

CURRICULUM VITAE

KEIICHI SUMIDA, MD, MPH, PhD, FASN, FACP

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PERSONAL INFORMATION

Work address: Division of Nephrology, Department of Medicine
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EDUCATION/POST GRADUATE TRAINING

College/University:

1999-2005 MD, Hiroshima University School of Medicine, Hiroshima, Japan
2015-2017 MPH, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
2014-2018 PhD in Medical Sciences, Graduate School of Comprehensive Human Sciences,
University of Tsukuba, Ibaraki, Japan

Residency:

2005-2007 Resident in Internal Medicine and General Surgery,
Toranomom Hospital, Tokyo, Japan,

Fellowship:

2007-2010 Fellow in Nephrology and Rheumatology,
Toranomom Hospital, Tokyo, Japan

MEDICAL LICENSURE

2005 Full Medical License (Japan) #451330

BOARD CERTIFICATION

December 2012 Fellow, The Japanese Society of Internal Medicine #15234
April 2012 Fellow, The Japanese Society of Dialysis Therapy #5658
April 2013 Board Certified Nephrologist, The Japanese Society of Nephrology #213115
March 2014 Board Certified Rheumatologist, The Japanese College of Rheumatology #5834

PRESENT POSITION OR ACADEMIC RANK

2018- Associate Professor, Division of Nephrology, Department of Medicine,
University of Tennessee Health Science Center, Memphis, TN, USA
2019- Research Associate Without Compensation (WOC), Memphis VA Medical Center,
Memphis, TN, USA

PREVIOUS PROFESSIONAL POSITIONS AND APPOINTMENTS

- 2010-2018 Attending Physician, Nephrology Center and Department of Rheumatology, Toranomon Hospital Kajigaya, Kanagawa, Japan
- 2015-2017 Visiting Research Scholar, Division of Nephrology, Department of Medicine, University of Tennessee Health Science Center, Memphis, TN, USA
- 2015-2017 Research Associate Without Compensation (WOC), Memphis VA Medical Center, Memphis, TN, USA
- 2018-2019 Visiting Research Scholar, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Ibaraki, Japan

TEACHING ACTIVITIES-HOSPITAL OR OFFICE-BASED

- 2011-2015 Clinical Training Instructor of Nephrology and Rheumatology, Toranomon Hospital Kajigaya, Kanagawa, Japan
- 2019-2021 Lecturer, Nephrology Fellows' Conference: Case-based teaching session (1 session per month) at Division of Nephrology, University of Tennessee Health Science Center, Memphis, TN, USA

HOSPITAL/UNIVERSITY COMMITTEE APPOINTMENTS

- 2007-2009 Staff of Library, Federation of National Public Service Personnel Mutual Aid Association, Toranomon Hospital, Tokyo, Japan
- 2011-2015 Staff of Medical Education and Training, Toranomon Hospital Kajigaya, Kanagawa, Japan
- 2017-2018 Member of Infection Control Committee, Toranomon Hospital Kajigaya, Kanagawa, Japan
- 2017-2018 Member of Risk Management Committee of Mechanical Ventilation, Toranomon Hospital Kajigaya, Kanagawa, Japan
- 2019- Member of Faculty Committee, Health Outcomes and Policy Research Program, College of Graduate Health Sciences, University of Tennessee Health Science Center, Memphis, TN, USA
- 2020- Member of Faculty Committee, Master of Science in Epidemiology Program, College of Graduate Health Sciences, University of Tennessee Health Science Center, Memphis, TN, USA

MENTORING

Dissertation Committee:

- 2019-2021 Member, PhD Dissertation Committee, Ankur Dashputre, MS, Health Outcomes and Policy Research PhD Program, University of Tennessee Health Science Center, Memphis, TN, USA: "Potassium disorders and associated outcomes amongst US veterans with advanced chronic kidney disease transitioning to dialysis"
- 2023- Member, PhD Dissertation Committee, Mohammad Naim, Health Outcomes

and Policy Research PhD Program, University of Tennessee Health Science Center, Memphis, TN, USA: “Effect of various lipid-lowering agents on HDL cholesterol and HDL-C mediated effect of those agents on different outcomes among the US veterans with incident chronic kidney disease”

Thesis Committee:

- 2020-2021 Member, MS Thesis Committee, Ambreen Azhar, MD, Epidemiology M.S. Program, University of Tennessee Health Science Center, Memphis, TN, USA: “Evaluation of CMV specific T cell immune response in HCV negative kidney transplant recipients receiving kidneys from HCV viremic donors versus HCV negative donors”
- 2022 Examiner of a Higher Degree by Research candidate, Catherine McFarlane, BAppSc, MNutrDiet, APD, The University of Queensland, St Lucia, Australia: “Nutrition supplementation and gut health in chronic kidney disease”

Student Mentees:

- 2022- Kishan Girish Sinojia, College of Medicine, Class of 2025, University of Tennessee Health Science Center, Memphis, TN, USA
- 2022- Caleb Joseph Berta, College of Medicine, Class of 2025, University of Tennessee Health Science Center, Memphis, TN, USA
- 2022- Rida Nusrat Khan, College of Medicine, Class of 2025, University of Tennessee Health Science Center, Memphis, TN, USA

HONORS AND AWARDS

- 2009 Fellow of the Year Award, Toranomon Hospital, Tokyo, Japan
- 2011-2013 Kidney Foundation of Japan Research Grant, The Kidney Foundation, Japan
- 2012-2014 Okinaka Memorial Institute for Medical Research Grant, Toranomon Hospital, Tokyo, Japan
- 2015-2017 Dean’s Scholarship, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, US
- 2015 Doctoral Program Travel Grant, University of Tsukuba, Ibaraki, Japan
- 2016 Student Assembly Conference Fund Travel Award, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2017 Doctoral Program in Clinical Sciences Fund for International Conferences, University of Tsukuba, Ibaraki, Japan
- 2017 Doctoral Program Travel Grant, University of Tsukuba, Ibaraki, Japan
- 2018 International Concurrent Workshop Excellent Abstract Award, “Biologic Use and Incident Chronic Kidney Disease in Rheumatoid Arthritis” Japan College of Rheumatology 2018
- 2021 Reviewer of the Year (one of the 2021 Top 5 Reviewers), Clinical Journal of the American Society of Nephrology (CJASN)

PROFESSIONAL AND SOCIETY MEMBERSHIPS

Fellowship:

2012- Japanese Society of Internal Medicine
2012- Japanese Society of Dialysis Therapy
2013- Japanese Society of Nephrology
2017- American Society of Nephrology
2019- American College of Physicians

Membership:

2007- Japanese Society of Internal Medicine
2008- Japanese College of Rheumatology
2008- Japanese Society for Dialysis Therapy
2008- Japanese Society of Nephrology
2012- Japanese Society for Clinical Renal Transplantation
2012- American Society of Nephrology
2013- American College of Physicians
2016- International Society of Renal Nutrition and Metabolism

EDITORIAL ACTIVITIES

Ad Hoc Journal Reviewer:

2013- BMC Nephrology
2014- Internal Medicine
2014- Blood Purification
2015- Clinical Kidney Journal
2015- Nephron Clinical Practice
2015- Scientific Reports
2015- Nephrology Dialysis and Transplantation
2015- Arthritis Care & Research
2016- Journal of Rheumatology
2016- Cardiorenal Medicine
2016- Pathological International
2017- American Journal of Nephrology
2017- Kidney International
2017- Clinical Epidemiology
2018- Journal of Cachexia, Sarcopenia and Muscle
2018- Journal of the American Society of Nephrology
2018- Transplant International
2019- Journal of Clinical & Translational Endocrinology
2019- Diabetes/Metabolism Research and Reviews
2019- EBioMedicine
2019- Journal of Diabetes and Its Complications
2019- BMJ Open
2019- Journal of Diabetes
2019- Nephrology

2020- BMJ Open Diabetes Research & Care
 2020- Clinical Journal of the American Society of Nephrology
 2020- Clinical Nephrology
 2020- American Journal of Kidney Diseases
 2020- Polish Archives of Internal Medicine
 2020- International Journal of Medical Sciences
 2020- Food Research International
 2020- Kidney International Reports
 2020- Journal of Renal Nutrition
 2020- American Journal of Gastroenterology
 2020- The Journal of Clinical Hypertension
 2021- Therapeutic Advances in Chronic Disease
 2021- Therapeutic Apheresis and Dialysis
 2021- European Journal of Clinical Investigation
 2021- Toxins
 2021- Aging
 2021- International Journal of Nephrology and Renovascular Disease
 2021- International Journal of General Medicine
 2021- PLoS One
 2022- Seminars in Dialysis
 2022- Diabetes Care

Editorial membership:

2017 Associate Guest Editor, Seminars in Dialysis Special Edition “Treatment Considerations in Conventional HD - What We Know”
 2022 Guest Editor, Journal of Renal Nutrition “Special Issue for the International Society of Renal Nutrition and Metabolism (ISRNM) 45th Anniversary Publication”
 2022- Associate Editor, Nephron
 2023- Editorial Board, Diabetes Care

INVITED PRESENTATIONS

International:

2017 Kidney Disease: Improving Global Outcomes (KDIGO) CKD-MBD Implementation Summit in Asia, “KDIGO CKD-MBD Survey Results: Session 2 - CKD-MBD Practice Patterns in the Region,” Tokyo, Japan
 2020 American Society Nephrology 53rd Annual Kidney Week Meeting 2020, “Gastrointestinal Manifestations of Altered Gut Microbiota in ESRD,” Denver, CO, USA
 2020 Clinical and Research Conference, “Clinical Research in the United States,” Department of Nephrology, St. Marianna University, Kanagawa, Japan (Online)
 2022 American Association for Clinical Chemistry (AACC) Education Webinar, “Use

- of Urine Albumin-to-Creatinine Ratio to Screen for CKD in Underserved Populations,” Memphis, TN, USA (Online)
- 2022 20th Congress of the International Society of Renal Nutrition and Metabolism, “Can we reduce uremic toxins accumulation through the gut?,” Guangzhou, China (Online)
- 2022 54th Annual Meeting of the Kyushu Society for Dialysis Therapy, “Nutrition Management in Patients on Dialysis,” Okinawa, Japan (Online)
- National:**
- 2013 43th Eastern Regional Meeting of the Japanese Society of Nephrology, “Hepatitis C Virus-Related Cryoglobulinemia,” Tokyo, Japan
- 2015 45th Western Regional Meeting of the Japanese Society of Nephrology, “Renal Pathology Associated With Liver Disease,” Ishikawa, Japan
- 2015 United States Renal Data System (USRDS) Site Visit and Steering Committee Meeting, “Association of slopes of estimated GFR with post-ESRD mortality in advanced CKD patients transitioning to dialysis,” University of Michigan, Ann Arbor, MI, USA
- 2016 United States Renal Data System (USRDS) Site Visit and Steering Committee Meeting, “Pre-ESRD Systolic Blood Pressure and Post-ESRD Mortality in Advanced CKD Patients Transitioning to Dialysis,” University of Michigan, Ann Arbor, MI, USA
- 2017 47th Eastern Regional Meeting of the Japanese Society of Nephrology, “Clinical Studies in Nephrology: Constipation and Incident CKD,” Kanagawa, Japan
- 2017 47th Eastern Regional Meeting of the Japanese Society of Nephrology, “Bone-Kidney Axis in Acute Kidney Injury,” Kanagawa, Japan
- 2018 2nd Japan Chronic Kidney Disease-Mineral and Bone Disorder Forum, “Parathyroid Hormone Analogues,” Tokyo, Japan
- 2018 8th Annual Meeting of the Japanese Society of Renal Rehabilitation, “Clinical Evidence on Exercise and Kidney Function,” Miyagi, Japan
- 2018 61st Annual Meeting of the Japanese Society of Nephrology, “Clinical Research and Regulation – From a Researcher’s View,” Niigata, Japan
- 2018 5th Next Generation Kidney Research Meeting, “Outcome Research in Early and Advanced Stages of CKD Using Large Medical Databases,” Tokyo, Japan
- 2020 Nephrology Grand Rounds, “Novel Link Between Gastrointestinal Symptoms and Gut Microbiota in CKD,” Division of Nephrology, Hypertension and Kidney Transplantation, University of California Irvine, Irvine, CA, USA (Online)
- 2022 Siemens Healthineers Japan, Education Webinar, “Use of Urine Albumin-to-Creatinine Ratio to Screen for CKD in Japan,” Tokyo, Japan (Online)
- 2022 67th Annual Meeting of the Japanese Society for Dialysis Therapy, “Chronic kidney disease and constipation: findings from epidemiological studies,” Kanagawa, Japan (Online)
- 2023 Nephrology Research Conference, “Novel Gut-Targeted Interventions in CKD,” Division of Nephrology, Hypertension and Kidney Transplantation, University

of California Irvine, Irvine, CA, USA (Online)

Local:

- 2016 Renal Disease Interest Group Conference, “Slopes of eGFR in late-stage CKD: influence of vascular access and impact on post-ESRD mortality,” Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
- 2016 Joint Research Meeting, University of Tennessee Health Science Center and Center in Biomedical Informatics and Clinical Outcomes and Clinical Trials Program, “Current issues of outcome research using large medical databases - VA database component and VA cohort,” Le Bonheur Children's Foundation Research Institute, Memphis, TN, USA
- 2016 Welch Center Research in Progress (RIP) Seminar, “Lung Function and Incident Kidney Disease: The Atherosclerosis Risk in Communities (ARIC) Study,” Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
- 2017 Nephrology Grand Round, “Constipation and Incident CKD,” University of Tennessee Health Science Center, Memphis, TN, USA
- 2018 Hypertension Winter Seminar, “Blood Pressure Management in CKD,” Tokyo, Japan
- 2018 48th Isehara Research Seminar, “Clinical Evidence in Patients with Early and Advanced Stages of CKD,” Kanagawa, Japan
- 2019 Nephrology Grand Round, “Gut-Kidney-Heart Axis in CKD,” University of Tennessee Health Science Center, Memphis, TN, USA
- 2020 Graduate Medical Education Research Certification Program, “Working With Databases,” University of Tennessee Health Science Center, Memphis, TN, USA (Online)
- 2020 Nephrology Grand Round, “Proteinuria in CKD,” University of Tennessee Health Science Center, Memphis, TN, USA (Online)
- 2021 Nephrology Grand Round, “Gut-targeted interventions in CKD,” University of Tennessee Health Science Center, Memphis, TN, USA (Online)
- 2022 Nephrology Grand Round, “Premature aging in CKD,” University of Tennessee Health Science Center, Memphis, TN, USA (Online)
- 2023 Noon Lecture, “Novel Gut-Targeted Interventions in Chronic Kidney Disease,” Division of Gastroenterology and Hepatology, University of Tennessee Health Science Center, Memphis, TN, USA (Online)
- 2023 Medicine Grand Round, “Gut-Kidney-Heart Axis in Chronic Kidney Disease,” University of Tennessee Health Science Center, Memphis, TN, USA (Online)

OTHER PROFESSIONAL ACTIVITIES

Service to Professional Societies:

- 2014 Invited Co-Chair, “Cryoglobulinemia,” 44th Eastern Regional Meeting of the Japanese Society of Nephrology, Tokyo, Japan
- 2014-2015 Committee Member, Practical Research Project for Renal Diseases
“The research to avoid initiation of renal replacement therapy based on

- epidemiology and evidences of advanced chronic Kidney Diseases in Japan. (REACH-J study)”
- 2016 Invited Abstract Reviewer, “Nutrition, Inflammation, and Metabolism” Category, American Society of Nephrology 2016 Kidney Week Meeting
- 2018 Moderator, Meet the Professor session (Prof. Angela Wang), International Society of Nephrology Frontier Meeting 2018, Tokyo, Japan
- 2020- Chair, Patient Resources Committee, International Society of Renal Nutrition and Metabolism
- 2020- Member, Education Committee, International Society of Renal Nutrition and Metabolism
- 2020- Member, Publication Committee, International Society of Renal Nutrition and Metabolism
- 2021- Member, Joint Steering Committee, International Federation of Kidney Foundations World Kidney Alliance and International Society of Renal Nutrition and Metabolism on Renal nutrition, Diet and World Kidney Recipes
- 2021 Moderator for the session entitled “Management of Traditional Cardiovascular Risk Factors in Patients with ESKD” at the American Society Nephrology 54th Annual Kidney Week Meeting, San Diego, CA
- 2022 Invited Abstract Reviewer, 20th Congress of the International Society of Renal Nutrition and Metabolism

Grant Reviewer:

- 2021 Invited Grant Reviewer, the Geneva University Hospitals and Faculty of Medicine Research Foundation

FUNDING

Research Extramural Funding – Current

R01 DK125586 Sumida (PI) 07/01/2020-02/28/2025

NIH/NIDDK

Project Title: Circulating microbiome and premature mortality in hemodialysis patients

The goal of this project is to characterize the circulating microbiome in ESRD and to investigate its associations with premature mortality.

Role: Contact PI

I01 HX002680-01A1 Kovesdy (PI) 01/01/2020-12/31/2024

Dept. of VA, HSR&D

Project Title: Therapeutic Interventions to Access Outcomes and Disparities in Chronic Kidney Disease Among Veterans

The goals of this project are to examine the association between various therapies and outcomes in patients with CKD.

Role: Co-Investigator

R01 DK135942 Sumida, Kovesdy, Datta (MPI) 08/11/2023-07/30/2026

NIH/NIDDK

Project Title: Clinical, Biochemical, and Microbiological Effects of Constipation Treatment in Patients with Chronic Kidney Disease: A Pilot Feasibility Trial

The goal of this project is to test the feasibility of delivering an intervention with constipation treatment and determine its effects on changes in clinical, biochemical, and microbiological parameters in patients with CKD and constipation.

Role: Contact PI

Research Intramural Funding – Current

University of Tennessee College of Medicine Faculty Research Growth Award

Sumida (PI)

09/01/2022-08/31/2024

Project Title: Clonal Hematopoiesis of Indeterminate Potential and Cardiovascular Death in Hemodialysis Patients: A Pilot Study

This grant seeks to determine the prevalence of patients with CHIP and its association with cardiovascular death in a pilot case-control cohort of patients with end-stage renal disease.

Role: Contact PI

Research Intramural Funding – Previous

Tennessee Clinical and Translational Science Institute Pilot Project

Sumida and Kuscu (PIs)

06/01/2021-08/31/2022

Project Title: Circulating small non-coding RNA profiles for premature cardiovascular death in hemodialysis patients

This grant seeks to identify circulating small non-coding RNAs (c-sncRNAs) that are associated with fatal cardiovascular events in end-stage renal disease patients.

Role: Contact PI

Pending

R01 DK139334

Sumida (PI)

04/01/2024-03/31/2029

NIH/NIDDK

Project Title: Role of Clonal Hematopoiesis of Indeterminate Potential in Premature Mortality of Hemodialysis Patients

The goal of this project is to determine the role of clonal hematopoiesis of indeterminate potential (CHIP) in premature aging and mortality in patients with end-stage kidney disease (ESKD).

Role: Contact PI

BIBLIOGRAPHY

Publication – Journal Articles, Peer Reviewed

1. **Sumida K**, Kohno T, Mun M, Hamamoto A, Yoshiya T, Takahashi T. A lung granuloma with partial anomalous pulmonary venous connection and bronchial atresia. *J Thorac Cardiovasc Surg.* 2008;135(2):449-50.
2. Takemoto F, Okuda I, Sawa N, Hoshino J, Hasegawa E, **Sumida K**, Yamanouchi M, Hayami N, Suwabe T, Nakamura M, Ubara Y, Takaichi K. Rectus sheath haematoma in

- a patient receiving haemodialysis. *BMJ Case Rep.* 2010 Aug 6.
3. **Sumida K**, Ubara Y, Hoshino J, Suwabe T, Hiramatsu R, Hasegawa E, Hayami N, Yamanouchi M, Sawa N, Takemoto F, Takaichi K. Etanercept-refractory adult-onset Still's disease with thrombotic thrombocytopenic purpura successfully treated with tocilizumab. *Clin Rheumatol.* 2010;29(10):1191-4.
 4. **Sumida K**, Ubara Y, Hoshino J, Suwabe T, Nakanishi S, Hiramatsu R, et al. Hepatitis C virus-related kidney disease: various histological patterns. *Clin Nephrol.* 2010;7(6):446-56.
 5. Sakurai-Chin C, Ubara Y, Suwabe T, Hoshino J, Yonaha T, Hasegawa E, **Sumida K**, Hiramatsu R, Yamanouchi M, Hayami N, Yamauchi J, Tominaga N, Sawa N, Takemoto F, Masuoka K, Takaichi K, Oohashi K. AL amyloidosis with IgD-lambda monoclonal gammopathy and lambda-type Bence-Jones protein: successful treatment by autologous stem cell transplantation. *Clin Exp Nephrol.* 2011;14(5):506-10.
 6. Yamauchi J, Ubara Y, Suwabe T, Yamanouchi M, Hayami N, **Sumida K**, Hiramatsu R, Hasegawa E, Hoshino J, Sawa N, Takemoto F, Marui Y, Nakamura M, Tomikawa S, Takaichi K. Severe osteomalacia caused by short bowel syndrome in a patient on long-term hemodialysis after parathyroidectomy. *J Bone Miner Metab.* 2011;29(2):245-50.
 7. Tsuchiya Y, Ubara Y, Suwabe T, Hoshino J, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hayami N, Marui Y, Sawa N, Takemoto F, Takaichi K. The renal cyst infection caused by *Salmonella enteritidis* in a patient with autosomal dominant polycystic kidney disease: how did this pathogen come into the renal cysts? *Clin Exp Nephrol.* 2011;15(1):151-3.
 8. Tsuchiya Y, Ubara Y, Suwabe T, Hoshino J, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hayami N, Marui Y, Sawa N, Takemoto F, Takaichi K. Successful treatment of acute promyelocytic leukemia in a patient on hemodialysis. *Clin Exp Nephrol.* 2011;15(3):434-7.
 9. **Sumida K**, Ubara Y, Takemoto F, Takaichi K. Successful treatment with humanized anti-interleukin 6 receptor antibody for multidrug-refractory and anti-tumor necrosis factor-resistant systemic rheumatoid vasculitis. *Clin Exp Rheumatol.* 2011;29(1 Suppl 64):S133.
 10. Hoshino J, Ubara Y, Sawa N, **Sumida K**, Hiramatsu R, Hasegawa E, Suwabe T, Hayami N, Yamanouchi M, Takemoto F, Taniguchi S, Takaichi K. How to treat patients with systemic AL amyloidosis? : Comparison of high-dose melphalan, low-dose chemotherapy and no chemotherapy in patients with or without cardiac amyloidosis. *Clin Exp Nephrol.* 2011;15(4):486-92.
 11. **Sumida K**, Nakamura M, Ubara Y, Marui Y, Tanaka K, Takaichi K, Tomikawa S, Inoshita N, Ohashi K. Histopathological alterations of the parathyroid glands in hemodialysis patients with secondary hyperparathyroidism refractory to cinacalcet hydrochloride. *J Clin Pathol.* 2011;64(9):756-60.
 12. **Sumida K**, Ubara Y, Suwabe T, Hayami N, Hiramatsu R, Hasegawa E, Yamanouchi M, Hoshino J, Sawa N, Takemoto F, Takaichi K, Ohashi K. Complete remission of myeloperoxidase-anti-neutrophil cytoplasmic antibody-associated crescentic glomerulonephritis complicated with rheumatoid arthritis using a humanized anti-

- interleukin 6 receptor antibody. *Rheumatology*. 2011;50(10):1928-30.
13. Tsuchiya Y, Ubara Y, Anzai M, Hiramatsu R, Suwabe T, Hoshino J, **Sumida K**, Hasegawa E, Yamanouchi M, Hayami N, Marui Y, Sawa N, Hara S, Takaichi K, Oohashi K. A case of idiopathic basal ganglia calcification associated with membranoproliferative glomerulonephritis. *Intern Med*. 2011;50(20):2351-6.
 14. Toyohara T, Ubara Y, Higa Y, Suwabe T, Hoshino J, **Sumida K**, Hiramatsu R, Nagasawa M, Hasegawa E, Yamanouchi M, Hayami N, Marui Y, Sawa N, Nakamura M, Tomikawa S, Takaichi K. Prognosis of patients on continuous ambulatory peritoneal dialysis (CAPD) for over 10 years. *Intern Med*. 2011;50(21):2519-23.
 15. Hattori Y, Ubara Y, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hayami N, Suwabe T, Hoshino J, Sawa N, Oohashi K, Takaichi K. Tocilizumab improves cardiac disease in a hemodialysis patient with AA amyloidosis secondary to rheumatoid arthritis. *Amyloid*. 2012;19(1):37-40.
 16. Yamakoshi S, Ubara Y, Suwabe T, Hiramatsu R, Yamanouchi M, Hayami N, **Sumida K**, Hasegawa E, Hoshino J, Sawa N, Takaichi K, Kawabata M. Transcatheter renal artery embolization improves lung function in patients with autosomal dominant polycystic kidney disease on hemodialysis. *Clin Exp Nephrol*. 2012;16(5):773-8.
 17. **Sumida K**, Ubara Y, Nomura K, Hoshino J, Suwabe T, Hiramatsu R, Hasegawa E, Hayami N, Yamanouchi M, Sawa N, Takemoto F, Takaichi K, Ohashi K. ANCA-associated crescentic glomerulonephritis with immune complex deposits. *Clin Nephrol*. 2012;77(6):454-60.
 18. Ayuzawa N, Ubara Y, **Sumida K**, Yamanouchi M, Hasegawa E, Hiramatsu E, Hayami N, Suwabe T, Hoshino J, Sawa N, Kawabata M, Ohashi K, Takaichi K. Churg-Strauss syndrome with a clinical condition similar to IgG4-related kidney disease: a case report. *Intern Med*. 2012;51(10):1233-8.
 19. Suwabe T, Ubara Y, **Sumida K**, Hayami N, Hiramatsu R, Yamanouchi M, Hasegawa E, Hoshino J, Sawa N, Saitoh S, Okuda I, Takaichi K. Clinical features of cyst infection and hemorrhage in ADPKD: new diagnostic criteria. *Clin Exp Nephrol*. 2012;16(6):892-902.
 20. Hirohama D, Hoshino J, **Sumida K**, Hasegawa E, Hiramatsu R, Yamanouchi M, Hayami N, Suwabe T, Sawa N, Takemoto F, Ubara Y, Hara S, Ohashi K, Takaichi K. Churg-Strauss syndrome presenting with acute renal insufficiency accompanied by eosinophilic tubulointerstitial nephritis. *Intern Med*. 2012;51(12):1555-60.
 21. **Sumida K**, Ubara Y, Takaichi K, Wake A. Primary effusion lymphoma-like lymphoma with polycystic kidney disease. *BMJ Case Rep*. 2012 Jul 13.
 22. **Sumida K**, Ubara Y, Suwabe T, Hayami N, Hiramatsu R, Hasegawa E, Yamanouchi M, Hoshino J, Sawa N, Takaichi K. Adalimumab treatment in patients of rheumatoid arthritis with renal insufficiency. *Arthritis Care Res*. 2013;65(3):471-5.
 23. Hiramatsu R, Ubara Y, Hayami N, Yamanouchi M, Hasegawa E, **Sumida K**, Suwabe T, Hoshino J, Sawa N, Amizuka N, Takaichi K. Occurrence of new bone-like tissue formation in uremic tumoral calcinosis. *Bone*. 2013;52(2):684-8.
 24. Mise K, Ubara Y, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hayami N, Suwabe T, Hoshino J, Sawa N, Hashimoto M, Fujii T, Sasano H, Takaichi K. Cushing's

- syndrome after Hemodialysis for 21 Years. *J Clin Endocrinol Metab.* 2013;98(1):12-9.
25. Hiramatsu R, Ubara Y, Suwabe T, **Sumida K**, Hayami N, Yamanouchi M, Mise K, Hasegawa E, Hoshino J, Sawa N, Takaichi K. Osteomalacia and insufficiency fracture in a hemodialysis patient with autosomal dominant polycystic kidney disease. *Intern Med.* 2012;51(23):3277-80.
 26. Sawa N, Ubara Y, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hoshino J, Suwabe T, Uchida N, Wake A, Taniguchi S, Takaichi K. Direct hemoperfusion with a polymyxin B column versus vasopressin for gram negative septic shock: a matched cohort study of the effect on survival. *Clin Nephrol.* 2013;79(6):463-70.
 27. Nagasawa M, Ubara Y, Suwabe T, Yamanouchi M, Hayami N, **Sumida K**, Hattori Y, Tsukamoto M, Hiramatsu E, Hasegawa E, Hoshino J, Sawa N, Marui Y, Nakamura M, Tomikawa S, Takaichi K. Parathyroid hemorrhage occurring after administration of cinacalcet in a patient with secondary hyperparathyroidism. *Intern Med.* 2012;51(24):3401-4.
 28. Nonaka K, Ubara Y, **Sumida K**, Hiramatsu R, Hasegawa E, Yamanouchi M, Hayami N, Suwabe T, Hoshino J, Sawa N, Takaichi K, Kuroda Y, Oohashi K. Clinical and pathological evaluation of hypertensive emergency-related nephropathy. *Intern Med.* 2013;52(1):45-53.
 29. **Sumida K**, Ubara Y, Marui Y, Nakamura M, Takaichi K, Tomikawa, Fujii T, Ohashi K. Recurrent Proliferative Glomerulonephritis With Monoclonal IgG Deposits of IgG2 λ Subtype in a Transplanted Kidney: A Case Report. *Am J Kidney Dis.* 2013;62(3):587-90.
 30. Tsuchiya Y, Ubara Y, Suwabe T, Nomura K, **Sumida K**, Hiramatsu R, Hoshino J, Hasegawa E, Yamanouchi M, Hayami N, Sawa N, Takaichi K, Oohashi K. AA-amyloidosis in autosomal dominant polycystic kidney disease caused by chronic cyst infections lasting for 30 years. *Intern Med.* 2013;52(7):791-4.
 31. Yamanouchi M, Ubara Y, Hayami N, Suwabe T, Hiramatsu R, **Sumida K**, Hasegawa E, Hoshino J, Sawa N, Tanaka K, Marui Y, Nakamura M, Tomikawa S, Takaichi K. Bone mineral density 5 years after parathyroidectomy in hemodialysis patients with secondary hyperparathyroidism. *Clin Nephrol.* 2013;79(5):380-6.
 32. **Sumida K**, Nakamura M, Ubara Y, Marui Y, Tanaka K, Takaichi K, Tomikawa S, Inoshita N, Ohashi K. Cinacalcet upregulates calcium-sensing receptors of parathyroid glands in hemodialysis patients. *Am J Nephrol.* 2013;37(5):405-12.
 33. **Sumida K**, Ubara Y, Hoshino J, Hayami N, Suwabe T, Hiramatsu R, Hasegawa E, Yamanouchi M, Sawa N, Takaichi K, Ohashi K. Myeloperoxidase-antineutrophil cytoplasmic antibody-associated crescentic glomerulonephritis in autosomal dominant polycystic kidney disease. *BMC Nephrol.* 2013;14(1):94.
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Abstracts - oral presentations

1. Mise K, Ubara Y, Hoshino J, **Sumida K**, Yamanouchi M, Suwabe T, Takaichi K: Renal Prognosis of Patients Diagnosed with Diabetic Nephropathy 10 Years after Renal Biopsy American Society Nephrology 45th Annual Kidney Week Meeting, November 2012, San Diego, CA
2. **Sumida K**, Ubara Y, Hoshino J, Hayami N, Suwabe T, Hiramatsu R, Hasegawa E, Yamanouchi M, Sawa N, Takaichi K, Ohashi K: Complete remission of MPO-ANCA-associated crescentic glomerulonephritis complicated with rheumatoid arthritis using a humanized anti-interleukin 6 receptor antibody
The Asia Pacific Meeting of Vasculitis and ANCA Workshop, November 2012, Tokyo, Japan
3. **Sumida K**, Ubara Y, Mise K, Kawada M, Suwabe T, Hoshino J, Takaichi K: Cinacalcet Induces Apoptosis of Parathyroid Cells through Increased Expression of FGF Receptor 1 in Hyperplastic Parathyroid Glands from Uremic Patients
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4. Mise K, Hoshino J, Ubara Y, Kawada M, Hiramatsu R, Ueno T, **Sumida K**, Suwabe T, Hara S, Takaichi K: Clinical Significance of Linear Immunofluorescent IgG Staining in Patients with Diabetic Nephropathy
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5. **Sumida K**, Hoshino J, Suwabe T, Mise K, Takaichi K, Ubara Y: High Prevalence of Sleep-Disordered Breathing and Its Association with Liver and Kidney Volume in Patients with Autosomal Dominant Polycystic Kidney Disease
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6. **Sumida K**, Molnar MZ, Potukuchi PK, Thomas F, Lu JL, Ravel VA, Soohoo M, Rhee CM, Streja E, Agodoa L, Abbott KC, Eggers PW, Kalantar-Zadeh K, Kovesdy CP: Association of eGFR Decline with Post Dialysis Mortality in Late-Stage CKD Patients Who Transitioned to ESRD

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7. **Sumida K**, Molnar MZ, Potukuchi PK, Thomas F, Lu JL, Rhee CM, Streja E, Yamagata K, Kalantar-Zadeh K, Kovesdy CP: Pre-ESRD Systolic Blood Pressure and Post-ESRD Mortality in Advanced CKD Patients Transitioning to Dialysis.
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 8. **Sumida K**, Kwak L, Grams M, Yamagata K, Kovesdy CP, Coresh J, Matsushita K: Lung Function and Incident Kidney Disease: The Atherosclerosis Risk in Communities (ARIC) Study.
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 10. Kovesdy CP, Naseer A, **Sumida K**, Molnar MZ, Potukuchi PK, Thomas F, Streja E, Heung M, Abbott KC, Saran R, Kalantar-Zadeh K: Acute Kidney Injury Precipitating Initiation of Chronic Maintenance Hemodialysis
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 11. Molnar MZ, Naseer A, **Sumida K**, Potukuchi PK, Gaipov A, Streja E, Kalantar-Zadeh K, Kovesdy CP: Association between pre-ESRD RAAS blockade and post-ESRD mortality
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 12. Gosmanova EO, Molnar MZ, Potukuchi PK, Streja E, **Sumida K**, Kalantar-Zadeh K, Kovesdy CP: Continuation of statin therapy initiated in pre-ESRD period and all-cause and cardiovascular mortality after transition to dialysis
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15. Thomas F, Potukuchi PK, Dashputre A, **Sumida K**, Molnar MZ, Streja E, Kalantar-Zadeh K, Kovesdy CP: Renal outcomes associated with Direct Acting Antiviral therapy in patients with Hepatitis C virus infection
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16. Kendrick J, Shrestha P, **Sumida K**, Thomas F, Lu JL, Furgeson S, Kalantar-Zadeh K, Kovesdy CP: Association of Leukotriene Antagonist Use with the Incidence of End Stage Kidney Disease
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Abstracts - poster presentation

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3. Hoshino J, **Sumida K**, Hiramatsu R, Takemoto F, Yamagata K, Ubara Y: Characteristics of Revascularization Treatment for Arteriosclerosis Obliterans in Patients with and without Hemodialysis
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8. **Sumida K**, Ubara Y, Hoshino J, Hayami N, Suwabe T, Hiramatsu R, Hasegawa E, Yamanouchi M, Sawa N, Takaichi K, Oohashi K: MPO-ANCA-associated crescentic glomerulonephritis in ADPKD patients
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26. Hoshino J, Fujii T, Usui J, Kawada M, Mise K, **Sumida K**, Suwabe T, Suzuki S, Takaichi K, Ubara Y, Yamagata K: Could Tonsillectomy plus Methylprednisolone Pulse Therapy Improve Renal Outcome in Patients with IgA Nephropathy? Results from 15-Year Follow-Up Study
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American Society Nephrology 47th Annual Kidney Week Meeting, November 2014, Philadelphia, PA
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32. Hoshino J, Mise K, Ueno T, **Sumida K**, Yamanouchi M, Hayami N, Suwabe T, Hara S, Ubara Y, Takaichi K: A Pathological Scoring System to Predict Renal Outcome in Diabetic Nephropathy
American Society Nephrology 48th Annual Kidney Week Meeting, November 2015, San Diego, CA
33. Gyamlani G, Molnar MZ, Lu JL, **Sumida K**, Kalantar-Zadeh K, Kovesdy CP: Association of Serum Albumin Level and Venous Thromboembolic Events in Seven-Thousand Patients with Nephrotic Syndrome
American Society Nephrology 48th Annual Kidney Week Meeting, November 2015, San Diego, CA
34. Gosmanov A, Lu JL, Molnar MZ, **Sumida K**, Potukuchi PK, Kalantar-Zadeh K, Kovesdy CP: Independent Association of Systolic Blood Pressure and Hemoglobin A1c Levels on Clinical Outcomes in Diabetic Patients with Normal Kidney Function
American Society Nephrology 48th Annual Kidney Week Meeting, November 2015, San Diego, CA
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American Society Nephrology 48th Annual Kidney Week Meeting, November 2015, San Diego, CA
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American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
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American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
38. **Sumida K**, Molnar MZ, Potukuchi PK, Thomas F, Lu JL, Streja E, Yamagata K, Kalantar-Zadeh K, Kovesdy CP: Higher Pre-ESRD Visit-to-Visit Variability in Systolic Blood Pressure Is Associated with Increased Post-ESRD Mortality in Advanced CKD Patients Transitioning to Dialysis
American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
39. Lu JL, Kovesdy CP, Molnar MZ, **Sumida K**, Potukuchi PK, Streja E, Kalantar-Zadeh K: Association of the Frequency of Pre-ESRD Medical Care with Post-ESRD All-Cause and

CV Mortality

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40. Arif FM, Molnar MZ, **Sumida K**, Potukuchi PK, Lu JL, Gyamlani GG, Hassan F, Thomas F, Streja E, Kalantar-Zadeh K, Kovesdy CP: Outcomes Associated with Inpatient versus Outpatient Hemodialysis Initiation in a Large Incident ESRD Cohort
American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
41. Saleh TH, Molnar MZ, **Sumida K**, Lu JL, Potukuchi PK, Streja E, Kalantar-Zadeh K, Kovesdy CP: Vascular Access and Mortality in Elderly Incident ESRD Patients
American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
42. Potukuchi PK, **Sumida K**, Molnar MZ, Lu JL, Thomas F, Rhee CM, Soohoo M, Streja E, Kalantar-Zadeh K, Kovesdy CP: Testosterone Replacement Therapy Is Associated with Less Progression of Chronic Kidney Disease
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American Society Nephrology 49th Annual Kidney Week Meeting, November 2016, Chicago, IL
44. Molnar MZ, **Sumida K**, Gaipov A, Potukuchi PK, Lu JL, Streja E, Kalantar-Zadeh K, Kovesdy CP: Pre-ESRD Dementia and Post-ESRD Mortality in Advanced CKD Patients Transitioning to Dialysis
ERA-EDTA 54th Congress, Madrid, Spain, June 3-6, 2017
45. Obi Y, Park C, Soohoo M, Streja E, Rhee CM, **Sumida K**, Kovesdy CP, Kalantar-Zadeh K: Association of Pre-ESRD Serum Calcium With Post-ESRD Mortality in Late-Stage CKD
ERA-EDTA 54th Congress, Madrid, Spain, June 3-6, 2017
46. Oshima Y, **Sumida K**, Yamanouchi M, Hoshino J, Ubara Y: Cetirizine and Montelukast Combination Therapy in Patients with Minimal Change Nephrotic Syndrome Concomitant with Allergic Disorders: A Single Center Study
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
47. Hoshino J, Kunizawa K, Oguro M, Sekine A, **Sumida K**, Yamanouchi M, Ubara Y: Efficacy of Denosumab for Dialysis Patients with Osteoporosis
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
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American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New

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49. Potukuchi PK, **Sumida K**, Molnar MZ, Gaipov A, Park F, Moradi H, Kaplan C, Thomas F, Streja E, Soohoo M, Kalantar-Zadeh K, Kovesdy CP: Cannabis use and its association with clinical characteristics and post-ESRD mortality
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
 50. Gaipov A, Molnar MZ, Potukuchi PK, **Sumida K**, Akbilgic O, Streja E, Rhee CM, Canada R, Kalantar-Zadeh K, Kovesdy CP: Acute kidney injury following CABG versus PCI in advanced CKD patients
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 51. Molnar MZ, Naseer A, **Sumida K**, Riezenman AR, Wall BM, Potukuchi PK, Gaipov A, Streja E, Kalantar-Zadeh K, Kovesdy CP: Complications of RAAS blockade in patients with advanced CKD
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 52. **Sumida K**, Yamamoto S, Akizawa T, Fukuhara S, Fukuma S: Change in Body Mass Index and Subsequent Risk of Hospitalization in Elderly Hemodialysis Patients: The Japanese Dialysis Outcome and Practice Patterns Study (J-DOPPS)
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
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American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
 54. **Sumida K**, Molnar MZ, Potukuchi PK, George K, Thomas F, Lu JL, Yamagata K, Kalantar-Zadeh K, Kovesdy CP: Changes in Albuminuria and Subsequent Risk of Incident Kidney Disease
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
 55. **Sumida K**, Molnar MZ, Potukuchi PK, Hassan F, Thomas F, Yamagata K, Kalantar-Zadeh K, Kovesdy CP: Biologic Use and Incident Chronic Kidney Disease in Rheumatoid Arthritis
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
 56. **Sumida K**, Molnar MZ, Potukuchi PK, Thomas F, Gosmanova EO, Sim JJ, Yamagata K, Kalantar-Zadeh K, Kovesdy CP: Pre-ESRD systolic blood pressure trajectory and post-ESRD mortality
American Society Nephrology 50th Annual Kidney Week Meeting, November 2017, New Orleans, LA
 57. Potukuchi PK, **Sumida K**, Molnar MZ, Gaipov A, Park F, Kaplan C, Moradi H, Thomas

- F, Gatwood J, Streja E, Soohoo M, Kalantar-Zadeh K, Kovesdy CP: Cannabis Use and Its Association with Incidence of AKI in Advanced CKD Patients Transitioning to ESRD American Society Nephrology 51th Annual Kidney Week Meeting, October 2018, San Diego, CA
58. Potukuchi PK, **Sumida K**, Molnar MZ, Gaipov A, Park F, Kaplan C, Moradi H, Thomas F, Gatwood J, Streja E, Kalantar-Zadeh K, Kovesdy CP: Cannabis Use and Its Association with eGFR Decline in Advanced CKD Patients Transitioning to ESRD American Society Nephrology 51th Annual Kidney Week Meeting, October 2018, San Diego, CA
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60. Potukuchi PK, Gaipov A, **Sumida K**, Molnar MZ, Thomas F, Gatwood J, Streja E, Rhee CM, Kalantar-Zadeh K, Kovesdy CP: Association Between Pre-ESRD Phosphodiesterase Type 5 Inhibitors Use and Post-ESRD Mortality American Society Nephrology 51th Annual Kidney Week Meeting, October 2018, San Diego, CA
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American Society Nephrology 56th Annual Kidney Week Meeting, November 2023, Philadelphia, PA
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American Society Nephrology 56th Annual Kidney Week Meeting, November 2023, Philadelphia, PA
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American Society Nephrology 56th Annual Kidney Week Meeting, November 2023, Philadelphia, PA