

Publications:

Gimeno AF, Hunley TE, Kelley JC. Hypercalcemia Secondary to Elevated PTHrP in an Infant Followed by Progression to Nephrotic Syndrome. JCEM Case Rep. 2024 May 3;2(5): PMC11066895.

Zhu Z, Bo-Ran Ho B, Chen A, Amrhein J, Apetrei A, Carpenter TO, Lazaretti-Castro M, Colazo JM, McCrystal Dahir K, Geßner M, Gurevich E, Heier CA, Simmons JH, Hunley TE, Hoppe B, Jacobsen C, Kouri A, Ma N, Majumdar S, Molin A, Nokoff N, Ott SM, Peña HG, Santos F, Tebben P, Topor LS, Deng Y, Bergwitz C. An update on clinical Presentation and responses to therapy of patients with hereditary hypophosphatemic rickets with hypercalciuria (HHRH). Kidney Int. 2024 May;105(5):1058-1076. PMC11106756.

Gefen AM, Sethna CB, Cil O, Perwad F, Schoettler M, Michael M, Angelo JR, Safdar A, Amlie-Wolf L, Hunley TE, Ellison JS, Feig D, Zaritsky J. Genetic testing in children with nephrolithiasis and nephrocalcinosis. Pediatr Nephrol. 2023 Aug;38(8):2615-2622. PMC11071637.

Hayes J, Mahoney AB, Ayers C, Sarma A, Ess KC, Hunley TE, Smith CM. A rare cause of posterior reversible encephalopathy syndrome: Acute lymphoblastic leukemia. Clin Case Rep. 2023 Nov 20;11(11):e8238. PMC10659917.

Ishimwi JA, Zhong J, Kon V, Kirabo. Murine Fecal Isolation and Microbiota Transplantation. J Vis Exp. 2023. PMID: 37306423.

Zhong J, Shelton EL, Kirabo A, Kon V. Mechanisms of lymphatic endothelial cell junction transformations. Circulation Res Editorial comment. 2023. PMID: 37535754.

Van Beusecum JP, Rianto F, Teakell J, Kon V, Sparks MA, Hoorn EJ, Kirabo A, Ramkumar N. Novel Concepts in Nephron Sodium Transport: A Physiological and Clinical Perspective. Adv Kidney Dis Health. 2023 Mar;30(2):124-136. doi: 10.1053/j.akdh.2022.12.007. PMID: 36868728 Review.

Zhong J, Kirabo A, Yang H, Fogo AB, Shelton EL, Kon V. Intestinal lymphatic dysfunction in kidney disease. Circ Res. 2023. PMID: 37104557

Research:

Hunley

2021- 2023 Co-Investigator, Prevalence of positive genetic testing in patients with a History of Nephrocalcinosis. Multicenter study sponsored by Cohen Children's Medical Center, Northwell Health, Queens, NY

2022- HIKO STEC: Hyperhydration to Improve Kidney Outcomes in Shiga Toxin-producing E.coli Infection. NIH-sponsored multi-center study to assess if high volume intravenous

fluid administration may be effective in mitigating or preventing complications of shiga toxin-producing E.coli infection.

Kon

2021-2025 NHLBI, 2P01HL116263, "HDL Function in Human Disease," Project leader: Valentina Kon, M.D. Total amount awarded: \$12,699,620.00, 01/15/2021-12/31/2025

2023-2028 NIDDK R01 DK135764, "Salt Mediated Cross Talk Between Lymphatic Vessels and Immune Cells in Kidney Disease" PI: Valentina Kon, Annet Kirabo, Elaine Shelton. Total amount awarded: \$ 4,310,643, 04/01/2023-03/31/2028

Presentations:

Kon

Rachelle Crescenzi, Elaine L. Shelton and Valentina Kon. LEARN Conference March 6 – "Leveraging basic science to improve management of lymphedema." March 6, 2024

Valentina Kon. Invited Lecture "Modified Lipoproteins in Interorgan Crosstalk." UW Diabetes Center's Annual Symposium University of Washington, Seattle, Washington May 4-5, 2023

Elaine L. Shelton and Valentina Kon. "Lymphatics in Interorgan Crosstalk: Gut-Kidney Axis." Vanderbilt University Medical Center Pediatric Research Conference. March 18, 2024

Jianyong Zhong, Hai-Chun Yang, Elaine L. Shelton, Valentina Kon. "Glucocorticoid treatment induces lymphatic dysfunction via ATP-sensitive potassium channels." American Society of Nephrology Annual Kidney Week Meeting, Philadelphia Pennsylvania, November 1-5, 2023

VanDeVoorde

2016-Present Pediatric residency noon lectures, MCJCHV, 2-3 one hour lectures/year

03/2024 Infant Dialysis, Neonatology Fellows, MCJCHV

09/2023 Pediatric Nephrology Board Review Course (on-line), lecturer on Chronic Kidney Disease

Brucoleri R, Kopatic M, Laws J, VanDeVoorde R, Jabs K, Miller M, Bridges B, Betters K, King J, Williams S. "Plasmapheresis as Part of a Multimodal Treatment Strategy for Refractory Calcium Channel Blocker Poisoning." Poster, North American Congress of Clinical Toxicology (NACCT), Sept 2023, Montreal, Quebec, Canada.

Laws J, King J, Brucoleri R, VanDeVoorde R, Bridges B. "Therapeutic Plasma Exchange for Refractory Verapamil Poisoning." Poster, 34th ExtraCorporeal Life Support Organization (ELSO) Conference, Sept 2023, Seattle, WA.

Laws J, King J, Bruccoleri R, VanDeVoorde R, Bridges B. “Therapeutic Plasma Exchange for Refractory Verapamil Poisoning.” Presentation, 2024 Critical Care Congress, Jan 2024, Phoenix, AZ.