration Rate and Adverse Maternofetal Outcomes. *Kidney Blood Press Res* 2018 Oct 31;43(5):1688-1698 (PMID: 30380553)
181. Yu MY, Yu BC, Kim YC, Min SI, Ha J, Yang J, Song EY, Kim DK, Joo KW, Ahn C, Kim YS, Lee H. Trend, not severity, of acute kidney injury affects graft outcome in deceased donor kidney transplantation. *Clin Transplant* 2018 Oct 22:e13431 (PMID: 30347464)
182. Han SS, Yu MY, Yoo KD, Lee JP, Kim DK, Kim YS, Yang SH. Loss of KLF15 accelerates chronic podocyte injury. *Int J Mol Med* 2018 Sep;42(3):1593-1602 (PMID: 29901095)
183. Yu MY, Kim DK, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS, Chin HJ. Albuminuria during treatment with angiotensin type II receptor blocker is a predictor for GFR decline among non-diabetic hypertensive CKD patients. *PLoS One* 2018 Aug 27;13(8):e0202676 (PMID: 48871)
184. Kim MH, Kim YC, Lee JP, Kim H, Kim DK, Ryu DR, Han SS, Lee J, Kim YL, Kang SW, Cho JH, Kim YS. Three-year income trends in Korean adults commencing hemodialysis: a prospective cohort. *Nephrology (Carlton)* 2018 Jul;23(7):625-632 [e-pub] (PMID: 28444811)

185. Lee JG, Jang JY, Fang T, Xuan XY, Yan JJ, Ryu JH, Jeon HJ, Koo TY, Kim DK, Oh KH, Kim TJ, Yang J. Identification of human B-1 helper T cells with a Th1-like memory phenotype and high integrin CD49d expression. *Front Immunol* 2018 Jul 16;9:1617 (PMID: 30061889)
186. **Park S, Lee S, Jo HA, Han K, Kim Y, An JN, Joo KW, Lim CS, Kim YS, Kim H, Kim DK*. Epidemiology of continuous renal replacement therapy in Korea: Results from the national health insurance service claims database from 2005 to 2016. *Kidney Res Clin Pract* 2018 Jun;37(2):119-129 (PMID: 29971207)**
187. Kang JG, Yu MY, Lee H, Kim DK, Joo KW, Kim YS, Yang SH. Blood pressure management and progression of chronic kidney disease in a canine remnant kidney model. *Gen Physiol Biophys* 2018 May;37(3):243-252 (PMID: 29589837)
188. Park JY, Kim MH, Bae EJ, Kim S, Kim DK, Joo KW, Kim YS, Lee JP, Kim YH, Lim CS. Comorbidities can predict mortality of kidney transplant recipients: Comparison with the Charlson comorbidity index. *Transplant Proc* 2018 May;50(4):1068-1073 (PMID: 29731067)
189. Oh KH, Baek SH, Joo KW, Kim DK, Kim YS, Kim S, Oh YK, Han BG, Chang JH, Chung W, Na KY. Does routine bioimpedance-guided fluid management provide additional benefit to non-anuric peritoneal dialysis patients? Results from COMPASS clinical trial. *Perit Dial Int* 2018 Mar-Apr;38(2):131-138 (PMID: 29386302)
190. Bae E, Lee SW, Park S, Kim DK, Lee H, Huh H, Chin HJ, Lee S, Ryu DR, Park JI, Kim S, Park DJ, Kang SW, Kim YS, Oh YK, Kim YC, Lim CS, Park JT, Lee JP. Treatment and clinical outcomes of elderly idiopathic membranous nephropathy: A multicenter cohort study in Korea. *Arch Gerontol Geriatr* 2018 Mar 3;76:175-18 (PMID: 29525605)
191. Ahn SY, Kim DK, Han SS, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS, Kim S, Chin HJ. Weight loss has an additive effect on the proteinuria reduction of angiotensin II receptor blockers in hypertensive patients with chronic kidney disease. *Kidney Res Clin Pract*. 2018 Mar;37(1):49-58 (PMID: 29629277)
192. Park S, Yoo KD, Park JS, Hong JS, Baek S, Park SK, Chin HJ, Na KY, Choi Y, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. Pregnancy in women with immunoglobulin A nephropathy: are obstetrical complications associated with renal prognosis? *Nephrol Dial Transplant* 2018 Mar 1;33(3):459-465 (PMID: 28460070)
193. Choi JY, Kim DK, Kim YW, Yoo TH, Lee JP, Chung HC, Cho KH, An WS, Lee DH, Jung HY, Cho JH, Kim CD, Kim YL, Park SH. The Effect of Mycophenolate Mofetil versus Cyclosporine as Combination Therapy with Low Dose Corticosteroids in High-risk Patients with Idiopathic Membranous Nephropathy: a Multicenter Randomized Trial. *J Korean Med Sci* 2018 Feb 26;33(9):e74 (PMID: 29441742)
194. **Han SS, Yang SH, Jo HA, Oh YJ, Park MK, Kim JY, Lee H, Lee JP, Lee SH, Joo KW, Lim CS, Kim YS, Kim DK*. BAFF and APRIL expressions as an autoimmune signature of membranous nephropathy. *Oncotarget* 2017 Dec 14;9(3):3292-3302 (PMID: 29423047)**
195. Hwang JH, Yang SH, Kim YC, Kim JH, An JN, Moon KC, Oh YK, Park JY, Kim DK, Kim YS, Lim CS, Lee JP. Experimental Inhibition of Periostin Attenuates Kidney Fibrosis. *Am J Nephrol*. 2017 Dec 21;46(6):501-517 (PMID: 29268247)
196. Jo HA, Park S, Kim CD, Jung HY, Cho JH, Cha RH, Kang EW, Chang TI, Kim S, Kim HJ, Chung BH, Lee JP, Park JT, Han SH, Yoo TH, Ryu DR, Moon SJ, Chang JH, Kim DK, Joo KW. Efficacy and safety of a balanced salt solution versus a 0.9% saline infusion for the prevention of contrast-induced acute kidney injury (BASIC trial): a study protocol for a randomized controlled trial. *Trials* 2017 Oct 5;18(1):461 (PMID: 28982378)
197. Lee S, Lee Y, Jang H, Moon H, Kim DK, Han SS. Heart rate is associated with mortality in patients undergoing continuous renal replacement therapy. *Kidney Res Clin Pract*. 2017 Sep;36(3):250-256 (PMID: 28904876)
198. Han SS, Kim DK, Kim S, Chin HJ, Chae DW, Na KY. C-reactive protein predicts acute kidney injury and death after coronary artery bypass grafting. *Ann Thorac Surg* 2017 Sep;104(3):804-810 (PMID: 28433221)
199. **Han SS, Ryu DR, Joo KW, Lim CS, Kim YL, Kang SW, Kim YS, Kim DK*. Risk of Stroke in Elderly Dialysis Patients. *J Korean Med Sci* 2017 Sep;32(9):1460-1467 (PMID: 28776341)**
200. Park S, An JN, Lee JP, Oh YK, Kim DK, Joo KW, Kim YS, Lim CS. Association between postoperative hyponatremia and renal prognosis in major urologic surgery. *Oncotarget*. 2017 Aug 18;8(45):79935-79947 (PMID: 29108375)
201. Yoo KD, Noh J, Lee H, Kim DK, Lim CS, Kim YH, Lee JP, Kim G, Kim YS. A machine learning approach using survival statistics predict graft survival in kidney transplant recipients: A multicenter cohort study. *Sci Rep* 2017 Aug 21;7(1):8904 (PMID: 28827646)
202. Han N, Hong SH, Kim YS, Kim DK, Kim IW, Ji E, Oh JM. Effect of additive calcium administration on FGF23 levels in patients with mild chronic kidney disease treated with calcitriol: a randomized, open-labeled clinical trial. *Ther Clin Risk Manag* 2017 Aug 14;13:999-1007 (PMID: 28860784)
203. Park S, Lee SM, Park JS, Hong JS, Chin HJ, Na KY, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. Midterm eGFR and adverse pregnancy outcomes: The clinical significance of gestational hyperfiltration. *Clin J Am Soc Nephrol* 2017 Jul 7;12(7):1048-1056 (PMID: 28611078)
204. Bae E, Seong EY, Han BG, Kim DK, Lim CS, Kang SW, Park CW, Kim CD, Shin BC, Kim SG, Chung W, Park JY, Lee JY, Kim YS. Coronary artery calcification in Korean patients with incident dialysis. *Hemodial Int* 2017 Jul;21(3):367-374 (PMID: 27709829)
205. Yoo KD, Lee JP, Lee SM, Park JY, Lee H, Kim DK, Kang SW, Yang CW, Kim YL, Lim CS, Joo KW, Kim YS. Cancer in Korean patients with end-stage renal disease: A 7-year follow-up. *PLoS One* 2017 Jul 10;12(7):e0178649 (PMID: 28692695)
206. Park S, Kang E, Park S, Kim YC, Han SS, Ha J, Kim DK, Kim S, Park SK, Han DJ, Lim CS, Kim YS, Lee JP, Kim YH. Metabolic acidosis and long-term clinical outcomes in kidney transplant recipients. *J Am Soc Nephrol* 2017 Jun;28(6):1886-1897 (PMID: 28031407)
207. **Kim DK, Yoo TH. In Reply to 'Focus Instead on Determining Lower Limit of Continuous Renal Replacement Therapy' *Am J Kidney Dis* 2017 May;69(5):706-707 (PMID: 28291618)**
208. **Yang SH, Choi JW, Huh D, Jo HA, Kim S, Lim CS, Lee JC, Kim HC, Kwon HM, Jeong CW, Kwak C, Joo KW, Kim YS, Kim DK*. Roles of fluid shear stress and retinoic acid on the differentiation of primary cultured human podocytes. *Exp Cell Res***

2017 May 1;354(1):48-56 (PMID: 28320523)

209. Bae E, Cha RH, Kim YC, An JN, Kim DK, Yoo KD, Lee SM, Kim MH, Park JT, Kang SW, Park JY, Lim CS, Kim YS, Yang SH, Lee JP. Circulating TNF receptors predict cardiovascular disease in patients with chronic kidney disease. *Medicine* 2017 May;96(19):e6666 (PMID: 28489742)
210. Park JY, Yoo KD, Kim YC, Kim DK, Joo KW, Kang SW, Yang CW, Kim NH, Kim YL, Lim CS, Kim YS, Lee JP. Early dialysis initiation does not improve clinical outcomes in elderly end-stage renal disease patients: A multicenter prospective cohort study. *PLoS One* 2017 Apr 17;12(4):e0175830 (PMID: 28414758)
211. Huh H, Lee H, Lee JP, Kim DK, Oh S, Oh YK, Kim YS, Lim CS. Factors affecting the long-term outcomes of idiopathic membranous nephropathy. *BMC Nephrol* 2017 Mar 27;18(1):104 (PMID: 28347297)
212. Kang E, Hwang SS, Kim DK, Oh KH, Joo KW, Kim YS, Lee H. Sex-specific relationship of serum uric acid with all-cause mortality in adults with normal kidney function: an observational study. *J Rheumatol*. 2017 Mar;44(3):380-387 (PMID: 28089980)
213. Lee S, Kang E, Yoo KD, Choi Y, Kim DK, Joo KW, Yang SH, Kim YL, Kang SW, Yang CW, Kim NH, Kim YS, Lee H. Lower serum potassium associated with increased mortality in dialysis patients: A nationwide prospective observational cohort study in Korea. *PLoS One* 2017 Mar 6;12(3):e0171842 (PMID: 28264031)
214. **Cho H, Kim M, Kim HJ, Park JY, Ryu DR, Lee H, Lee JP, Lim CS, Kim KH, Oh KH, Joo KW, Kim YS, Kim DK*. Development and validation of the modified Charlson comorbidity index in incident peritoneal dialysis patients: a national population-based approach. *Perit Dial Int* 2017 Jan-Feb 37(1):94-102 (PMID: 27605681)**
215. Kim HJ, Lee J, Park M, Kim Y, Lee H, Kim DK, Joo KW, Kim YS, Cho EJ, Ahn C, Oh KH. Lower education level is a risk factor for peritonitis and technique failure but not a risk for overall mortality in peritoneal dialysis under comprehensive training system. *PLoS One* 2017 Jan 5;12(1):e0169063 (PMID: 28056058)
216. Han SS, Park S, Kang SH, Cho GY, Kim DK, Kim S, Chin HJ, Chae DW, Na KY. Usefulness of preoperative echocardiography to predict acute kidney injury and long-term mortality after coronary artery bypass grafting. *Am J Cardiol*. 2017 Jan 15;119(2):231-236 (PMID: 27839773)
217. An JN, Hwang JH, Kim DK, Lee H, Ahn SY, Kim S, Park JT, Kang SW, Oh YK, Kim YS, Lim CS, Oh HJ, Lee JP. Chronic kidney disease after acute kidney injury requiring continuous renal replacement therapy and its impact on long-term outcomes: a multicenter retrospective cohort study in Korea. *Crit Care Med*. 2017 Jan;45(1):47-57 (PMID: 27565014)
218. **Jo HA, Kim JY, Yang SH, Han SS, Joo KW, Kim YS, Kim DK*. The role of local IL6/JAK2/STAT3 signaling in high glucose-induced podocyte hypertrophy. *Kidney Res Clin Pract* 2016 Dec;35(4):212-218 (PMID: 27957415)**
219. **Han SS, Yang SH, Choi M, Kim HR, Kim K, Lee S, Moon KC, Kim JY, Lee H, Lee JP, Jung JY, Kim S, Joo KW, Lim CS, Kang SW, Kim YS, Kim DK*. The role of TNF superfamily member 13 in the progression of IgA nephropathy. *J Am Soc Nephrol* 2016 Nov;27(11):3430-3439 (PMID: 27068226)**
220. Hwang JH, Lee JP, Kim CT, Yang SH, Kim JH, An JN, Moon KC, Lee H, Oh YK, Joo KW, Kim DK, Kim YS, Lim CS. Urinary Periostin Excretion Predicts Renal Outcome in IgA Nephropathy. *Am J Nephrol* 2016 Nov 1;44(6):481-492 (PMID: 27802442)
221. **Park JT, Lee H, Kee YK, Park S, Joo KW, Lim CS, Kim YS, Kang SW, Yoo TH[†], Kim DK*. High-dose versus conventional-dose continuous venovenous hemodiafiltration and patient and kidney survival and cytokine removal in sepsis-associated acute kidney injury: a randomized controlled trial. *Am J Kidney Dis* 2016 Oct;68(4):599-608 ([†]equally contributed as a corresponding author) (PMID: 27084247)**
222. Oh MD, Park WB, Choe PG, Choi SJ, Kim JI, Chae J, Park SS, Kim EC, Oh HS, Kim EJ, Nam EY, Na SH, Kim DK, Lee SM, Song KH, Bang JH, Kim ES, Kim HB, Park SW, Kim NJ. Viral load kinetics of MERS coronavirus infection. *N Eng J Med* 2016 Sep 29;375(13):1303-5 (PMID: 27682053)
223. Jung SY, Kim H, Park S, Jhee JH, Yun HR, Kim H, Kee YK, Yoon CY, Oh HJ, Chang TI, Park JT, Yoo TH, Kang SW, Lee H, Kim DK, Han SH. Electrolyte and mineral disturbances in septic acute kidney injury patients undergoing continuous renal replacement therapy. *Medicine (Baltimore)*. 2016 Sep;95(36):e4542 (PMID: 27603344)
224. Lee H, Lee JW, Yoo KD, Yoo JY, Lee JP, Kim DK, Chin HJ, Kim YS, Yang SH. Cln three-requiring 9 is a negative regulator of Th17 pathway-driven inflammation in anti-glomerular basement membrane glomerulonephritis. *Am J Physiol Renal Physiol* 2016 Sep 1;311(3):F505-19 (PMID: 27306982)
225. Yoo KD, Kim CT, Kim MH, Noh J, Kim G, Kim H, An JN, Park JY, Cho H, Kim KH, Kim H, Ryu DR, Kim DK, Lim CS, Kim YS, Lee JP. Superior outcomes of kidney transplantation compared with dialysis: An optimal matched analysis of a national population-based cohort study between 2005 and 2008 in Korea. *Medicine* 2016 Aug;95(33):e4352 (PMID: 27537562)
226. Park JY, An JN, Jhee JH, Kim DK, Oh HJ, Kim S, Joo KW, Oh YK, Lim CS, Kang SW, Kim YS, Park JT, Lee JP. Early initiation of continuous renal replacement therapy improves survival of elderly patients with acute kidney injury: a multicenter prospective cohort study. *Crit Care*. 2016 Aug 16;20(1):260. (PMID: 27526933)
227. Jung ES, Lee J, Heo NJ, Kim S, Kim DK, Joo KW, Han JS. Low-dose paclitaxel ameliorates renal fibrosis by suppressing transforming growth factor- β 1-induced plasminogen activator inhibitor-1 signaling. *Nephrology (Carlton)* 2016 Jul;21(7):574-82 (PMID: 26869361)
228. Kim HJ, Lee H, Kim DK, Oh KH, Kim YS, Ahn C, Han JS, Min SK, Min SI, Kim HC, Joo KW. Recurrent vascular access dysfunction as a novel marker of cardiovascular outcome and mortality in hemodialysis patients. *Am J Nephrol* 2016 Jul 12;44(1):71-80 (PMID: 27398601)
229. Lee JE, Lee YH, Kim SY, Kim YG, Moon JY, Jeong KH, Lee TW, Ihm CG, Kim S, Kim KH, Kim DK, Kim YS, Kim CD, Park CW, Lee DY, Lee SH. Systematic biomarker discovery and coordinative validation for different primary nephrotic syndromes using gas chromatography-mass spectrometry. *J Chromatogr A* 2016 Jul 1;1453:105-15 (PMID: 27247212)
230. Bae EJ, Cho H, Shin N, Kim SM, Yang SH, Kim DK, Kim YL, Kang SW, Yang CW, Kim NH, Kim YS, Lee HJ. Lower serum uric acid level predicts mortality in dialysis patients. *Medicine* 2016 Jun;95(24):e3701 (PMID: 27310949)

231. **Park S, Kim M, Kang E, Park S, Jo HA, Lee H, Kim SM, Lee JP, Oh KH, Joo KW, Kim YS, Kim DK***. Contrast-induced nephropathy after computed tomography in stable CKD patients with proper prophylaxis: 8-year experience of outpatient prophylaxis program. *Medicine* 2016 May;95(18):e3560 (PMID: 27149474)
232. **Kim DK, Lee JC, Lee H, Joo KW, Oh KH, Kim YS, Yoon HJ, Kim HC**. Calculation of the clearance requirements for the development of a hemodialysis-based wearable artificial kidney. *Hemodial Int* 2016 Apr;20(2):226-34 (PMID: 26245302)
233. Han SS, Bae EJ, Song SH, Kim DK, Kim YS, Han JS, Joo KW. NT-proBNP is predictive of the weaning from continuous renal replacement therapy. *Tohoku J Exp Med* 2016 Apr 239(1):1-8 (PMID: 27109635)
234. Han SS, Yang SH, Kim M, Cho JY, Min SI, Lee JP, Kim DK, Ha J, Kim YS. Monitoring the intracellular tacrolimus concentration in kidney transplant recipients with stable graft function. *PLoS One* 2016 Apr 15;11(4):e0153491 (PMID: 27082871)
235. Cha RH, Yang SH, Moon KC, Joh JS, Lee JY, Shin HS, Kim DK, Kim YS. A case report of a Middle East respiratory syndrome survivor with kidney biopsy results. *J Korean Med Sci* 2016 Apr;31(4):635-40 (PMID: 27051251)
236. Chang TI, Ryu DR, Yoo TH, Kim HJ, Kang EW, Kim H, Chang JH, Kim DK, Moon SJ, Yoon SY, Han SH, Yonsei Associate Network CHronic Kidney Disease Trial (YACHT) investigators. Effect of icodextrin solution on preservation of residual renal function in peritoneal dialysis patients: a randomized controlled study. *Medicine* 2016 Mar;95(13):e2991 (PMID: 27043667)
237. Yoon D, Schuemie MJ, Kim JH, Kim DK, Park MY, Ahn EK, Jung EY, Park DK, Cho SY, Shin D, Hwang Y, Park RW. A normalization method for combination of laboratory test results from different electronic healthcare databases in a distributed research network. *Pharmacoepidemiol Drug Saf* 2016 Mar;25(3):307-16 (PMID: 26527579)
238. Lee H, Yoo KD, Oh YK, Kim DK, Joo KW, Kim YS, Ahn C, Han JS, Lim CS. Predictors of relapse in adult-onset nephrotic minimal change disease. *Medicine* 2016 Mar;95(12):e3179 (PMID: 27015208)
239. Kim HJ, Park M, Park HC, Jeong JC, Kim DK, Joo KW, Hwang YH, Yang J, Ahn C, Oh KH. Baseline FGF23 is associated with cardiovascular outcome in incident PD patients. *Perit Dial Int* 2016 1-2;36(1):26-32 (PMID: 25185018)
240. Han SS, Bae E, Kim DK, Kim YS, Han JS and Joo KW. Dysnatremia, its correction, and mortality in patients undergoing continuous renal replacement therapy: a prospective observational study. *BMC Nephrol*. 2016 Jan 5;17(1):2 (PMID: 26732402)
241. **Nam BY***, **Kim DK***, **Park JT***, **Kang HY, Paeng J, Kim S, Park J, Um JE, Oh HJ, Han SH, Yoo TH, Kang SW**. Double transduction of a Cre/LoxP lentiviral vector: A simple method to generate cell-specific knockdown mice. *Am J Physiol Renal Physiol* 2015 Dec 15;309(12):F1060-9 (PMID: 26377795) (*equally contributed as a primary author)
242. Noh J, Punithan D, Lee H, Lee JP, Kim YS, Kim DK, McKay RI. Machine learning models and statistical measures for predicting the progression of IgA nephropathy. *IEEE Trans Nucl Sci* 2015 25(5):829-49
243. Oh SW, Han SY, Han KH, Cha RH, Kim S, Yoon SA, Ryu DR, Oh J, Lee EY, Kim DK, Kim YS. Morning hypertension and night non-dipping in patients with diabetes and chronic kidney disease. *Hypertens Res*. 2015 Dec;38(12):889-94 (PMID: 26311166)
244. Chin HJ, Kim DK, Park JH, Shin SJ, Lee SH, Choi BS, Kim S, Lim CS. Effect of urine urea nitrogen and protein intake adjusted by using the estimated urine creatinine excretion rate on the antiproteinuric effect of angiotensin II type I receptor blockers. *Nutrition* 2015 Nov-Dec;31(11-12):1333-8 (PMID: 26304595)
245. Jeong JC, Kim JE, Gu JY, Yoo HJ, Ryu JW, Kim DK, Joo KW, Kim HK. Significance of the DNA-histone complex level as a predictor of major adverse cardiovascular events in hemodialysis patients: the effect of uremic toxin on DNA-histone complex formation. *Blood Purif*. 2015 Oct 31;41(1-3):64-71. (PMID: 26517236)
246. Jung JW, Kim DK, Park HW, Oh KH, Joo KW, Kim YS, Ahn C, Lee KW, Cho SH, Min KU, Kang HR. An effective strategy to prevent allopurinol-induced hypersensitivity by HLA typing. *Genet Med* 2015 Oct;17(10):807-14 (PMID: 25634024)
247. Ryu J, Cha RH, Kim DK, Lee JH, Yoon SA, Ryu DR, Oh J, Kim S, Han SY, Lee EY, Kim YS. Time points for obtaining representative values of 24-hour blood pressure in chronic kidney disease. *Korean J Intern Med* 2015 Sep;30(5):665-74 (PMID: 26354061)
248. **Han SS, Bae E, Ahn SY, Kim S, Park JH, Shin SJ, Lee SH, Choi BS, Chin HJ, Kim S, Lim CS, Kim DK***. Urinary adiponectin and albuminuria in non-diabetic hypertensive patients: an analysis of the ESPECIAL trial. *BMC Nephrol*. 2015 Aug 1;16(1):123. (PMID: 26232133)
249. Park JI, Bae E, Kim YL, Kang SW, Yang CW, Kim NH, Lee JP, Kim DK, Joo KW, Kim YS, Lee H. Glycemic control and mortality in diabetic patients undergoing dialysis focusing on the effects of age and dialysis Type: A Prospective Cohort Study in Korea. *PLoS One* 2015 Aug 18;10(8):e0136085 (PMID: 26285034)
250. An JN, Yoo KD, Hwang JH, Kim HL, Kim SH, Yang SH, Kim JH, Kim DK, Oh YK, Kim YS, Lim CS, Lee JP. Circulating tumor necrosis factor receptors 1 and 2 predict contrast-induced nephropathy and progressive renal dysfunction: a prospective cohort study. *Nephrology (Carlton)* 2015 Aug;20(8):552-9 (PMID: 25783484)
251. Han SS, Kim DK, Oh KH, Kim YS. Steroid use and infectious complication in peritoneal dialysis after kidney transplant failure. *Transplantation*. 2015 Jul;99(7):1514-20 (PMID: 25643143)
252. Oh YJ, An JN, Kim CT, Yang SH, Lee H, Kim DK, Joo KW, Paik JH, Kang SW, Park JT, Lim CS, Kim YS, Lee JP. Circulating tumor necrosis factor α receptors predict the outcomes of human IgA nephropathy: a prospective cohort study. *PLoS One* 2015 Jul 15;10(7):e0132826 (PMID: 26177311)
253. Kim H, An JN, Kim DK, Kim M, Kim H, Kim YL, Park KS, Oh YK, Lim CS, Kim YS, Lee JP, CRC for ESRD Investigators. Elderly peritoneal dialysis compared with elderly hemodialysis patients and younger peritoneal dialysis patients: competing risk analysis of a Korean prospective cohort study. *PLoS One* 2015 Jun 29;10(6):e0131393 (PMID: 26121574)
254. **Han SS, Park JY, Kang S, Kim KH, Ryu DR, Kim H, Joo KW, Lim CS, Kim YS, Kim DK***. Dialysis modality and mortality in the elderly: A meta-analysis. *Clin J Am Soc Nephrol* 2015 Jun 5;10(6):983-93. (PMID: 25941194)
255. An JN, Hwang JH, Lee JP, Chin HJ, Kim S, Kim DK, Kim S, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS. The decrement of hemoglobin concentration with angiotensin II receptor blocker treatment is correlated with the reduction of albuminuria in non-diabetic

hypertensive patients: post-hoc analysis of ESPECIAL trial. *PLoS One*. 2015 Jun 22;10(6):e0128632 (PMID: 26098847)

256. **Park JY, Kim M, Han SS, Cho H, Kim H, Ryu DR, Kim HW, Lee H, Lee JP, Lim CS, Kim KH, Joo KW, Kim YS, Kim DK***. **Clinical Research Center for End Stage Renal Disease (CRC for ESRD) Investigators. Recalibration and validation of the Charlson comorbidity index in Korean incident hemodialysis patients. *PLoS One* 2015 May 18;10(5):e0127240 (PMID: 25984790)**
257. Park JY, Gwak GY, Kim JM, Oh HJ, Yi NJ, Suh KS, Kim DK, Lim CS, Kim YS, Lee JP. Renal outcomes after liver transplantation in fulminant hepatitis A with acute kidney injury: comparison with hepatorenal syndrome. *Transplantation Proc* 2015 Apr;47(3):709-17 (PMID: 25891716)
258. **Kim DK, Joo KW. Definition and evaluation of acute kidney injury: clinical practice guidelines. *Korean J Med* 2015 Apr 88(4): 357-362**
259. Han SS, Shin N, Baek SH, Ahn SY, Kim DK, Kim S, Chin HJ, Chae DW, Na KY. Effects of acute kidney injury and chronic kidney disease on long-term mortality after coronary artery bypass grafting. *Am Heart J*. 2015 Mar;169(3):419-25 (PMID: 25728733)
260. Park JI, Kim M, Kim H, An JN, Lee JH, Cho JH, Kim YL, Park KS, Oh YK, Lim CS, Kim DK, Kim YS, Lee JP. Not early referral but planned dialysis improves quality of life and depression in newly diagnosed end stage renal disease patients: a prospective cohort study in Korea. *PLoS One* 2015 Feb 23;10(2):e0117582 (PMID: 25706954)
261. Baek SH, Kim S, Kim DK, Park JH, Shin SJ, Lee SH, Choi BS, Chin HJ, Kim S, Lim CS. A low salt diet increases the estimated net endogenous acid production in non-diabetic CKD patients treated with angiotensin receptor blockade. *Nephron Clin Pract* 2014 Dec 128(3-4):407-13 (PMID: 25531146)
262. Hwang JH, Chin HJ, Kim S, Kim DK, Kim S, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS. Effects of intensive low-salt diet education on albuminuria among nondiabetic patients with hypertension treated with olmesartan: a single-blinded randomized, controlled trial. *Clin J Am Soc Nephrol* 2014 Dec 5;9(12):2059-69 (PMID: 25332317)
263. Baek SH, Oh KH, Kim S, Kim DK, Joo KW, Oh YK, Han BG, Chang JH, Chung W, Kim YS, Na KY. Control of fluid balance guided by body composition monitoring in patients on peritoneal dialysis (COMPASS): study protocol for a randomized controlled trial. *Trials* 2014 Nov 6;15(1):432. (PMID: 25376940)
264. Ahn SY, Kim S, Kim DK, Park JH, Shin SJ, Lee SH, Choi BS, Lim CS, Kim S, Chin HJ. Urinary sodium excretion has positive correlation with activation of urinary Renin Angiotensin system and reactive oxygen species in hypertensive chronic kidney disease. *J Korean Med Sci*. 2014 Sep;29 Suppl 2:S123-30. (PMID: 25317016)
265. Lee SW, Kim M, Kim H, Han SS, Lee H, Lee JP, Kim DK, Lim CS, Kim YS, Park AK, Joo KW. Obesity modifies the association between serum 25-hydroxyvitamin D and insulin resistance in Korean general population without increased fasting glucose levels. *Tohoku J Exp Med* 2014 Sep;234(2):89-97. (PMID: 25186304)
266. Lee S, Yi YJ, Jo HA, Huh H, Kim KH, Kim DK, Lee H. Remission of secondary membranous nephropathy in a patient with Kimura disease after surgical resection. *Kidney Res Clin Pract* 2014 Sep;33(3):157-60. (PMID: 26877967)
267. Lee SM, Yang SH, Cha RH, Kim M, An JN, Paik JH, Kim DK, Kang SW, Lim CS, Kim YS, Lee JP. Circulating TNF receptors are significant prognostic biomarkers for idiopathic membranous nephropathy. *PLoS One* 2014 Aug 6;9(8):e104354. (PMID: 25098821)
268. Lee J, Cho JH, Chung BH, Park JT, Lee JP, Chang JH, Kim DK, Kim S. Classical indications are useful for initiating continuous renal replacement therapy in critically ill patients. *Tohoku J Exp Med* 2014 Jul;233(4):233-41. (PMID: 25070275)
269. Ryu J, Cha RH, Kim DK, Lee JH, Yoon SA, Ryu DR, Oh JE, Kim S, Han SY, Lee EY, Kim YS. The clinical association of the blood pressure variability with the target organ damage in hypertensive patients with chronic kidney disease. *J Korean Med Sci* 2014 Jul;29(7):957-64. (PMID: 25045228)
270. **Oh YJ, Park RW, Yoon D, Kim M, Han SS, Lee H, Jang HR, Kim H, Heo NJ, Park SK, Joo KW, Lim CS, Kim YS, Kim DK***. **Non-linear association of serum 25-hydroxyvitamin D with urinary albumin excretion rate in normoalbuminuric subjects. *BMC Nephrol* 2014 Jun 24;15:97 (PMID: 24957097)**
271. Lee H, Hwang JH, Paik JH, Ryu HJ, Kim DK, Chin HJ, Oh YK, Joo KW, Lim CS, Kim YS, Lee JP. Long-term prognosis of clinically early IgA nephropathy is not always favorable. *BMC Nephrol* 2014 Jun 19;15(1):94 (PMID: 24946688)
272. Park YS, Min SI, Kim DK, Oh KH, Min SK, Kim SM, Ha J. The outcomes of percutaneous versus open placement of peritoneal dialysis catheters. *World J Surg* 2014 May;38(5):1058-64 (PMID: 24305922)
273. **Kim DK, Lee JW, Shin KH, Kim S, Oh KH, Kim M, Yu KS, Lee JP, Lim CS, Kim YS, Joo KW. Dose selection method for pharmacokinetic study in hemodialysis patients using a subpharmacological dose: oseltamivir as a model drug. *BMC Nephrol* 2014 Mar 17;15(1):46 (PMID: 24636040)**
274. **Han SS, Kim M, Lee SM, Lee JP, Kim S, Joo KW, Lim CS, Kim YS, Kim DK***. **Association between body fat and vitamin D status in Korean adults. *Asia Pac J Clin Nutr* 2014 Mar;23(1):65-75 (PMID: 24561974)**
275. Cha RH, Kim S, Yoon SA, Rhu DR, Oh JE, Han SY, Lee EY, Kim DK, Kim YS, on behalf of the APrODiTe investigators. Association between blood pressure and target organ damage in patients with chronic kidney disease and hypertension: Results of APrODiTe study. *Hypertens Res* 2014 Feb;37(2):172-8 (PMID: 24048482)
276. Baek SH, Kim H, Lee J, Kim DK, Oh KH, Kim YS, Han JS, Kim TM, Lee SH, Joo KW. Renal adverse effects of sunitinib and its clinical significance: a single-center experience in Korea. *Korean J Intern Med* 2014 Jan;29(1):40-8 (PMID: 24574832)
277. Kim SM, Choi HJ, Lee JP, Kim DK, Oh YK, Kim YS, Lim CS. Prevalence of vitamin D deficiency and effects of supplementation with cholecalciferol in patients with chronic kidney disease. *J Ren Nutr* 2014 Jan;24(1):20-25 (PMID: 24216258)
278. Han SS, Shin N, Lee SM, Lee H, Kim DK, Kim YS. Correlation between periodontitis and chronic kidney disease in Korean adults. *Kidney Res Clin Pract* 2013 Dec;32(4):164-70 (PMID: 26877936)
279. Na KY, Kim DK, Kim SG, Lee YK, Lim CS. Effect of beraprost sodium on arterial stiffness in patients with type 2 diabetic nephropathy. *Trials* 2013 Aug;28;14(1):275 (PMID: 24066672)

280. Han SS, Kim M, Kim H, Lee SM, Oh YJ, Lee JP, Kim S, Joo KW, Lim CS, Kim YS, **Kim DK***. Non-linear relationship between serum 25-hydroxyvitamin D and hemoglobin in Korean females: The Korean national health and nutrition examination survey 2010-2011. *PLoS One* 2013 Aug;28;8(8):e72605 (PMID: 24015265)
281. Han SS, Lee H, Oh YJ, Lee JP, Kim S, Ha J, Kim SJ, Park MH, Kim YS, **Kim DK***. Identification of the effects of aging related gene-matrix metalloproteinase on allograft outcomes in kidney transplantation. *Transplantation Proc* 2013 Jul;45(6):2158-64 (PMID: 23953525)
282. Han SS, Kim M, Lee SM, Lee JP, Kim S, Joo KW, Lim CS, Kim YS, **Kim DK***. Cadmium exposure induces hematuria in Korean adults. *Environ Res* 2013 Jul;124:23-7 (PMID: 23642677)
283. Kim H, Park HC, Lee S, Lee J, Cho C, Kim DK, Hwang YH, Oh KH, Ahn C. Successfully treated Escherichia coli-induced emphysematous cyst infection with combination of intravenous antibiotics and intracystic antibiotics irrigation in a patient with autosomal dominant polycystic kidney disease. *J Korean Med Sci* 2013 Jun;28(6):955-8 (PMID: 23772165)
284. Han SS, Kim S, Ahn SY, Lee J, Kim DK, Chin HJ, Chae DW, Na KY. Duration of acute kidney injury and mortality in critically ill patients: a retrospective observational study. *BMC Nephrol* 2013 Jun 27;14(1):133 (PMID: 23802916)
285. Jung ES, Lee J, Lee JW, Yoon HJ, Kim DK, Oh KH, Kim YS, Han JS, Joo KW. Increasing the dialysate sodium concentration based on serum sodium concentrations exacerbates weight gain and thirst in hemodialysis patients. *Tohoku J Exp Med* 2013 Jun;230(2):117-21 (PMID: 23782720)
286. Oh YJ, Yang SH, Kim DK, Kang SW, Kim YS. Autoantibodies against phospholipase A2 receptor in Korean patients with membranous nephropathy. *PLoS One* 2013 Apr;26;8(4):e62151 (PMID: 23637987)
287. Lee J, Kim DK, Lee JW, Oh KW, Oh YK, Na KY, Kim YS, Han JS, Joo KW. Rapid correction rate of hyponatremia as an independent risk factor for neurological complication following liver transplantation. *Tohoku J Exp Med* 2013 Feb;229:97-105 (PMID: 23303272)
288. Lee H, Kim DK, Oh KH, Joo KW, Kim YS, Chae DW, Kim S, Chin HJ. Mortality and renal outcome of primary glomerulonephritis in Korea: observation in 1,943 biopsied cases. *Am J Nephrol* 2013 Jan;22;37(1):74-83 (PMID: 23343855)
289. Lee SH, Kang HY, Kim KS, Nam BY, Paeng J, Kim S, Li JJ, Park JT, Kim DK, Han SH, Yoo TH, Kang SW. The monocyte chemoattractant protein-1 (MCP-1)/CCR2 system is involved in peritoneal dialysis-related epithelial-mesenchymal transition of peritoneal mesothelial cells. *Lab Invest* 2012 Dec;92(12):1698-711 (PMID: 23007133)
290. Lee H, Kim DK, Oh KH, Joo KW, Kim YS, Chae DW, Kim S, Chin HJ. Mortality of IgA nephropathy patients: a single center experience over 30 years. *PLoS One* 2012 Dec;7(12) e51225 (PMID: 23226568)
291. Kim S, Sung J, Kang WC, Ahn SY, Kim DK, Chin HJ, Na KY, Joo KW, Chae DW, Han JS. Increased plasma osmolar gap is predictive of contrast-induced acute kidney injury. *Tohoku J Exp Med* 2012 Oct;228(2):109-17 (PMID: 22976551)
292. Kim S, Sung J, Jung ES, Park HC, Lee H, Chin HJ, Kim DK, Kim YS, Han JS, Joo KW. Hemodynamic and biochemical benefits of the objective measurement of fluid status in hemodialysis patients. *Tohoku J Exp Med* 2012 Oct;228(2):125-33 (PMID: 22990525)
293. Chang JH, Rim MY, Sung J, Ko KP, Kim DK, Jung JY, Lee HH, Chung W, Kim S. Early start of dialysis has no survival benefit in end-stage renal disease patients. *J Korean Med Sci* 2012 Oct;27(10):1177-81 (PMID: 23091314)
294. **Oh YJ, Kim M, Lee H, Lee JP, Kim H, Kim S, Oh KH, Joo KW, Lim CS, Kim S, Kim YS, Kim DK***. A threshold value of estimated glomerular filtration rate that predicts changes in serum 25-hydroxyvitamin D levels: 4th Korean National Health and Nutritional Examination Survey 2008. *Nephrol Dial Transplant* 2012 Jun;27(6):2396-403 (PMID: 22262736)
295. Lee JP, Yang SH, Lee HY, Kim B, Cho JY, Paik JH, Oh YJ, Kim DK, Lim CS, Kim YS. Soluble epoxide hydrolase activity determines the severity of ischemia-reperfusion injury in kidney. *PLoS One* 2012 May;7(5):e37075 (PMID: 22590647)
296. Chung W, Jung ES, Shin D, Choi SH, Jung JY, Chang JH, Lee HH, Kim DK, Kim S. Low resistin levels is associated with poor hospitalization-free survival in hemodialysis patients. *J Korean Med Sci* 2012 Apr;27(4):377-81 (PMID: 22468100)
297. **Kim DK, Nam BY***, Li JJ, Park JT, Lee SH, Kim DH, Kim JY, Kang HY, Han SH, Yoo TH, Han DS, Kang SW. Translationally controlled tumor protein is associated with podocyte hypertrophy in a mouse model of type 1 diabetes. *Diabetologia* 2012 Apr;55(4):1205-17 (PMID: 22311416) (*equally contributed as a primary author)
298. Lee H, Oh YJ, Kim M, Kim H, Lee JP, Kim S, Oh KH, Chin HJ, Joo KW, Lim CS, Kim S, Kim YS, **Kim DK***. The association of moderate renal dysfunction with impaired preference-based health-related quality of life: 3rd Korean National Health and Nutritional Examination Survey. *BMC Nephrol* 2012 Apr;24;13(1):19 (PMID: 22530944)
299. **Jeon HJ, Kim YS, Lee SM, Ahn C, Ha J, Kim SJ, Kim DK***. The effect of recurrent glomerulonephritis and acute rejection in HLA zero-mismatch kidney transplantation. *Transplantation Proc* 2012 Apr;44(3):600-6 (PMID: 22483448)
300. Oh KH, Hwang YH, Cho JH, Kim M, Ju KD, Joo KW, Kim DK, Kim YS, Ahn C, Oh YK. Outcome of early initiation of peritoneal dialysis in patients with end-stage renal failure. *J Korean Med Sci* 2012 Feb;27:170-6 (PMID: 22323864)
301. Nam BY, Paeng J, Kim SH, Lee SH, Kim do H, Kang HY, Li JJ, Kwak SJ, Park JT, Yoo TH, Han SH, Kim DK, Kang SW. The MCP-1/CCR2 axis in podocytes is involved in apoptosis induced by diabetic conditions. *Apoptosis* 2012 Jan;17(1):1-13 (PMID: 22006533)
302. Park HC, Lee H, Lee JP, Kim DK, Oh KH, Joo KW, Lim CS, Kim YS, Ahn C, Oh YK. Lower residual renal function is a risk factor for depression and impaired health-related quality of life in Korean peritoneal dialysis patients. *J Korean Med Sci* 2012 Jan;27:64-71 (PMID: 22219616)
303. Koo HS, Kim YC, Lee SW, Kim DK, Oh KH, Joo KW, Kim YS, Ahn C, Han JS, Kim S, Chin HJ. The effects of cyclophosphamide and mycophenolate on end stage renal disease and death of lupus nephritis. *Lupus* 2011 Nov;20(13):1442-9 (PMID: 21951944)
304. Cha RH, Kim YC, Oh YJ, Lee JH, Seong EY, Kim DK, Kim S, Kim YS. Long-term outcomes of kidney allografts obtained by transplant tourism: observations from a single center in Korea. *Nephrology (Carlton)*. 2011 Sep;16(7):672-9 (PMID: 21609364)
305. Yang SH, Lee JP, Jang HR, Cha RH, Han SS, Jeon US, Kim DK, Song J, Lee DS, Kim YS. Sulfatide-reactive natural killer T cells abrogate ischemia-reperfusion injury. *J Am Soc Nephrol*. 2011 Jul;22(7):1305-14 (PMID: 21617126)

306. Lee JP, Yang SH, Kim DK, Lee H, Kim B, Cho JY, Yu KS, Paik JH, Kim M, Lim CS, Kim YS. In-vivo activity of epoxide hydrolase according to sequence variation affects the progression of human IgA nephropathy. *Am J Physiol Renal Physiol* 2011 Jun;300(6):F1283-90 (PMID: 21429967)
307. Lee JP, Kim DK, Oh DY, Paik JH, Moon KC, Kim S, Kim YS. Successfully treated multicentric Castleman's disease with renal thrombotic microangiopathy using Rituximab and corticosteroid. *Clin Nephrol* 2011 Feb;75(2):165-70 (PMID: 21255547)
308. Jung JY, Hwang YH, Lee SW, Lee H, Kim DK, Kim S, Oh YG, Yang J, Joo KW, Ahn C, Oh KH. Factors associated with aortic stiffness and its change over time in peritoneal dialysis patients. *Nephrol Dial Transplant*. 2010 Dec;25(12):4041-8 (PMID: 20501463)
309. Park SY, Chang JH, Kim HW, Kim DK, Kim EY, Park JT, Chang TI, Park JW, Jeong HJ, Han DS, Kang SW. A case of nephrotic syndrome in a patient with Churg-Strauss syndrome. *Rheumatol Int* 2010 Aug;30(10):1385-8 (PMID: 19697037)
310. Kim SM, Cha RH, Lee JP, Kim DK, Oh KH, Joo KW, Lim CS, Kim S, Kim YS. Incidence and outcomes of contrast-induced nephropathy after computed tomography in patients with CKD: a quality improvement. *Am J Kidney Dis* 2010 Jun;55(6):1018-25 (PMID: 20097462)
311. Oh KH, Jung JY, Yoon MO, Song A, Lee H, Ro H, Hwang YH, Kim DK, Margetts P, Ahn C. Intra-peritoneal interleukin-6 system is a potent determinant of the baseline peritoneal solute transport in incident peritoneal dialysis patients. *Nephrol Dial Transplant* 2010 May;25(5):1639-46 (PMID: 20061317)
312. Park JT, Chang TI, Kim DK, Lee JE, Choi HY, Kim HW, Chang JH, Park SY, Kim E, Yoo TH, Han DS, Kang SW. Metabolic syndrome predicts mortality in non-diabetic patients on continuous ambulatory peritoneal dialysis. *Nephrol Dial Transplant* 2010 Feb;25(2):599-604 (PMID: 19783598)
313. **Chang JH*, Kim DK*, Park JT, Kang EW, Yoo TH, Kim BS, Choi KH, Lee HY, Han DS, Shin SK. Influence of ketoanalog supplementation on the progression in chronic kidney disease patients who had training on low-protein diet. *Nephrology (Carlton)* 2009 Dec;14(8):750-7 (PMID: 20025684) (*equally contributed as a primary author)**
314. **Kim DK, Joo KW. Hyponatremia in patients with neurologic disorders. *Electrolyte Blood Press.* 2009 Dec;7(2):51-57 (PMID: 21468186)**
315. Lee SH, Yoo TH, Nam BY, Kim DK, Li JJ, Jung DS, Kwak SJ, Ryu DR, Han SH, Lee JE, Moon SJ, Han DS, Kang SW. Activation of local aldosterone system within podocytes is involved in apoptosis under diabetic conditions. *Am J Physiol Renal Physiol* 2009 Nov;297(5):F1381-90 (PMID: 19710242)
316. Lee SC, Han SH, Li JJ, Lee SH, Jung DS, Kwak SJ, Kim SH, Kim DK, Yoo TH, Kim JH, Chang SH, Han DS, Kang SW. Induction of heme oxygenase-1 protects against podocyte apoptosis under diabetic conditions. *Kidney Int* 2009 Oct;76(8):838-48 (PMID: 19657327)
317. **Park JT*, Kim DK*, Chang TI, Kim HW, Chang JH, Park SY, Kim E, Kang SW, Han DS, Yoo TH. Uric acid is associated with the rate of residual renal function decline in peritoneal dialysis patients. *Nephrol Dial Transplant* 2009 Nov;24(11):3520-5 (PMID: 19491381) (*equally contributed as a primary author)**
318. Park JT, Chang TI, Kim DK, Choi HY, Lee JE, Kim HW, Chang JH, Park SY, Kim E, Yoo TH, Han DS, Kang SW. Association of white blood cell count with metabolic syndrome in patients undergoing peritoneal dialysis. *Metabolism* 2009 Oct;58(10):1379-85 (PMID: 19501862)
319. Han SH, Choi HY, Kim DK, Moon SJ, Lee JE, Yoo TH, Kim BS, Kang SW, Choi KH, Lee HY, Han DS. Elevated cardiac troponin t predicts cardiovascular events in asymptomatic continuous ambulatory peritoneal dialysis patients without a history of cardiovascular disease. *Am J Nephrol* 2009;29:129-135 (PMID: 18719346)
320. **Moon SJ*, Kim DK*, Chang JH, Kim CH, Kim HW, Park SY, Han SH, Lee JE, Yoo TH, Han DS, Kang SW. The impact of dialysis modality on skin hyperpigmentation in haemodialysis patients. *Nephrol Dial Transplant* 2009 Sep;24(9):2803-9 (PMID: 19342419) (*equally contributed as a primary author)**
321. **Chang JH*, Kim DK*, Kim HW, Park SY, Yoo TH, Kim BS, Kang SW, Choi KH, Han DS, Jeong HJ, Lee HY. Changing prevalence of glomerular diseases in Korean adults: A review of 20 years of experience. *Nephrol Dial Transplant* 2009 Aug;24(8):2406-10 (PMID: 19264742) (*equally contributed as a primary author)**
322. **Li JJ*, Lee SH*, Kim DK*, Jin R, Jung DS, Kwak SJ, Kim SH, Han SH, Lee JE, Moon SJ, Ryu DR, Yoo TH, Han DS, Kang SW. Colchicine attenuates inflammatory cell infiltration and extracellular matrix accumulation in diabetic nephropathy. *Am J Physiol Renal Physiol* 2009 Jul;297(1):F200-9 (PMID: 19369290) (*equally contributed as a primary author)**
323. Park J, Ryu DR, Li JJ, Jung DS, Kwak SJ, Lee SH, Yoo TH, Han SH, Lee JE, Kim DK, Moon SJ, Kim K, Han DS, Kang SW. MCP-1/CCR2 system is involved in high glucose-induced fibronectin and type iv collagen expression in cultured mesangial cells. *Am J Physiol Renal Physiol* 2008 Sep;295(3):F749-57 (PMID: 18579703)
324. Jung DS, Li JJ, Kwak SJ, Lee SH, Park J, Song YS, Yoo TH, Han SH, Lee JE, Kim DK, Moon SJ, Kim YS, Han DS, Kang SW. FR167653 inhibits fibronectin expression and apoptosis in diabetic glomeruli and in high-glucose-stimulated mesangial cells. *Am J Physiol Renal Physiol* 2008 Aug;295(2):F595-604 (PMID: 18524857)
325. Moon SJ, Han SH, Kim DK, Lee JE, Kim BS, Kang SW, Choi KH, Lee HY, Han DS. Risk factors for adverse outcomes after peritonitis-related technique failure. *Perit Dial Int* 2008 Jul-Aug;28(4):352-60 (PMID: 18556377)
326. Han SH, Yang S, Jung DS, Li JJ, Kim JJ, Kwak SJ, Kim DK, Moon SJ, Lee JE, Han DS, Kang SW. Gene expression patterns in glucose-stimulated podocytes. *Biochem Biophys Res Commun* 2008 Jun 6;370(3):514-8 (PMID: 18395008)
327. Han SH, Lee JE, Kim DK, Moon SJ, Kim HW, Chang JH, Kim BS, Kang SW, Choi KH, Lee HY, Han DS. Long-term clinical outcomes of peritoneal dialysis patients: Single center experience from Korea. *Perit Dial Int* 2008 Jun;28 Suppl 3:S21-6 (PMID: 18552258)
328. Choi HY, Kim DK, Lee TH, Moon SJ, Han SH, Lee JE, Kim BS, Park HC, Choi KH, Ha SK, Han DS, Lee HY. The clinical usefulness of peritoneal dialysis fluids with neutral pH and low glucose degradation product concentration: an open randomized prospective trial. *Perit Dial Int* 2008 Mar-Apr;28(2):174-82 (PMID: 18332454)

329. **Kim DK, Kim HJ, Han SH, Lee JE, Moon SJ, Kim BS, Kang SW, Choi KH, Lee HY, Han DS. Chlamydia pneumoniae accompanied by inflammation is associated with the progression of atherosclerosis in CAPD patients: A prospective study for 3 years. Nephrol Dial Transplant 2008 Mar;23(3):1011-8 (PMID: 17940057)**
330. Han SH, Park SY, Li JJ, Kwak SJ, Jung DS, Choi HY, Lee JE, Moon SJ, Kim DK, Han DS, Kang SW. Glomerular glucocorticoid receptor expression is reduced in late responders to steroids in adult-onset minimal change disease. *Nephrol Dial Transplant* 2008 Jan;23(1):169-75 (PMID: 17890747)
331. Han SH, Lee SC, Ahn SV, Lee JE, Kim DK, Lee TH, Moon SJ, Kim BS, Kang SW, Choi KH, Lee HY, Han DS. Reduced residual renal function is a risk of peritonitis in continuous ambulatory peritoneal dialysis patients. *Nephrol Dial Transplant* 2007 Sep;22(9):2653-8 (PMID: 17517797)
332. Li JJ, Kwak SJ, Jung DS, Kim JJ, Yoo TH, Ryu DR, Han SH, Choi HY, Lee JE, Moon SJ, Kim DK, Han DS, Kang SW. Podocyte biology in diabetic nephropathy. *Kidney Int Suppl* 2007 Aug;(106):S36-42 (PMID: 17653209)
333. **Kim DK, Yoo TH, Ryu DR, Xu ZG, Kim HJ, Choi KH, Lee HY, Han DS, Kang SW. Changes in causative organisms and their antimicrobial susceptibilities in CAPD peritonitis: A single center's experience over one decade. Perit Dial Int 2004 Sep-Oct;24(5):424-32. (PMID: 15490981)**

Patents

1. Bioenvironmental simulation device and method (US, Patent application No. US20210214667A1 registered on 10 Dec, 2019)
2. Apparatus and method for replicating biological condition using rotational force (Korea, Patent No. 1020180014250 registered on 2 Feb, 2018)
3. Automatic Dialysis Apparatus (Korea, Patent application No.10-2019-0168913 registered on 17 Dec, 2019)

Invited Lectures and Presentations

1. Causality between risk factors and CKD inferred from Mendelian randomization analysis, Invited lecture, Malaysian Society of Nephrology 2023. Penang, Malaysian. [Jul 8, 2023]
2. "Single Cell Atlas for Immunological Disease" as a SNUH Biobank Collaboratory Project, Invited lecture, Korea Biobank Network symposium 2022. Seoul, Korea. [Nov 23, 2022]
3. Research and Development on Localization of CRRT device. Invited lecture, KSN-IAC 2022. Busan, Korea. [Sep 24, 2022]
4. Causality between risk factors and CKD inferred from Mendelian randomization analysis, Invited lecture, KSN 2022. Seoul, Korea. [May 27, 2022]
5. Localization of CRRT device. Invited lecture, Opening Ceremony of SNUH Institute of Convergence Medical Technology. Seoul, Korea. [Dec 3, 2021]
6. Research and Development on Localization of CRRT device. Invited lecture, KSN 2021. Seoul, Korea. [Sep 3, 2021]
7. Liquid biospecimens and Disease-oriented Biobank. Invited lecture, Korea Human Resource Development Institute for Health and Welfare. Osong, Korea. [Dec 1, 2020]
8. Disease-oriented Biobank Network, Invited lecture, Korea Biobank Network symposium 2020. Osong, Korea. [Nov 18, 2020]
9. Biobanks for glomerular diseases, Invited lecture, 18th Asian Pacific Congress of Nephrology 2020. Hong Kong. [Oct 2, 2020]
10. Nutrition in CKD patients, Invited lecture, Keimyung University Dongsan Hospital Nephrology symposium 2019. Seoul, Korea. [Dec 8, 2019]
11. Cardiorenal syndrome, Invited lecture, SNUH Nephrology symposium 2019. Seoul, Korea. [Jun 23, 2019]
12. How to Manage Chronic Kidney Disease: Diet education. Invited lecture, 19th Continuing medical education of the Korean Association of Internal Medicine. Seoul, Korea. [Mar 3, 2019]
13. How to interpret eGFR in the Health Exam, Invited lecture, 18th Continuing medical education of the Korean Association of Internal Medicine. Daegu, Korea. [Aug 19, 2018]
14. AKI and CRRT indication, Invited lecture, Seoul CRRT Education Course. Seoul, Korea. [Jul 12, 2018]
15. When should we start acute renal replacement therapy, Invited lecture, The 3rd International Conference of Yanbian Society of Nephrology 2018. Yanbian, China. [Jun 30, 2018]
16. Long-term prognosis of CRRT in Korea, Baxter Renal Academy 2018, Seoul, Korea [Jun 22, 2018]
17. Management of Cardiovascular Risk Factors in Chronic Kidney Disease, Invited lecture, SNUH Nephrology symposium 2018. Seoul, Korea. [Jun 17, 2018]
18. Management of diabetic nephropathy. Invited lecture, 16th Continuing medical education of the Korean Association of Internal Medicine. Kwangju, Korea. [Aug 27, 2017]
19. Nutritional support in CRRT. Invited lecture, 7th CRRT Master Course 2017. Seoul, Korea. [Jul 14, 2017]
20. Nutritional support in critically ill patients with AKI. Invited lecture, SNUH Nephrology symposium 2017. Seoul, Korea. [Jun 18, 2017]
21. Optimal dose and timing of continuous renal replacement therapy. Invited lecture, Annual Conference of the Korean Society of Internal Medicine. Yeosu, Korea. [Apr 22, 2017]
22. Management of diabetic nephropathy. Invited lecture, 15th Continuing medical education of the Korean Association of Internal Medicine. Seoul, Korea. [Mar 12, 2017]
23. Acute kidney injury in critically ill patients. Invited lecture (Plenary lecture), Annual meeting of the Korean Society of Clinical

Nutrition. Seoul, Korea. [Nov 26, 2016]

24. Things to consider when you start acute renal replacement therapy. Invited lecture, 2016 AREP (Advanced Renal Education Program). Seoul, Korea. [Sep 10, 2016]
25. Septic AKI management. Invited lecture, 6th CRRT Master Course 2016. Seoul, Korea. [Jul 15, 2016]
26. Blood glucose control in hemodialysis patients. Invited lecture, Korean Society of Nephrology (Jeju branch) hemodialysis symposium, Jeju, Korea. [Jun 19, 2016]
27. In-depth review of IgA nephropathy. Invited lecture, Annual Spring Conference of the Korean Society of Internal Medicine 2016, Busan, Korea. [Apr 23, 2016]
28. Vitamin D and cardiovascular disease in CKD patients, Invited lecture, Ewha Womans University Nephrology symposium, Seoul, Korea. [Apr 3, 2016]
29. CAPD catheter insertion (Video Session: How I do it). Invited lecture, Annual Spring Conference of the Korean Society of Dialysis Access. Seoul, Korea. [Feb 14, 2015]
30. Acute kidney injury and medical dispute. Invited lecture, Korea Medical Dispute Mediation and Arbitration Agency. Seoul, Korea. [Nov 30, 2015]
31. Non-dialytic management of AKI in critically ill patients. Invited lecture, SNUH Nephrology symposium 2015. Seoul, Korea. [Jun 28, 2015]
32. Oliguria and acute kidney injury. Invited lecture, The 9th Basic Critical Care Review Course 2015. Seoul, Korea. [Apr 25, 2015]
33. Management of hemodynamically unstable patients with AKI. Invited lecture, Nephrology Board Review Course 2015. Seoul, Korea. [Feb 8, 2015]
34. Monitoring of glycemic control in hemodialysis patients. Invited lecture, Yonsei University Medical Center Nephrology symposium 2014. Seoul, Korea. [Dec 7, 2014]
35. The role of vitamin D and calcimimetics to manage vascular calcification in hemodialysis patients. Invited lecture, 2nd Kyungpook University Hospital Nephrology symposium, Daegu, Korea [Jun 22, 2014]
36. Management of secondary hyperparathyroidism in chronic kidney disease. Invited lecture, SNUH Nephrology symposium 2014. Seoul, Korea. [Jun 15, 2014]
37. Update in management of AKI after cardio-thoracic surgery, Invited lecture, 2013 Update In Thoracic and Cardiovascular Surgery Symposium. Seoul, Korea. [Dec 7, 2013]
38. Specimen Acquisition system in SNUH human biobank, Invited lecture, Opening symposium for Seoul St. Mary's Hospital Human Biobank. Seoul, Korea. [Oct 21, 2013]
39. Antibiotic dosing in CRRT. Invited lecture, Gambro CRRT Master Course 2013. Seoul, Korea. [Jun 28, 2013]
40. Acute Cardio-Renal Syndrome: Diagnosis and treatment. Invited lecture, SNUH Nephrology symposium 2013. Seoul, Korea. [Jun 9, 2013]
41. Clinical Approach to hematuria. Invited lecture, Annual Spring Conference of the Korean Society of Internal Medicine 2013, Busan, Korea. [Apr 27, 2013]
42. CRRT with MARS. Invited lecture, Gambro 1st MARS with CRRT Basic Course 2013, Seoul, Korea. [Mar 14, 2013]
43. Continuous Renal Replacement Therapy in Patients with Septic AKI. Invited lecture, Gambro CRRT Master Course 2012. Seoul, Korea. [Jun 22, 2012]
44. Natural History of Diabetic Nephropathy. Invited lecture, SNUH Nephrology symposium 2012. Seoul, Korea. [Jun 10, 2012]
45. Principle of Mechanism of IHD & CRRT. Invited lecture, Korean Neuro-Intensive Care Society. Seoul, Korea. [Apr 13, 2012]
46. Acute Cardio-Renal Syndrome in Critical Care: ADHF & AKI. Invited lecture, Nephrology Board Review Course 2012. Seoul, Korea. [Feb 4, 2012]
47. Translationally Controlled Tumor Protein Is Associated with Podocyte Hypertrophy in a Mouse Model of Type 1 Diabetes. Oral presentation, Annual Meeting of American Society of Nephrology Kidney week 2011. Philadelphia, PA, USA. [Nov 12, 2011]
48. Overview of Acute Renal Replacement Therapies. Invited lecture, Gambro CRRT Master Course 2011. Seoul, Korea. [Jun 17, 2011]
49. Acute Renal Replacement Therapies in Critically Ill Patients. Invited lecture, Nephrology Board Review Course 2011. Seoul, Korea. [Feb 11, 2011]
50. International Collaboration of Human Biobank Project. Invited lecture, Workshop on Korea Biobank Project. Muju, Korea. [Dec 10, 2010]
51. Nutritional Support in Dialysis Patients. Invited lecture, YUMC Nephrology symposium 2010. Seoul, Korea. [Oct 24, 2010]
52. Nutrition in Dialysis Patients. Invited lecture, Annual Autumn Meeting of Korean Society of Nephrology 2010. Daegu, Korea. [Oct 9, 2010]
53. The Impact of Translationally Controlled Tumor Protein on the Podocyte Hypertrophy under Diabetic Conditions. Invited lecture, 21th Japanese Diabetic Nephropathy Study Group. Tokyo, Japan. [Dec 5, 2009]
54. Electrolyte Imbalance in Patients with Neurologic Diseases. Invited lecture, Annual Autumn Meeting of Korean Society of Nephrology. Muju, Korea. [Aug 17, 2009]
55. Improved Patient Outcome with Biocompatible PD solution: A Single Kidney Center Study with a Large Number of CAPD Patients. Invited lecture, The 6th Japan-Korea Nephrology Forum. Tokyo, Japan. [Mar 21, 2008]

Book Chapters

1. Clinical Nephrology, 3rd edition: 2022, ISBN 979-11-5955-863-4 (Korean)
2. SNUH Manual of Medicine, 2nd edition: 2013, ISBN 978-89-7043-954-9 (Korean)
3. ARB, a life saver: 2012, ISBN 978-89-9676-890-6 (Korean)
4. SNUH Manual of Medicine: 2012, ISBN 978-89-7043-588-9 (Korean)
5. Vascular access for hemodialysis: 2012, ISBN 978-89-9665-903-7 (Korean)

Clinical trials (as a center/national principal investigator)

1. Effect of AST-120 and synbiotics on the gut microbiome and the muscle health in dialysis independent chronic kidney disease patients, a randomized-controlled trial (Phase 4 IIT)
2. A Phase 1b, Multicenter, Open-Label Study to Evaluate Safety, Tolerability, Pharmacokinetics, and Efficacy of Mezagitamab (TAK-079) in Patients With Primary IgA Nephropathy in Combination With Stable Background Therapy (Takeda Development Center Americas, Inc.)
3. A Phase 3, Randomized, Placebo-Controlled, Double-Blinded, Multicenter Study to Evaluate the Efficacy and Safety of Pegcetaoplan in Patients with C3 Glomerulopathy or Immune-Complex Membranoproliferative Glomerulonephritis (Apellis Pharmaceuticals, Inc.)
4. A Phase IIb Randomized, Double-Blinded, Placebo-Controlled, Dose-Ranging Study to Evaluate the Efficacy and Safety of Atacicept in Subjects with IgA Nephropathy (Vera Therapeutics, Inc)
5. A multicenter, randomized, open-label, active-controlled, parallel-group, phase 3 study to compare the efficacy and safety of JTZ-951 with darbepoetin in anemic patients with chronic kidney disease receiving maintenance hemodialysis (JW Pharmaceutical Corporation)
6. A Randomized, Double-Blind, Placebo, Controlled Study to Evaluate, Efficacy and Safety of Nefecon in Patient with Primary IgA Nephropathy at Risk of Progressing to End-Stage Renal Disease (Calliditas Theapeutics AB)
7. A randomized, multicenter, double-blind, parallel, active-control study of the effects of Sparsentan, a dual endothelin receptor and angiotensin receptor blocker, on renal outcomes in patients with primary focal segmental glomerulosclerosis (FSGS) (Retrophin, Inc.)
8. A Phase 4, Randomized, Open-label, Active-controlled, Multicenter Study to Evaluate the Renal Protective Effect (UACR), Efficacy and Safety of Ipragliflozin in Type 2 Diabetes Mellitus patients with Albuminuria (Astellas Pharma Korea, Inc.)
9. A Randomized, Double-blind, Active Control, Parallel Group, Titration, Multicenter Study to Evaluate the Efficacy and Safety of Fimasartan (Boryung Pharmaceutical Co., Ltd)
10. Antipruritic Efficacy and safety of PG102 in maintenance hemodialysis patients; A 8week, Multi-center, Randomized, Double-blind, Placebo-Controlled Clinical Trial (Viomed Co., Ltd)
11. A Phase 3, Randomized, Double-Blind, Placebo Controlled Study of the Efficacy and Safety of FG-4592 for the Treatment of Anemia in Chronic Kidney Disease Patients not on Dialysis (FibroGen, Inc)
12. A Randomized, Double-Blind, Placebo-Controlled Phase 2/3 Study to Evaluate the Efficacy and Safety of Blisibimod Administration in Subjects with IgA Nephropathy (Anthera Pharmaceuticals, Inc.)
13. A phase 3, multicenter, randomized, open label, study of Mycophenolate Mofetil (Myconol) plus low dose steroid versus cyclosporin (Implanta soft capsule) plus low dose steroid for the patient with high risk membranous nephropathy (IIT)
14. Open-label, randomized, comparative, multi-center clinical trial on the therapeutic effect of tacrolimus (Prograf Cap.®) in combination with low dose corticosteroid in patient with minimal change nephrotic syndrome compared with high dose corticosteroid (Astellas Pharma Korea, Inc.)
15. Additive Renoprotective Effects of Oral Calcitriol in IgA Nephropathy Patients Taking Renin-Angiotensin System Blockers (IIT)
16. Effects of low sodium intake on the anti-proteinuric efficacy of Olmesartan in hypertensive patients with albuminuria (ESPECIAL) through open-label randomized case-control trial (IIT)
17. Effects of HIgh volume COntinuous REnal replacement therapy in patients with Septic acute kidney injury (HICORES study) (IIT)
18. Effects of Icodextrin Solution on Preservation of Residual Renal Function in Patients on Peritoneal Dialysis (IIT)

Grants (Government funding, as a principal investigator)

1. Development of portable hemodialysis medical equipment with remote monitoring. Korea Medical Device Development Fund, Ministry of health and welfare. Apr. 2022~Dec, 2025
2. Development of disease-specific treatment targets and biomarkers for IgA nephropathy by understanding epigenetics through integrative ATAC-Seq and RNA-seq analysis. National Research Foundation of Korea. Sep. 2021~Feb, 2024
3. Research and Development on Localization of Continuous Renal Replacement Therapy Device. Korea Medical Device Development Fund, Ministry of health and welfare. Sep. 2020~Mar, 2023
4. The activation of home care service and the establishment of the guidelines. Ministry of health and welfare. Jul, 2019~Dec, 2019
5. Deep clinical phenotype-based biobanking network for glomerular disease. Ministry of health and welfare. Apr, 2019~Dec, 2023
6. Evaluation for the validity of URiSCAN® 2 ACR urine dipstick in screening microalbuminuria in diabetes. Ministry of health and welfare. Jun, 2017~Mar, 2019
7. Development of early diagnosis technology for acute / chronic renal failure. Ministry of Trade, Industry and Energy. Jul, 2017~Dec, 2020

8. The role of Suppression of tumorigenicity 2(ST2) in renal fibrosis. National Research Foundation of Korea. Mar, 2017~Feb, 2020
9. Development of microengineering-based human nephron on a chip for pathogenesis identification of kidney disease and drug nephrotoxicity screening. Korea Health Industry Development Institute. Nov, 2013~Oct, 2016
10. Clinical trial technology development for the validation of surrogate prognostic markers in patients with chronic kidney disease. Korea Health Industry Development Institute. May, 2012~April, 2014
11. The role of local interleukin 6-gp130 system in podocyte under diabetic condition. Korea Health Industry Development Institute. Jul, 2010~Aug, 2011

I hereby declare that the above statement is true and correct in every respect to the best of my knowledge.

Dong Ki Kim, MD, PhD