

2025	
1.	Pati P, De Miguel C, Paul JR, Zhang D, Colson J, Allan JM, Edell CJ, Rhoads MK, Dunaway LS, Biswal SN, Zhong Y, Sedaka R, Millender-Swain T, Bailey SM, Gamble KL, Pollock DM, Pollock JS. JCI Insight. 2025 Jan 7;10(4):e160257. doi: 10.1172/jci.insight.160257. PMID: 39812779 PMCID: PMC11949066
2.	Li C, Fang Y, Chen YM. Am J Pathol. 2025 Apr;195(4):615-625. doi: 10.1016/j.ajpath.2024.12.011. Epub 2025 Jan 13. PMID: 39814099 PMCID: PMC11959421 (available on 2026-04-01)
3.	Katagiri D, Nagasaka S, Takahashi K, Shimizu A, Harris RC, Takahashi T. Cureus. 2025 Jan 29;17(1):e78207. doi: 10.7759/cureus.78207. eCollection 2025 Jan. PMID: 40027018 PMCID: PMC11870776
4.	González-Seguel F, Tran VQ, Pal CA, Shareef ZT, Israel HP, Horikawa-Strakovsky A, Wen Y, Griffin BR, Neyra JA, Teixeira JP, Mayer KP. Ren Fail. 2025 Dec;47(1):2472990. doi: 10.1080/0886022X.2025.2472990. Epub 2025 Mar 11. PMID: 40069097 PMCID: PMC11899198
5.	Donnan MD, Deb DK, Dalal V, David V, Prociassi D, Quaggin SE. Arterioscler Thromb Vasc Biol. 2025 Jan;45(1):104-112. doi: 10.1161/ATVBAHA.124.319743. Epub 2024 Nov 14. PMID: 39540281 PMCID: PMC11668614 (available on 2026-01-01)
6.	Takahashi K, Yu A, Otsuka T, Pasic L, Narui C, He L, Ellinger P, Grundmann M, Harris RC, Takahashi T. BMC Nephrol. 2025 Mar 31;26(1):165. doi: 10.1186/s12882-025-04070-x. PMID: 40165104 PMCID: PMC11959730
7.	Takeuchi T, Rahman AKMF, Ghazi L, Moe OW, Toto RD, Siew ED, Neyra JA, Gutierrez OM. Clin Kidney J. 2025 Jan 23;18(2):sf4e426. doi: 10.1093/ckj/sf4e426. eCollection 2025 Feb. PMID: 39935738 PMCID: PMC11811520
8.	Rhee H, Macedo E, Cutter G, Judd E, Parameswaran S, Maccariello E, Liu WJ, Selby NM, Bouchard J, Garcia-Garcia G, Neyra JA, Manjusha Y, Abraham J, Doi K, Villamizar G, Hurtado A, Mehta RL; COVID-19 Global Snapshot Investigators. J Clin Med. 2025 Feb 12;14(4):1212. doi: 10.3390/jcm14041212. PMID: 40004744 PMCID: PMC11856477
2024	
1.	Billing AM, Kim YC, Gullaksen S, Schrage B, Raabe J, Hutzfeldt A, Demir F, Kovalenko E, Lassé M, Dugourd A, Fallegger R, Klampe B, Jaegers J, Li Q, Kravtsova O, Crespo-Masip M, Palermo A, Fenton RA, Hoxha E, Blankenberg S, Kirchhof P, Huber TB, Laugesen E, Zeller T, Chrysopoulou M, Saez-Rodriguez J, Magnussen C, Eschenhagen T, Staruschenko A, Siuzdak G, Poulsen PL, Schwab C, Cuello F, Vallon V, Rinschen MM. Circulation. 2024 Mar 12;149(11):860-884. doi: 10.1161/CIRCULATIONAHA.123.065517. Epub 2023 Dec 28 PMID: 38152989 PMCID: PMC10922673
2.	Darshi M, Kugathasan L, Maity S, Sridhar VS, Fernandez R, Limonte CP, Grajeda BI, Saliba A, Zhang G, Drel VR, Kim JJ, Montellano R, Tumova J, Montemayor D, Wang Z, Liu JJ, Wang J, Perkins BA, Lytvyn Y, Natarajan L, Lim SC, Feldman H, Toto R, Sedor JR, Patel J, Waikar SS, Brown J, Osman Y, He J, Chen J, Reeves WB, de Boer IH, Roy S, Vallon V, Hallan S, Gelfond JA, Cherney DZ, Sharma K; Kidney Precision Medicine Project, and the CRIC Study Investigators. JCI Insight. 2024 Jun 10;9(11):e168825. doi: 10.1172/jci.insight.168825. PMID: 38855868 PMCID: PMC11382878
3.	Pelusio C, Endres P, Neyra JA, Allegretti AS. Adv Kidney Dis Health. 2024 Mar;31(2):133-138. doi: 10.1053/j.akdh.2024.01.003. PMID: 38649217 PMCID: PMC11103613
4.	Oe Y, Kim YC, Sidorenko VS, Zhang H, Kanoo S, Lopez N, Goodluck HA, Crespo-Masip M, Vallon V. Am J Physiol Renal Physiol. 2024 Feb 1;326(2):F227-F240. doi: 10.1152/ajprenal.00228.2023. Epub 2023 Nov 30. PMID: 38031729 PMCID: PMC11198975
5.	Heruye SH, Myslinski J, Zeng C, Zollman A, Makino S, Nanamatsu A, Mir Q, Janga SC, Doud EH, Eadon MT, Maier B, Hamada M, Tran TM, Dagher PC, Hato T. J Clin Invest. 2024 Sep 3;134(17):e180117. doi: 10.1172/JCI180117. PMID: 38954486 PMCID: PMC11364396
6.	Raina R, Shah R, Nemer P, Fehlmen J, Nemer L, Murra A, Tibrewal A, Sethi SK, Neyra JA, Koyner J. Clin Kidney J. 2024 May 17;17(6):sf4e150. doi: 10.1093/ckj/sf4e150. eCollection 2024 Jun. PMID: 38903953 PMCID: PMC11187489
7.	Cheung WW, Zhou P, Zheng R, Gertler A, Oliveira EA, Mak RH. J Cachexia Sarcopenia Muscle. 2024 Dec;15(6):2447-2459. doi: 10.1002/jcsm.13579. Epub 2024 Aug 29. PMCID: PMC11634524

8.	Katagiri D, Nagasaka S, Takahashi K, Wang S, Pozzi A, Zent R, Shimizu A, Zhang MZ, Göthert JR, van Kuppevelt TH, Harris RC, Takahashi T. <i>Sci Rep.</i> 2024 Nov 25;14(1):29179. doi: 10.1038/s41598-024-79501-0. PMID: 39587144 PMCID: PMC11589149
9.	Srivastava T, Garola RE, Zhou J, Boinpelly VC, Rezaiekhalegh MH, Joshi T, Jiang Y, Ebadi D, Sharma S, Sethna C, Staggs VS, Sharma R, Gipson DS, Hao W, Wang Y, Mariani LH, Hodgins JB, Rottapel R, Yoshitaka T, Ueki Y, Sharma M. <i>JCI Insight.</i> 2024 Feb 8;9(3):e170055. doi: 10.1172/jci.insight.170055. PMID: 38127456 PMCID: PMC10967477
10.	Lima C, Santos Ferreira G, Vattimo MFF, de Paiva Haddad LB, Malbouisson LM, Carneiro D'Albuquerque LA, Maciel AT, Macedo E. <i>Ren Fail.</i> 2024 Dec;46(2):2402076. doi: 10.1080/0886022X.2024.2402076. Epub 2024 Sep 17. PMID: 39287102 PMCID: PMC11409416
11.	Bullen AL, Vaingankar S, Madero M, Lopez Gil S, Macedo E, Ix JH, Rifkin DE, Garimella PS. <i>Nephron.</i> 2024;148(7):443-447. doi: 10.1159/000534578. Epub 2023 Dec 1. PMID: 38043509 PMCID: PMC11216347
12.	Kanoo S, Goodluck H, Kim YC, Garrido AN, Crespo-Masip M, Lopez N, Zhang H, Gonzalez-Villalobos RA, Ma LJ, Vallon V. <i>Nephron.</i> 2024;148(9):631-642. doi: 10.1159/000536522. Epub 2024 Feb 1. PMID: 38301618 PMCID: PMC11291698
13.	Neyra JA, Gewin L, Ng JH, Barreto EF, Freshly B, Willett J, Abdel-Rahman EM, McCoy I, Kwong YD, Silver SA, Cerda J, Vijayan A. <i>Kidney360.</i> 2024 Feb 1;5(2):274-284. doi: 10.34067/KID.0000000000000332. Epub 2023 Dec 6. PMID: 38055734 PMCID: PMC10914193
14.	Ghazi L, Parcha V, Takeuchi T, Butler CR, Baker E, Oates GR, Juarez LD, Nassel AF, Rahman AF, Siew ED, Chen X, Gutierrez OM, Neyra JA. <i>Clin J Am Soc Nephrol.</i> 2024 Nov 1;19(11):1371-1381. doi: 10.2215/CJN.0000000000000528. Epub 2024 Sep 11. PMID: 39259609 PMCID: PMC11556918
15.	Moore KH, Boitet LM, Chandrashekar DS, Traylor AM, Esman SK, Erman EN, Srivastava RK, Khan J, Athar M, Agarwal A, George JF. <i>J Pharmacol Exp Ther.</i> 2024 Jan 17;388(2):605-612. doi: 10.1124/jpet.123.001742. PMID: 37699712 PMCID: PMC10801764
16.	Donnan MD, Deb DK, Dalal V, David V, Prociassi D, Quaggin SE. <i>Arterioscler Thromb Vasc Biol.</i> 2025 Jan;45(1):104-112. doi: 10.1161/ATVBAHA.124.319743. Epub 2024 Nov 14. PMID: 39540281 PMCID: PMC11668614
17.	Barreto EF, Cerda J, Freshly B, Gewin L, Kwong YD, McCoy IE, Neyra JA, Ng JH, Silver SA, Vijayan A, Abdel-Rahman EM. <i>Kidney360.</i> 2024 Jan 1;5(1):124-132. doi: 10.34067/KID.0000000000000309. Epub 2023 Nov 21. PMID: 37986185 PMCID: PMC10833609
18.	Tolbert GB, Jayawardana SB, Lee Y, Sun J, Qu F, Whitt LM, Shafaat HS, Wijeratne GB. <i>Chemistry.</i> 2024 Dec 5;30(68):e202402310. doi: 10.1002/chem.202402310. Epub 2024 Nov 12. PMID: 39222484 PMCID: PMC11747931 (available on 2025-12-05)
19.	Linder BA, Stute NL, Hutchison ZJ, Barnett AM, Tharpe MA, Kavazis AN, Kirkman DL, Gutierrez OM, Robinson AT. <i>Am J Physiol Renal Physiol.</i> 2024 Jan 1;326(1):F135-F142. doi: 10.1152/ajprenal.00186.2023. Epub 2023 Nov 9. PMID: 37942539 PMCID: PMC11198989
20.	Webb TN, Borasino S, Hock KM, Aban I, Ingram D, Short K, Dabal R, Askenazi D. <i>Pediatr Nephrol.</i> 2024 Jul;39(7):2245-2251. doi: 10.1007/s00467-024-06327-3. Epub 2024 Mar 4. PMID: 38438560 PMCID: PMC11147869
2023	
21.	Portales-Castillo I, Rieg T, Khalid SB, Nigwekar SU, Neyra JA. <i>Physiopathology of Phosphate Disorders.</i> <i>Adv Kidney Dis Health.</i> 2023 Mar;30(2):177-188. PMID: 36868732 PMCID: PMC10565570
22.	Cheruku SR, Raphael J, Neyra JA, Fox AA. <i>Anesthesiology.</i> 2023 Dec 1;139(6):880-898. doi: 10.1097/ALN.0000000000004734. PMID: 37812758 PMCID: PMC10841304
23.	Billing AM, Kim YC, Gullaksen S, Schrage B, Raabe J, Hutzfeldt A, Demir F, Kovalenko E, Lassé M, Dugourd A, Fallegger R, Klampe B, Jaegers J, Li Q, Kravtsova O, Crespo-Masip M, Palermo A, Fenton RA, Hoxha E, Blankenberg S, Kirchhof P, Huber TB, Laugesen E, Zeller T, Chrysopoulou M, Saez-Rodriguez J, Magnussen C, Eschenhagen T, Staruschenko A, Siuzdak G, Poulsen PL, Schwab C, Cuellar F, Vallon V, Rinschen MM. <i>Circulation.</i> 2024 Mar 12;149(11):860-884. doi: 10.1161/CIRCULATIONAHA.123.065517. Epub 2023 Dec 28. PMID: 38152989 PMCID: PMC10922673
24.	Patidar KR, Belcher JM, Regner KR, St Hillien SA, Simonetto DA, Asrani SK, Neyra JA, Sharma P, Velez JCQ, Wadei H, Nadim MK, Chung RT, Seethapathy R, Parada XV, Ouyang T, Ufere NN, Robinson JE, McLean Diaz P, Wilechansky RM, Przybyszewski EM, Smith TN, Ali AA, Orman ES, Schulz P, Siddiqui SM, Shabbir R, Liu LJ, Cama-Olivares A, Flannery AH, Baker ML, Gunasekaran D, Aswine A, Issa R, Li J,

Verma S, Chalmers D, Varghese V, Lam W, Mohamed M, Kovacic R, Gaddy A, Attieh RM, Cortes P, Semnani S, Wang L, Khemichian S, Allegretti AS; from the HRS-HARMONY consortium. <i>J Hepatol.</i> 2023 Dec;79(6):1408-1417. doi: 10.1016/j.jhep.2023.07.010. Epub 2023 Jul 28. PMID: 37517455 PMCID: PMC10807505
25. Kim Y, Li C, Gu C, Fang Y, Tycksen E, Puri A, Pietka TA, Sivapackiam J, Kidd K, Park SJ, Johnson BG, Kmoch S, Duffield JS, Bleyer AJ, Jackrel ME, Urano F, Sharma V, Lindahl M, Chen YM. <i>Nat Commun.</i> 2023 Oct 14;14(1):6493. doi: 10.1038/s41467-023-42154-0. PMID: 37838725 PMCID: PMC10576802
26. Neyra JA, Moe OW. <i>Nephron.</i> 2023;147(12):747-753. doi: 10.1159/000534228. Epub 2023 Sep 27. PMID: 37757785
27. Neyra JA, Mehta RL, Murugan R. <i>Nephron.</i> 2023;147(12):782-787. doi: 10.1159/000534395. Epub 2023 Oct 4. PMID: 37793364
28. Oe Y, Kim YC, Sidorenko VS, Zhang H, Kanoo S, Lopez N, Goodluck HA, Crespo-Masip M, Vallon V. <i>Am J Physiol Renal Physiol.</i> 2024 Feb 1;326(2):F227-F240. doi: 10.1152/ajprenal.00228.2023. Epub 2023 Nov 30. PMID: 38031729 PMCID: PMC11198975
29. Oe Y, Vallon V. <i>Nephron.</i> 2023;147(12):774-777. doi: 10.1159/000531918. Epub 2023 Jul 25. PMID: 37490876 PMCID: PMC10808280
30. Pacl HT, Chinta KC, Reddy VP, Nadeem S, Sevalkar RR, Nargan K, Lumamba K, Naidoo T, Glasgow JN, Agarwal A, Steyn AJC. <i>Nat Commun.</i> 2023 Sep 6;14(1):5472. doi: 10.1038/s41467-023-40545-x. PMID: 37673914 PMCID: PMC10482943
31. Kashani KB, Awdishu L, Bagshaw SM, Barreto EF, Claire-Del Granado R, Evans BJ, Forni LG, Ghosh E, Goldstein SL, Kane-Gill SL, Koola J, Koyner JL, Liu M, Murugan R, Nadkarni GN, Neyra JA, Ninan J, Ostermann M, Pannu N, Rashidi P, Ronco C, Rosner MH, Selby NM, Shickel B, Singh K, Soranno DE, Sutherland SM, Bihorac A, Mehta RL. <i>Nat Rev Nephrol.</i> 2023 Dec;19(12):807-818. doi: 10.1038/s41581-023-00744-7. Epub 2023 Aug 14. PMID: 37580570 PMCID: PMC11285755
32. Baltazar S, Northrup H, Chang J, Somarathna M, Isayeva Waldrop T, Lee T, Shiu YT. <i>Sci Rep.</i> 2023 Dec 20;13(1):22786. doi: 10.1038/s41598-023-49573-5. PMID: 38123618 PMCID: PMC10733286
33. Li Y, Gu W, Hepokoski M, Pham H, Tham R, Kim YC, Simonson TS, Singh P. <i>Kidney360.</i> 2023 Aug 1;4(8):1080-1094. doi: 10.34067/KID.000000000000153. Epub 2023 May 24. PMID: 37222594 PMCID: PMC10476685
34. Robinson AT, Linder BA, Barnett AM, Jeong S, Sanchez SO, Nichols OI, McIntosh MC, Hutchison ZJ, Tharpe MA, Watso JC, Gutiérrez OM, Fuller-Rowell TE. <i>Am J Clin Nutr.</i> 2023 Oct;118(4):822-833. doi: 10.1016/j.ajcnut.2023.08.005. Epub 2023 Aug 22. PMID: 37619651 PMCID: PMC10579046
35. Heruye S, Myslinski J, Zeng C, Zollman A, Makino S, Nanamatsu A, Mir Q, Janga SC, Doud EH, Eadon MT, Maier B, Hamada M, Tran TM, Dagher PC, Hato T. <i>bioRxiv [Preprint].</i> 2023 Nov 9:2023.11.09.566426. doi: 10.1101/2023.11.09.566426. Update in: <i>J Clin Invest.</i> 2024 Sep 3;134(17):e180117. doi: 10.1172/JCI180117. PMID: 37986799 PMCID: PMC10659426
36. Patel R, Fu Y, Khang S, Benardeau AM, Thomson SC, Vallon V. <i>Nephron.</i> 2023;147(5):281-300. doi: 10.1159/000526934. Epub 2022 Oct 20. PMID: 36265461 PMCID: PMC10115913
37. Neyra JA, Gewin L, Ng JH, Barreto EF, Freshly B, Willett J, Abdel-Rahman EM, McCoy I, Kwong YD, Silver SA, Cerda J, Vijayan A. <i>Kidney360.</i> 2024 Feb 1;5(2):274-284. doi: 10.34067/KID.0000000000000332. Epub 2023 Dec 6. PMID: 38055734 PMCID: PMC10914193
38. Bullen AL, Vaingankar S, Madero M, Lopez Gil S, Macedo E, Ix JH, Rifkin DE, Garimella PS. <i>Nephron.</i> 2024;148(7):443-447. doi: 10.1159/000534578. Epub 2023 Dec 1. PMID: 38043509 PMCID: PMC11216347
39. Giles C, Novakovic M, Hopman W, Barreto EF, Beaubien-Souligny W, Birks P, Neyra JA, Wald R, Silver SA. <i>Can J Kidney Health Dis.</i> 2023 Sep 28;10:20543581231199018. doi: 10.1177/20543581231199018. eCollection 2023. PMID: 37781153 PMCID: PMC10540581
40. Xing D, Hage FG, Feng W, Guo Y, Oparil S, Sanders PW. Endothelial Cells Overexpressing CXCR1/2 are Renoprotective in Rats with Acute Kidney Injury. <i>Am J Physiol Renal Physiol.</i> 2023 Feb 16. doi: 10.1152/ajprenal.00238.2022. Online ahead of print. PMID: 36794755. PMCID: PMC9755056
41. Li Y, Liu P, Zhou Y, Maekawa H, Silva JB, Ansari MJ, Boubes K, Alia Y, Deb DK, Thomson BR, Jin J, Quaggin SE. Activation of Angiopoietin-Tie2 Signaling Protects the Kidney from Ischemic Injury by Modulation of Endothelial-Specific Pathways. <i>J Am Soc Nephrol.</i> 2023 Jun 1;34(6):969-987. Epub 2023 Feb 14. PMID: 36787763. PMCID: PMC10278803 (available on 2024-06-01)

42.	Singh P. Reprogramming of Energy Metabolism in Kidney Disease <i>Nephron</i> . 2023;147(1):61-64. doi: 10.1159/000526308. Epub 2022 Sep 5.PMID: 36063803 PMCID: PMC9928604 (available on 2024-01-01) PMCID: PMC9928604
43.	Barreto EF, Cerda J, Freshly B, Gewin L, Kwong YD, McCoy IE, Neyra JA, Ng JH, Silver SA, Vijayan A, Abdel-Rahman EM.Kidney360. 2024 Jan 1;5(1):124-132. doi: 10.34067/KID.0000000000000309. Epub 2023 Nov 21.PMID: 37986185 PMCID: PMC10833609
44.	Moore KH, Agarwal A. The Importance of Immune Checkpoint Molecule TIGIT in AKI. <i>Am Soc Nephrol</i> . 2023 May 1;34(5):725-727.Epub 2023 Apr 4. PMCID: PMC10125638 (available on 2024-05-01) PMCID: PMC10125638
45.	Neyra JA, Ortiz-Soriano V, Liu LJ, Smith TD, Li X, Xie D, Adams-Huet B, Moe OW, Toto RD, Chen J. Prediction of Mortality and Major Adverse Kidney Events in Critically Ill Patients With Acute Kidney Injury <i>Am J Kidney Dis</i> . 2023 Jan;81(1):36-47. doi: 10.1053/j.ajkd.2022.06.004. Epub 2022 Jul 19.PMID: 35868537 PMCID: PMC9780161 (available on 2024-01-01)
46.	Yashchenko A, Bland SJ, Song CJ, Ahmed UKB, Sharp R, Darby IG, Cordova AM, Smith ME, Lever JM, Li Z, Aloria EJ, Khan S, Maryam B, Liu S, Crowley MR, Jones KL, Zenewicz LA, George JF, Mrug M, Crossman DK, Hopp K, Stavrakis S, Humphrey MB, Ginhoux F, Zimmermann KA. <i>Cx3cr1</i> controls kidney resident macrophage heterogeneity. <i>Front Immunol</i> . 2023 May 15;14:1082078. doi: 10.3389/fimmu.2023.1082078. eCollection 2023.PMID: 37256130 PMCID: PMC10225589
47.	Li C, Krothapalli S, Chen YM. Targeting Endoplasmic Reticulum for Novel Therapeutics and Monitoring in Acute Kidney Injury <i>Nephron</i> . 2023;147(1):21-24. doi: 10.1159/000526050. Epub 2022 Sep 16.PMID: 36116429 PMCID: PMC9928598 (available on 2024-01-01) PMCID: PMC9928598
48.	Afolabi JM, Kanthakumar P, Williams JD, Kumar R, Soni H, Adebisi A. Post-injury Inhibition of Endothelin-1 Dependent Renal Vasoregulation Mitigates Rhabdomyolysis-Induced Acute Kidney Injury <i>Function (Oxf)</i> . 2023 May 4;4(4):zqad022. doi: 10.1093/function/zqad022. eCollection 2023.PMID: 37342410 PMCID: PMC10278989
49.	Bonde SS, Zaman W, Cuomo R, Malhotra R, Macedo E. Risk of de novo proteinuria following hospitalization with acute kidney injury. <i>BMC Nephrol</i> . 2023 Jun 15;24(1):176. doi: 10.1186/s12882-023-03209-y. PMCID: PMC10273748
50.	Feng W, Guan Z, Ying WZ, Xing D, Ying KE, Sanders PW. Matrix metalloproteinase-9 regulates afferent arteriolar remodeling and function in hypertension-induced kidney disease. <i>Kidney Int</i> . 2023 Jul 7:S0085-2538(23)00489-1. doi: 10.1016/j.kint.2023.06.031. Online ahead of print. PMID: 37423509 PMCID: PMC10854403
51.	Kim YC, Fattah H, Fu Y, Nespoux J, Vallon V. Expression of leptin receptor in renal tubules is sparse but implicated in leptin-dependent kidney gene expression and function. Kim YC, Fattah H, Fu Y, Nespoux J, Vallon V. <i>Am J Physiol Renal Physiol</i> . 2023 Jun 1;324(6):F544-F557.Epub 2023 Apr 27.PMID: 37102688 PMCID: PMC10228677 (available on 2024-06-01)
52.	Ortiz-Soriano V, Cama-Olivares A, Liu LJ, Armentrout B, Colohan D, Paladiya R, Babroudi S, Aycinena JC, Neyra JA The Optimization of Outpatient Hemodialysis Management for Acute Kidney Injury Requiring Dialysis Patients: A Quality Improvement Study. <i>Am J Nephrol</i> . 2023;54(3-4):95-105. Epub 2023 Apr 8.PMID: 37031677
53.	Patel R, Fu Y, Khang S, Benardeau AM, Thomson SC, Vallon V Responses in Blood Pressure and Kidney Function to Soluble Guanylyl Cyclase Stimulation or Activation in Normal and Diabetic Rats. <i>Nephron</i> . 2023;147(5):281-300. Epub 2022 Oct 20.PMID: 36265461 PMCID: PMC10115913 (available on 2024-01-01)
54.	Kidwell A, Yadav SPS, Maier B, Zollman A, Ni K, Halim A, Janosevic D, Myslinski J, Syed F, Zeng L, Waffo AB, Banno K, Xuei X, Doud EH, Dagher PC, Hato T. Translation Rescue by Targeting Ppp1r15a through Its Upstream Open Reading Frame in Sepsis-Induced Acute Kidney Injury in a Murine Model <i>J Am Soc Nephrol</i> . 2023 Feb 1;34(2):220-240. doi: 10.1681/ASN.2022060644. Epub 2022 Oct 31.PMID: 36283811 PMCID: PMC10103092
55.	Linder BA, Stute NL, Hutchison ZJ, Barnett AM, Tharpe MA, Kavazis AN, Kirkman DL, Gutierrez OM, Robinson AT.Am J Physiol Renal Physiol. 2024 Jan 1;326(1):F135-F142. doi: 10.1152/ajprenal.00186.2023. Epub 2023 Nov 9.PMID: 37942539 PMCID: PMC11198989
56.	Khan MB, Scherzer R, Lewis CE, Malhotra R, Ix JH, Shlipak MG, Gutiérrez OM Associations of Urine Biomarkers of Kidney Tubule Health With Incident Hypertension and Longitudinal Blood Pressure Change in Middle-Aged Adults: The CARDIA Study. <i>Hypertension</i> . 2023 Jun;80(6):1353-1362. Epub 2023 Mar 29.PMID: 36987923 PMCID: PMC10192098 (available on 2024-06-01)

57. Askenazi DJ, Halloran BA, Heagerty PJ, Schmicker RH, Juul SE, Hingorani S, Goldstein SL; PENUT Trial Consortium. Urine acute kidney injury biomarkers in extremely low gestational age neonates: a nested case control study of 21 candidate urine biomarkers <i>Pediatr Nephrol</i> . 2023 Apr;38(4):1329-1342. doi: 10.1007/s00467-022-05688-x. Epub 2022 Aug 1. PMID: 35913564
58. Teixeira JP, Griffin BR, Pal CA, González-Seguel F, Jenkins N, Jones BM, Yoshida Y, George N, Israel HP, Ghazi L, Neyra JA, Mayer KP. Critical illness myopathy and trajectory of recovery in acute kidney injury requiring continuous renal replacement therapy: a prospective observational trial protocol. <i>BMJ Open</i> . 2023 May 22;13(5):e072448. PMID: 37217272 PMCID: PMC10230984
59. Su CC, Chen JY, Chen SY, Shiao CC, Neyra JA, Matsuura R, Noiri E, See E, Chen YT, Hsu CK, Pan HC, Chang CH, Rosner MH, Wu VC. Outcomes associated with acute kidney disease: A systematic review and meta-analysis <i>EClinicalMedicine</i> . 2022 Dec 13;55:101760. doi: 10.1016/j.eclim.2022.101760. eCollection 2023 Jan. PMID: 36531983 PMCID: PMC9755056
2022
60. Morioka S, Kajioka D, Yamaoka Y, Ellison RM, Tufan T, Werkman IL, Tanaka S, Barron B, Ito ST, Kucenas S, Okusa MD, Ravichandran KS. Chimeric efferocytic receptors improve apoptotic cell clearance and alleviate inflammation. <i>Cell</i> . 2022 Dec 22;185(26):4887-4903.e17. doi: 10.1016/j.cell.2022.11.029. PMID: 36563662
61. Bullen AL, Katz R, Kumar U, Gutierrez OM, Sarnak MJ, Kramer HJ, Shlipak MG, Ix JH, Judd SE, Cushman M, Garimella PS. Lipid accumulation product, visceral adiposity index and risk of chronic kidney disease <i>BMC Nephrol</i> . 2022 Dec 15;23(1):401. doi: 10.1186/s12882-022-03026-9. PMID: 36522626 PMCID: PMC9753382
62. Beaubien-Souligny W, Trott T, Neyra JA. How to Determine Fluid Management Goals during Continuous Kidney Replacement Therapy in Patients with AKI: Focus on POCUS <i>Kidney360</i> . 2022 Jul 19;3(10):1795-1806. doi: 10.34067/KID.0002822022. eCollection 2022 Oct 27. PMID: 36514727 PMCID: PMC9717662
63. Neyra JA, Chen J, Bagshaw SM, Koyner JL. Risk Classification and Subphenotyping of Acute Kidney Injury: Concepts and Methodologies <i>Semin Nephrol</i> . 2022 May;42(3):151285. doi: 10.1016/j.semnephrol.2022.10.011. Epub 2022 Dec 5. PMID: 36470740
64. Cheung MD, Agarwal A, George JF. Where Are They Now: Spatial and Molecular Diversity of Tissue-Resident Macrophages in the Kidney <i>Semin Nephrol</i> . 2022 May;42(3):151276. doi: 10.1016/j.semnephrol.2022.10.002. Epub 2022 Nov 24. PMID: 36435683
65. Oe Y, Vallon V. The Pathophysiological Basis of Diabetic Kidney Protection by Inhibition of SGLT2 and SGLT1 <i>Kidney Dial</i> . 2022 Jun;2(2):349-368. doi: 10.3390/kidneydial2020032. Epub 2022 Jun 18. PMID: 36380914 PMCID: PMC9648862
66. Ghajar-Rahimi G, Traylor AM, Mathew B, Bostwick JR, Nebane NM, Zmijewska AA, Esman SK, Thukral S, Zhai L, Sambandam V, Cowell RM, Suto MJ, George JF, Augelli-Szafran CE, Agarwal A. Identification of Cytoprotective Small-Molecule Inducers of Heme-Oxygenase-1 <i>Antioxidants (Basel)</i> . 2022 Sep 23;11(10):1888. doi: 10.3390/antiox11101888. PMID: 36290611 PMCID: PMC9598442
67. Patel R, Fu Y, Khang S, Benardeau AM, Thomson SC, Vallon V. Responses in Blood Pressure and Kidney Function to Soluble Guanylyl Cyclase Stimulation or Activation in Normal and Diabetic Rats <i>Nephron</i> . 2022 Oct 20:1-20. doi: 10.1159/000526934. Online ahead of print. PMID: 36265461
68. Vallon V. Renoprotective Effects of SGLT2 Inhibitors. <i>Heart Fail Clin</i> . 2022 Oct;18(4):539-549. doi: 10.1016/j.hfc.2022.03.005. PMID: 36216484; PMCID: PMC9558099.
69. Mondal P, Rajapakse S, Wijeratne GB. (2022) Following Nature's Footprint: Mimicking the High-Valent Heme-Oxo Mediated Indole Monooxygenation Reaction Landscape of Heme Enzymes. <i>J Am Chem Soc</i> . Mar 9;144(9):3843-3854. doi: 10.1021/jacs.1c11068. Epub 2022 Feb 3. PMID: 35112858. PMCID: PMC9675724
70. de Souza Cordeiro LM, Bainbridge L, Devisetty N, McDougal DH, Peters DJM, Chhabra KH. (2022) Loss of function of renal Glut2 reverses hyperglycaemia and normalises body weight in mouse models of diabetes and obesity. <i>Diabetologia</i> . Jun;65(6):1032-1047. doi: 10.1007/s00125-022-05676-8. Epub 2022 Mar 15. PCID: PMC9081162.
71. Song CJ, Li Z, Ahmed UKB, Bland SJ, Yashchenko A, Liu S, Aloria EJ, Lever JM, Gonzalez NM, Bickel MA, Giles CB, Georgescu C, Wren JD, Lang ML, Benveniste EN, Harrington LE, Tsiokas L, George JF, Jones KL, Crossman DK, Agarwal A, Mrug M, Yoder BK, Hopp K, Zimmerman KA. (2022) A Comprehensive Immune Cell Atlas of Cystic Kidney Disease Reveals the Involvement of Adaptive Immune Cells in Injury-Mediated Cyst Progression in Mice. <i>J Am Soc Nephrol</i> . Apr;33(4):747-768. doi: 10.1681/ASN.2021030278. Epub 2022 Feb 2. PMCID: PMC8970461.

72. Lu Y, Agarwal A. (2022) Myo-inositol oxygenase in cadmium-induced kidney injury. <i>Am J Physiol Renal Physiol</i> . 2022 May 1;322(5):F470-F472. PMID: PMC8977179
73. Bullen AL (2022) The Biomarker Promised Land: Are We There Yet? Not Yet. <i>Am J Kidney Dis</i> . Apr;79(4):486-487. doi: 10.1053/j.ajkd.2021.09.021. Epub 2022 Jan 17. PMID: 35058074
74. Bullen AL, Ascher SB, Scherzer R, Garimella PS, Katz R, Hallan SI, Cheung AK, Raphael KL, Estrella MM, Jotwani VK, Malhotra R, Seegmiller JC, Shlipak MG, Ix JH. Markers of Kidney Tubular Secretion and Risk of Adverse Events in SPRINT Participants with CKD <i>J Am Soc Nephrol</i> . 2022 Oct;33(10):1915-1926. doi: 10.1681/ASN.2022010117. Epub 2022 Aug 16. PMID: 35973732 PMCID: PMC9528325 (available on 2023-10-01)
75. Gohar EY, De Miguel C, Obi IE, Daugherty EM, Hyndman KA, Becker BK, Jin C, Sedaka R, Johnston JG, Liu P, Speed JS, Mitchell T, Kriegel AJ, Pollock JS, Pollock DM. (2022) Acclimation to a High-Salt Diet Is Sex Dependent. <i>J Am Heart Assoc</i> . Mar;11(5):e020450. doi: 10.1161/JAHA.120.020450. Epub 2022 Feb 22. PMID: 35191321. PMCID: PMC9075092 .
76. Singh RD, Barry MA, Croatt AJ, Ackerman AW, Grande JP, Diaz RM, Vile RG, Agarwal A, Nath KA. (2022) The spike protein of SARS-CoV-2 induces heme oxygenase-1: Pathophysiologic implications. <i>Biochim Biophys Acta Mol Basis Dis</i> . 1868(3):166322. PMCID: PMC8669938
77. Eckenrode HE, Gutierrez OM, Osis G, Agarwal A, Curtis LM. (2022) Kidney Disease Prevalence in Transgender Individuals. <i>Clin J Am Soc Nephrol</i> . Feb;17(2):280-282. doi: 10.2215/CJN.04660421. Epub 2021 Dec 6. PMCID: PMC8823938 .
78. Matas AJ, Helgeson E, Fieberg A, Leduc R, Gaston RS, Kasiske BL, Rush D, Hunsicker L, Cosio F, Grande JP, Cecka JM, Connett J, Mannon RB. (2022) Risk Prediction for Delayed Allograft Function: Analysis of the Deterioration of Kidney Allograft Function (DeKAF) Study Data. <i>Transplantation</i> . Feb 1;106(2):358-368. doi: 10.1097/TP.0000000000003718. PMCID: PMC8380757 .
79. Somarathna M, Hwang PT, Millican RC, Alexander GC, Isayeva-Waldrop T, Sherwood JA, Brott BC, Falzon I, Northrup H, Shiu YT, Stubben CJ, Totenhagen J, Jun HW, Lee T. (2022) Nitric oxide releasing nanomatrix gel treatment inhibits venous intimal hyperplasia and improves vascular remodeling in a rodent arteriovenous fistula. <i>Biomaterials</i> . 280:121254. PMCID: PMC8724452 .
80. Curtis LM, Balkawade R. (2022) Thermoneutral Regulation and Acute Injury: Implications for Acute Kidney Injury <i>Nephron</i> . 146(3):229-233. doi: 10.1159/000520143. Epub 2021 Nov 25 PMCID: PMC9090934 .
81. Mondal P, Tolbert GB, Wijeratne GB. (2022) Bio-inspired nitrogen oxide (NO _x) interconversion reactivities of synthetic heme Compound-I and Compound-II intermediates. <i>J Inorg Biochem</i> . 226:111633. PMID: 34749065
82. Lewis ED, Williams HC, Bruno MEC, Stromberg AJ, Saito H, Johnson LA, Starr ME. (2022) Exploring the Obesity Paradox in A Murine Model of Sepsis: Improved Survival Despite Increased Organ Injury in Obese Mice. <i>Shock</i> . 57(1):151-159. PMCID: PMC8678195 .
83. Arai Y, Yamaoka Y, Morioka S. (2022) Sweeping Up Dying Cells during Tissue Injury <i>Nephron</i> . 146(3):249-252. doi: 10.1159/000517731. Epub 2021 Jul 20. PMCID: PMC8770677 .
84. Vallon V, Kim YC. Protecting the Kidney: The Unexpected Logic of Inhibiting a Glucose Transporter. <i>Clin Pharmacol Ther</i> . 2022 Sep;112(3):434-438. doi: 10.1002/cpt.2651. Epub 2022 Jun 11. PMID: 35689828.
85. Kumar P, Yang Z, Lever JM, Chávez MD, Fatima H, Crossman DK, Maynard CL, George JF, Mitchell T. Hydroxyproline stimulates inflammation and reprograms macrophage signaling in a rat kidney stone model. <i>Biochim Biophys Acta Mol Basis Dis</i> . 2022 Sep 1;1868(9):166442. doi: 10.1016/j.bbadis.2022.166442. Epub 2022 May 10. PMID: 35562038.
86. Navarro-Garrido A, Kim YC, Oe Y, Zhang H, Crespo-Masip M, Goodluck HA, Kanoo S, Sanders PW, Bröer S, Vallon V. Aristolochic acid-induced nephropathy is attenuated in mice lacking the neutral amino acid transporter B ⁰ AT1 (Slc6a19). <i>Am J Physiol Renal Physiol</i> . 2022 Aug 18. doi: 10.1152/ajprenal.00181.2022. Epub ahead of print. PMID: 35979966. PMCID: PMC9484999.
87. Masuda T, Ohara K, Vallon V, Nagata D. SGLT2 inhibitor and loop diuretic induce different vasopressin and fluid homeostatic responses in non-diabetic rats. <i>Am J Physiol Renal Physiol</i> . 2022 Sept 1; 323(3):F361-F369. doi: 10.1152/ajprenal.00070.2022. PMID: 35900341. PMCID: PMC9423725
88. Gohar EY, Almutlaq RN, Fan C, Balkawade RS, Butt MK, Curtis LM. Does G Protein-Coupled Estrogen Receptor 1 Contribute to Cisplatin-Induced Acute Kidney Injury in Male Mice? <i>Int J Mol Sci</i> . 2022 Jul 27;23(15):8284. doi: 10.3390/ijms23158284. PMID: 35955435; PMCID: PMC9368456 .

89.	Hepokoski ML, Odish M, Lam MT, Coufal NG, Rolfsen ML, Shadel GS, Moyzis AG, Sainz AG, Takiar PG, Patel S, Leonard AJ, Samandari N, Hansen E, Trescott S, Nguyen C, Jepsen K, Cutter G, Gillespie MN, Spragg RG, Sasik R, Ix JH. Absolute quantification of plasma mitochondrial DNA by droplet digital PCR marks COVID-19 severity over time during intensive care unit admissions. <i>Am J Physiol Lung Cell Mol Physiol</i> . 2022 Jul 1;323(1):L84-L92. doi: 10.1152/ajplung.00128.2022. Epub 2022 Jun 14. PMID: 35699291; PMCID: PMC9273271 .
90.	Hepokoski M, Singh P. Mitochondria as mediators of systemic inflammation and organ cross talk in acute kidney injury. <i>Am J Physiol Renal Physiol</i> . 2022 Jun 1;322(6):F589-F596. doi: 10.1152/ajprenal.00372.2021. Epub 2022 Apr 4. PMID: 35379000; PMCID: PMC9054254.
91.	Ortiz-Soriano V, Kabir S, Claure-Del Granado R, Stromberg A, Toto RD, Moe OW, Goldstein SL, Neyra JA. Assessment of a modified renal angina index for AKI prediction in critically ill adults. <i>Nephrol Dial Transplant</i> . 2022 Apr 25;37(5):895-903. doi: 10.1093/ndt/gfab049. PMID: 33605426; PMCID: PMC9272422 .
92.	Peixoto-Neves D, Kanthakumar P, Kumar R, Soni H, Adebiyi A. Loss of urotensin II receptor diminishes hyperglycemia and kidney injury in streptozotocin-treated mice. <i>J Mol Endocrinol</i> . 2022 Mar 25;68(3):167-178. doi: 10.1530/JME-21-0199. PMID: 35244607; PMCID: PMC9334220 .
93.	Cheung MD, Erman EN, Moore KH, Lever JM, Li Z, LaFontaine JR, Ghajar-Rahimi G, Liu S, Yang Z, Karim R, Yoder BK, Agarwal A, George JF. Resident macrophage subpopulations occupy distinct microenvironments in the kidney. <i>JCI Insight</i> . 2022 Oct 24;7(20):e161078. doi: 10.1172/jci.insight.161078. PMID: 36066976. PMCID: PMC9714795 .
94.	Namineni N, Potok OA, Ix JH, Ginsberg C, Negoianu D, Rifkin DE, Garimella PS. Marathon Runners' Knowledge and Strategies for Hydration Clin J Sport Med. 2022 Sep 1;32(5):517-522. doi: 10.1097/JSM.0000000000000990. Epub 2021 Oct 29. PMID: 34723866 PMCID: PMC9050964 (available on 2023-09-01)
95.	Li C, Krothapalli S, Chen YM. Targeting Endoplasmic Reticulum for Novel Therapeutics and Monitoring in Acute Kidney Injury. <i>Nephron</i> . 2022 Sep 16;1-4. doi: 10.1159/000526050. Epub ahead of print. PMID: 36116429. PMCID: PMC9928598.
96.	Park SJ, Kim Y, Li C, Suh J, Sivapackiam J, Goncalves TM, Jarad G, Zhao G, Urano F, Sharma V, Chen YM. Blocking CHOP-dependent TXNIP shuttling to mitochondria attenuates albuminuria and mitigates kidney injury in nephrotic syndrome. <i>Proc Natl Acad Sci U S A</i> . 2022 Aug 30;119(35):e2116505119. doi: 10.1073/pnas.2116505119. Epub 2022 Aug 22. PMID: 35994650; PMCID: PMC9436335
97.	Askenazi DJ, Halloran BA, Heagerty PJ, Schmicker RH, Brophy P, Juul SE, Hingorani S, Goldstein SL, PENUT Trial Consortium. (2022) Gestational age, sex, and time affect urine biomarker concentrations in extremely low gestational age neonates. <i>Pediatr Res</i> . Jul;92(1):151-167. PMID: 34845352. PMCID: PMC9149147 . Erratum in: <i>Pediatr Res</i> . <i>Pediatr Res</i> . 2022 Jul;92(1):334
98.	Vallon V, Nakagawa T.(2022) Renal Tubular Handling of Glucose and Fructose in Health and Disease. <i>Compr Physiol</i> . Dec 29;12(1):2995-3044. doi: 10.1002/cphy.c210030. PMID: 34964123. PMCID: PMC9832976 .

2021
99. Ahmad I, Molyvdas A, Jian MY, Zhou T, Traylor AM, Cui H, Liu G, Song W, Agarwal A, Jilling T, Aggarwal S, Matalon S. (2021) AICAR decreases acute lung injury by phosphorylating AMPK and upregulating heme oxygenase-1. <i>Eur Respir J.</i> 58(6):2003694. PMID: 34049949. PMCID: PMC9144003
100. Mak RH, Querfeld U, Gonzalez A, Gunta S, Cheung WW. (2021) Differential Effects of 25-Hydroxyvitamin D ₃ versus 1 α 25-Dihydroxyvitamin D ₃ on Adipose Tissue Browning in CKD-Associated Cachexia. <i>Cells.</i> 10(12):3382 PMCID: PMC8699879
101. Black LM, Farrell ER, Barwinska D, Osis G, Zmijewska AA, Traylor AM, Esmen SK, Bolisetty S, Whipple G, Kamocka MM, Winfree S, Spangler DR, Khan S, Zarjou A, El-Achkar TM, Agarwal A. (2021) VEGFR3 tyrosine kinase inhibition aggravates cisplatin nephrotoxicity. <i>Am J Physiol Renal Physiol.</i> 321(6):F675-F688. PMCID: PMC8714977 .
102. Piret SE, Attallah AA, Gu X, Guo Y, Gujarati NA, Henein J, Zollman A, Hato T, Ma'ayan A, Revelo MP, Dickman KG, Chen CH, Shun CT, Rosenquist TA, He JC, Mallipattu SK. (2021) Loss of proximal tubular transcription factor Krüppel-like factor 15 exacerbates kidney injury through loss of fatty acid oxidation. <i>Kidney Int.</i> 100(6):1250-1267. PMCID: PMC8608748 .
103. Raines NH, Cheung MD, Wilson LS, Edberg JC, Erdmann NB, Schmaier AA, Berryhill TF, Manickas-Hill Z, Li JZ, Yu XG, Agarwal A, Barnes S, Parikh SM. (2021) Nicotinamide Adenine Dinucleotide Biosynthetic Impairment and Urinary Metabolomic Alterations Observed in Hospitalized Adults With COVID-19-Related Acute Kidney Injury. <i>Kidney Int Rep.</i> 6(12):3002-3013. PMCID: PMC8439094
104. Curtis LM, Balkawade R. (2021) Thermoneutral Regulation and Acute Injury: Implications for Acute Kidney Injury. <i>Nephron.</i> Nov 25;1-5. PMID: 34823244. PMCID: PMC9090934 .
105. Hama T, Nagesh PK, Chowdhury P, Moore BM 2nd, Yallapu MM, Regner KR, Park F. (2021) DNA damage is overcome by TRIP13 overexpression during cisplatin nephrotoxicity. <i>JCI Insight.</i> 22(6(22)):e139092. PMCID: PMC8663775
106. Baranwal G, Creed HA, Black LM, Auger A, Quach AM, Vegiraju R, Eckenrode HE, Agarwal A, Rutkowski JM. (2021) Expanded renal lymphatics improve recovery following kidney injury. <i>Physiol Rep.</i> 9(22):e15094. PMCID: PMC8606868
107. Neyra JA. (2021) A team-based approach for testing biomarkers of kidney disease progression. <i>Kidney Int.</i> 100(5):972-975. PMID: 34280456
108. Namineni N, Potok OA, Ix JH, Ginsberg C, Negoianu D, Rifkin DE, Garimella PS. (2021) Marathon Runners' Knowledge and Strategies for Hydration. <i>Clin J Sport Med.</i> Oct 29; Epub ahead of print. PMCID: PMC9050964.
109. Kumar P, Saini K, Saini V, Mitchell T. (2021) Oxalate Alters Cellular Bioenergetics, Redox Homeostasis, Antibacterial Response, and Immune Response in Macrophages. <i>Front Immunol.</i> 12:694865. PMCID: PMC8566947
110. Gupta S, Short SAP, Sise ME, Prosek JM, Madhavan SM, Soler MJ, Ostermann M, Herrmann SM, Abudayyeh A, Anand S, Glezerman I, Motwani SS, Murakami N, Wanchoo R, Ortiz-Melo DI, Rashidi A, Sprangers B, Aggarwal V, Malik AB, Loew S, Carlos CA, Chang WT, Beckerman P, Mithani Z, Shah CV, Renaghan AD, Seigneux S, Campedel L, Kitchlu A, Shin DS, Rangarajan S, Deshpande P, Coppock G, Eijgelsheim M, Seethapathy H, Lee MD, Strohbehn IA, Owen DH, Husain M, Garcia-Carro C, Bermejo S, Lumlertgul N, Seylanova N, Flanders L, Isik B, Mamlouk O, Lin JS, Garcia P, Kaghazchi A, Khanin Y, Kansal SK, Wauters E, Chandra S, Schmidt-Ott KM, Hsu RK, Tio MC, Sarvode Mothi S, Singh H, Schrag D, Jhaveri KD, Reynolds KL, Cortazar FB, Leaf DE; ICPI-AKI Consortium Investigators. (2021) Acute kidney injury in patients treated with immune checkpoint inhibitors. <i>J Immunother Cancer.</i> 9(10):e003467. PMCID: PMC8496384
111. Drew DA, Katz R, Kritchevsky S, Ix JH, Shlipak MG, Newman AB, Hoofnagle AN, Fried LF, Sarnak M, Gutiérrez OM, Semba RD, Neyra JA. (2021) Soluble Klotho and Incident Hypertension. <i>Clin J Am Soc Nephrol.</i> 16(10):1502-1511. PMCID: PMC8498995 .
112. Zimmerman KA, Song CJ, Aloria EJG, Li Z, Zhou J, Bland SJ, Yashchenko A, Crossman DK, Mrug M, Yoder BK. (2021) Early infiltrating macrophage subtype correlates with late-stage phenotypic outcome in a mouse model of hepatorenal fibrocystic disease. <i>Lab Invest.</i> 101(10):1382-1393. PMCID: PMC8773463 .
113. Rhee H, Berenger B, Mehta RL, Macedo E. (2021) Regional Citrate Anticoagulation for Continuous Kidney Replacement Therapy With Calcium-Containing Solutions: A Cohort Study. <i>Am J Kidney Dis.</i> 78(4):550-559.e1. PMCID: PMC8723918 .
114. Weber SM, Brossier NM, Precht A, Barnes S, Wilson LS, Brosius SN, Longo JF, Carroll SL. (2021) R-Ras subfamily proteins elicit distinct physiologic effects and phosphoproteome alterations in neurofibromin-null MPNST cells. <i>Cell Commun Signal.</i> 19(1):95. PMCID: PMC8447793

115.Li Y, Hepokoski M, Gu W, Simonson T, Singh P. (2021) Targeting Mitochondria and Metabolism in Acute Kidney Injury. <i>J Clin Med</i> . 10(17):3991. PMID: PMC8432487
116.Black LM, Winfree S, Khochare SD, Kamocka MM, Traylor AM, Esman SK, Khan S, Zarjou A, Agarwal A, El-Achkar TM. (2021) Quantitative 3-dimensional imaging and tissue cytometry reveals lymphatic expansion in acute kidney injury. <i>Lab Invest</i> . 101(9):1186-1196. PMID: PMC8373805
117.Bullen AL, Katz R, Jotwani V, Garimella PS, Lee AK, Estrella MM, Shlipak MG, Ix JH. (2021) Biomarkers of Kidney Tubule Health, CKD Progression, and Acute Kidney Injury in SPRINT (Systolic Blood Pressure Intervention Trial) Participants. <i>Am J Kidney Dis</i> . 78(3):361-368.e1. PMID: PMC8384678 .
118.Zmijewska AA, Zmijewski JW, Becker EJ Jr, Benavides GA, Darley-USmar V, Mannon RB. (2021) Bioenergetic maladaptation and release of HMGB1 in calcineurin inhibitor-mediated nephrotoxicity. <i>Am J Transplant</i> . 21(9):2964-2977. PMID: PMC8429074
119.Liu LJ, Ortiz-Soriano V, Neyra JA, Chen J. (2021) KGDAL: Knowledge Graph Guided Double Attention LSTM for Rolling Mortality Prediction for AKI-D Patients. <i>ACM BCB</i> . 2021:53. PMID: PMC8445228
120.Zimmerman KA, Yang Z, Lever JM, Li Z, Croyle MJ, Agarwal A, Yoder BK, George JF.(2021) Kidney resident macrophages in the rat have minimal turnover and replacement by blood monocytes. <i>Am J Physiol Renal Physiol</i> . 321(2):F162-F169. PMID: PMC8424665
121.Saunders U, Li M, Boddada SR, Maher S, Ghore J, Kaptsan I, Dhital R, Velazquez V, Guo L, Chen B, Zeng Q, Schoeb TR, Cianciolo R, Shimamura M. (2021) Murine Cytomegalovirus-induced Complement-fixing Antibodies Deposit in Murine Renal Allografts During Acute Rejection. <i>Transplantation</i> . 105(8):1718-1729. PMID: PMC8128940
122.Cheung WW, Zheng R, Hao S, Wang Z, Gonzalez A, Zhou P, Hoffman HM, Mak RH. (2021) The role of IL-1 in adipose browning and muscle wasting in CKD-associated cachexia. <i>Sci Rep</i> . 11(1):15141. PMID: PMC8302616
123.Arai Y, Yamaoka Y, Morioka S. (2021) Sweeping Up Dying Cells during Tissue Injury. <i>Nephron</i> . 1-4. PMID: PMC8770677
124.Flannery AH, Li X, Delozier NL, Toto RD, Moe OW, Yee J, Neyra JA. (2021) Sepsis-Associated Acute Kidney Disease and Long-term Kidney Outcomes. <i>Kidney Med</i> . 3(4):507-514.e1. PMID: PMC8350838
125.Hu M, Tiwary E, Prasain JK, Miller M, Serra R. (2021) Mechanisms of TGFβ in prostaglandin synthesis and sperm guidance in <i>Caenorhabditis elegans</i> . <i>Dev Dyn</i> . 250(7):932-942. PMID: PMC9010029
126.Piret SE, Guo Y, Attallah AA, Horne SJ, Zollman A, Owusu D, Henein J, Sidorenko VS, Revelo MP, Hato T, Ma'ayan A, He JC, Mallipattu SK. (2021) Krüppel-like factor 6-mediated loss of BCAA catabolism contributes to kidney injury in mice and humans. <i>Proc Natl Acad Sci U S A</i> . 118(23):e2024414118. PMID: PMC8201852
127.Hyndman KA, Griffin MD. (2021) Could NAD ⁺ Precursor Supplements Induce a Legacy of Protection against Diabetic Nephropathy? <i>J Am Soc Nephrol</i> . 32(6):1270-1273. PMID: PMC8259642
128.Askenazi DJ, Heagerty PJ, Schmicker RH, Brophy P, Juul SE, Goldstein SL, Hingorani S; PENUT Trial Consortium. (2021) The Impact of Erythropoietin on Short- and Long-Term Kidney-Related Outcomes in Neonates of Extremely Low Gestational Age. Results of a Multicenter, Double-Blind, Placebo-Controlled Randomized Clinical Trial. <i>J Pediatr</i> . 232:65-72.e7. PMID: PMC8093092
129.Payne GA, Sharma NS, Lal CV, Song C, Guo L, Margaroli C, Viera L, Kumar S, Li J, Xing D, Bosley M, Xu X, Wells JM, George JF, Tallaj J, Leeser M, Blalock JE, Gaggar A. (2021) Prolyl endopeptidase contributes to early neutrophilic inflammation in acute myocardial transplant rejection. <i>JCI Insight</i> . 22;6(6):e139687. PMID: PMC8026194
130.Awdishu L, Le A, Amato J, Jani V, Bal S, Mills RH, Carrillo-Terrazas M, Gonzalez DJ, Tolwani A, Acharya A, Cerda J, Joy MS, Nicoletti P, Macedo E, Vaingankar S, Mehta R, RamachandraRao SP, On Behalf Of The Direct Investigators. (2021) Urinary Exosomes Identify Inflammatory Pathways in Vancomycin Associated Acute Kidney Injury. <i>Int J Mol Sci</i> . 10;22(6):2784. PMID: PMC7999309
131.Kumar P, Patel M, Oster RA, Yarlagadda V, Ambrosetti A, Assimos DG, Mitchell T. (2021) Dietary Oxalate Loading Impacts Monocyte Metabolism and Inflammatory Signaling in Humans. <i>Front Immunol</i> . 25;12:617508. PMID: PMC7959803
132.Vallon V, Verma S. (2021) Effects of SGLT2 Inhibitors on Kidney and Cardiovascular Function. <i>Annu Rev Physiol</i> . 83:503-528. PMID: PMC8017904

133. Janosevic D, Myslinski J, McCarthy TW, Zollman A, Syed F, Xuei X, Gao H, Liu YL, Collins KS, Cheng YH, Winfree S, El-Achkar TM, Maier B, Melo Ferreira R, Eadon MT, Hato T, Dagher PC (2021) The orchestrated cellular and molecular responses of the kidney to endotoxin define a precise sepsis timeline. <i>Elife</i> . 10:e62270. PMID: PMC7810465
134. Warnock DG, Neyra JA, Macedo E, Miles AD, Mehta RL, Wanner C. (2021) Comparison of Static and Dynamic Baseline Creatinine Surrogates for Defining Acute Kidney Injury. <i>Nephron</i> . 145(6):664-674. PMID: PMC8595494
135. Vásquez Jiménez E, Anumudu SJ, Neyra JA. (2021) Dose of Continuous Renal Replacement Therapy in Critically Ill Patients: A Bona Fide Quality Indicator. <i>Nephron</i> . 145(2):91-98. PMID: PMC7965247
136. Feng W, Ying WZ, Li X, Curtis LM, Sanders PW. (2021) Renoprotective effect of <i>Stat1</i> deletion in murine aristolochic acid nephropathy. <i>Am J Physiol Renal Physiol</i> . 320(1):F87-F96; PMID: PMC7722081
137. Ajmera V, Thompson WK, Smith DM, Malhotra A, Mehta RL, Tolia V, Yin J, Sriram K, Insel PA, Collier S, Richards L, Loomba R. (2021) RAMIC: Design of a randomized, double-blind, placebo-controlled trial to evaluate the efficacy of ramipril in patients with COVID-19. <i>Contemp Clin Trials</i> . 103:106330. PMID: PMC7899027 .
138. Alasmari F, Crotty Alexander LE, Hammad AM, Horton A, Alhaddad H, Schiefer IT, Shin J, Moshensky A, Sari Y. (2021) E-cigarette aerosols containing nicotine modulate nicotinic acetylcholine receptors and astroglial glutamate transporters in mesocorticolimbic brain regions of chronically exposed mice. <i>Chem Biol Interact</i> . 333:109308. PMID: PMC7752837 .
139. Bullen AL, Garimella PS. (2021) Beyond the Glomerulus-Kidney Tubule Markers and Diabetic Kidney Disease Progression. <i>Kidney Int Rep</i> . 6(5):1200-1202. PMID: PMC8116901 .
140. Buford TW, Sun Y, Roberts LM, Banerjee A, Peramsetty S, Knighton A, Verma A, Morgan D, Torres GE, Li Q, Carter CS. (2021) Angiotensin (1-7) delivered orally via probiotic, but not subcutaneously, benefits the gut-brain axis in older rats. <i>Geroscience</i> . 42(5):1307-1321. PMID: PMC7525634 .
141. Curtis LM, George J, Vallon V, Barnes S, Darley-Usmar VM, Vaingankar SM, Cutter G, Gutierrez O, Seifert M, Ix J, Mehta R, Sanders PW, Agarwal A. (2021) UAB-UCSD O'Brien Center for Acute Kidney Injury Research. <i>Am J Physiol Renal Physiol</i> . 320(5):F870-F882. PMID: PMC8424552
142. Feng W, Remedies CE, Obi IE, Aldous SR, Meera SI, Sanders P, Inscho EW, Guan Z. (2021) Restoration of Afferent Arteriolar Autoregulatory Behavior in Ischemia-Reperfusion Injury in Rat Kidneys. <i>Am J Physiol Renal Physiol</i> . 320(1):F87-F96. PMID: PMC7847048 .
143. Hepokoski M, Wang J, Li K, Li Y, Gupta P, Mai T, Moshensky A, Alotaibi M, Crotty Alexander LE, Malhotra A, Singh P. (2021) Altered lung metabolism and mitochondrial DAMPs in lung injury due to acute kidney injury. <i>Am J Physiol Lung Cell Mol Physiol</i> . 320(5):L821-L831. PMID: PMC8174821
144. Kumar P, Patel M, Oster RA, Yarlagadda V, Ambrosetti A, Assimios DG, Mitchell T. (2021) Dietary Oxalate Loading Impacts Monocyte Metabolism and Inflammatory Signaling in Humans. <i>Front Immunol</i> . 12:617508. PMID: PMC7959803 .
145. Neyra JA, Kashani K. (2021) Improving the quality of care for patients requiring continuous renal replacement therapy. <i>Semin Dial</i> . 34(6):501-509. PMID: 33811790.
146. Neyra JA, Tolwani A. (2021) CRRT prescription and delivery of dose. <i>Semin Dial</i> . 34(6):432-439. PMID: 33909931.
147. Osis G, Traylor AM, Black LM, Spangler D, George JF, Zarjou A, Verlander JW, Agarwal A. (2021) Expression of Lactate Dehydrogenase A and B isoforms in the mouse kidney. <i>Am J Physiol Renal Physiol</i> . 320(5):F706-F718. PMID: PMC8424554 .
148. Roj AK, Cormet-Boyaka E, Clark EB, Qadri YJ, Lee W, Boddu R, Agarwal A, Tambi R, Uddin M, Pappas V, Sorscher EJ, Fuller CM, Berdiev BK. (2021) Association of Cystic Fibrosis Transmembrane Conductance Regulator with Epithelial Sodium Channel Subunits Carrying Liddle's Syndrome Mutations. <i>Am J Physiol Lung Cell Mol Physiol</i> . 321(2):L308-L320. PMID: PMC8410115
149. Thomson SC, Vallon V. (2021) Effects of SGLT2 Inhibitor and Dietary NaCl on Glomerular Hemodynamics Assessed by Micropuncture in Diabetic Rats. <i>Am J Physiol Renal Physiol</i> . 320(5):F761-F771/ PMID: PMC8174804
150. Wood KD, Freeman BL, Killian ME, Lai WS, Assimios D, Knight J, Fargue S. (2021) Effect of alanine supplementation on oxalate synthesis. <i>Biochim Biophys Acta Mol Basis Dis</i> . 1867(1):165981. PMID: PMC7722081 .
151. Ying KE, Feng W, Ying WZ, Sanders PW. (2021) Cellular antioxidant mechanisms control immunoglobulin light chain-mediated proximal tubule injury. <i>Free Radic Biol Med</i> . 171:80-90. PMID: PMC8217262 .

2020
152. Abudayyeh A, Lin H, Mamlouk O, Abdelrahim M, Saliba R, Rondon G, Martinez CS, Delgado R, Page V, Rajasekaran A, Sanders PW, Qazilbash M. (2020) Impact of autologous stem cell transplantation on long term renal function and associated progression-free and overall survival in multiple myeloma. <i>Leuk Lymphoma</i> . 61(13):3101-3111. PMID: PMC9074107
153. Acin-Perez R, Benador IY, Petcherski A, Veliova M, Benavides GA, Lagarrigue S, Caudal A, Vergnes L, Murphy AM, Karamanlidis G, Tian R, Reue K, Wanagat J, Sacks H, Amati F, Darley-Usmar VM, Liesa M, Divakaruni AS, Stiles L, Shirihi OS. (2020) A novel approach to measure mitochondrial respiration in frozen biological samples. <i>EMBO J</i> . 39(13):e104073. PMID: PMC7327496 .
154. Andringa KK. (2020) Proceedings of the 10th Annual UAB-UCSD O'Brien Center Symposium: Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management. <i>Nephron</i> . 2020;144(12):607-208. PMID: PMC7708519
155. Bouchard J, Mehta R. (2020) Wait and see approach for dialysis in acute kidney injury. <i>Nat Rev Nephrol</i> . 16(12):707-708.
156. Bush KT, Singh P, Nigam SK. (2020) Gut-derived uremic toxin handling in vivo requires OAT-mediated tubular secretion in chronic kidney disease. <i>JCI Insight</i> . 5(7):e133817. PMID: PMC7205256 .
157. Falzon I, Northrup H, Guo L, Totenhagen J, Lee T, Shiu YT. (2020) The geometry of arteriovenous fistulas using endothelial nitric oxide synthase mouse models. <i>Kidney</i> 360. 1(9):925-935. PMID: PMC7591147 .
158. Feng W, Guan Z, Xing D, Li X, Ying WZ, Remedies CE, Inscho EW, Sanders PW. (2020) Avian erythroblastosis virus E26 oncogene homolog-1 (ETS-1) plays a role in renal microvascular pathophysiology in the Dahl salt-sensitive rat. <i>Kidney Int</i> . 97(3):528–537. PMID: PMC7039742 .
159. Feng W, Ying WZ, Li X, Curtis LM, Sanders PW. (2020) Renoprotective effect of Stat1 deletion in murine aristolochic acid nephropathy. <i>Am J Physiol Renal Physiol</i> . [Epub ahead of print.]
160. Hyndman KA. (2020) Histone Deacetylases in Kidney Physiology and Acute Kidney Injury. <i>Semin Nephrol</i> . 40(2):138–147. PMID: PMC7172006 .
161. Hyndman KA, Speed JS, Mendoza LD, Allan JM, Colson J, Sedaka R, Jin C, Jung HJ, El-Dahr S, Pollock DM, Pollock JS. (2020) Fluid-electrolyte homeostasis requires histone deacetylase function. <i>JCI Insight</i> . 5(16):e137792. PMID: PMC7455138 .
162. Koepsell H, Vallon V. (2020) A special issue on glucose transporters in health and disease. <i>Pflugers Arch</i> . 472(9):1107-1109. PMID: PMC7484381 .
163. Kasztan M, Aban I, Hande SP, Pollock DM, Lebensburger JD. (2020) Sex differences in the trajectory of glomerular filtration rate in pediatric and murine sickle cell anemia. <i>Blood Adv</i> . 4(2):263-265. PMID: PMC6988403 .
164. Li Y, Nourbakhsh N, Pham H, Tham R, Zuckerman JE, Singh P. (2020) Evolution of Altered Tubular Metabolism and Mitochondrial Function in Sepsis Associated Acute Kidney Injury. <i>Am J Physiol Renal Physiol</i> . 319(2):F229-F244. PMID: PMC7473900 .
165. Lu A, Pallero MA, Owusu BY, Borovjagin AV, Lei W, Sanders PW, Murphy-Ullrich JE. (2020) Calreticulin is important for the development of renal fibrosis and dysfunction in diabetic nephropathy. <i>Matrix Biol Plus</i> . 8:100034. PMID: PMC7852315 .
166. Masuda T, Muto S, Fukuda K, Watanabe M, Ohara K, Koepsell H, Vallon V, Nagata D. (2020) Osmotic diuresis by SGLT2 inhibition stimulates vasopressin-induced water reabsorption to maintain body fluid volume. <i>Physiol Rep</i> . 8(2):e14360. PMID: PMC6987478 .
167. Mir SA, Biswas N, Cheung W, Wan J, Webster N, Macedo E, O'Connor DT, Vaingankar SM. (2020) Chromogranin A pathway: from pathogenic molecule to renal disease. <i>J Hypertens</i> . 38(3):456-466. PMID: 31714338. PMID: PMC9109708
168. Miramontes-González JP, Usategui-Martín R, Martín-Vallejo J, Ziegler M, de Isla LL, O Connor D, González-Sarmiento R. (2020) VAV3 rs7528153 and VAV3-AS1 rs1185222 polymorphisms are associated with an increased risk of developing hypertension. <i>Eur J Intern Med</i> . 80:60-65.
169. Mondal P, Wijeratne GB. (2020) Modeling Tryptophan/Indoleamine 2,3-Dioxygenase with Heme Superoxide Mimics: Is Ferryl the Key Intermediate? <i>J Am Chem Soc</i> . 142(4):1846-1856. PMID: 31870154.
170. Nespoux J, Vallon V. (2020) Renal effects of SGLT2 inhibitors: an update. <i>Curr Opin Nephrol Hypertens</i> . 29(2):190-198. PMID: PMC7224333
171. Onishi A, Fu Y, Patel R, Darshi M, Crespo-Masip M, Huang W, Song P, Freeman B, Kim YC, Soleimani M, Sharma K, Thomson SC, Vallon V. (2020) A role for the tubular Na ⁺ -H ⁺ -exchanger NHE3 in the natriuretic effect of the SGLT2 inhibitor empagliflozin. <i>Am J Physiol Renal Physiol</i> . 319(4):F712-F728. PMID: PMC7642886 .

172. Osto C, Benador IY, Ngo J, Liesa M, Stiles L, Acin-Perez R, Shirihaï OS. (2020) Measuring Mitochondrial Respiration in Previously Frozen Biological Samples. <i>Curr Protoc Cell Biol.</i> 89(1):e116.
173. Rasmussen LW, Stanford D, Patel K, Raju SV. (2020) Evaluation of secondhand smoke effects on CFTR function in vivo. <i>Respir Res.</i> 21(1):70. PMID: PMC7082971 .
174. Royal V, Leung N, Troyanov S, Nasr SH, Écotière L, LeBlanc R, Adam BA, Angioi A, Alexander MP, Asunis AM, Barreca A, Bianco P, Cohen C, Drosou ME, Fatima H, Fenoglio R, Gougeon F, Goujon JM, Herrera GA, Knebelmann B, Lepori N, Maletta F, Manso R, Motwani SS, Pani A, Rabant M, Rennke HG, Rocatello D, Rosenblum F, Sanders PW, Santos A, Soto K, Sis B, Touchard G, Venner CP, Bridoux F. (2020) Clinicopathologic predictors of renal outcomes in light chain cast nephropathy: a multicenter retrospective study. <i>Blood.</i> 135(21):1833-1846. PMID: PMC7243151 .
175. Shin B, Benavides GA, Geng J, Koralov SB, Hu H, Darley-Usmar VM, Harrington LE. (2020) Mitochondrial Oxidative Phosphorylation Regulates the Fate Decision between Pathogenic Th17 and Regulatory T Cells. <i>Cell Rep.</i> 30(6):1898-1909. PMID: PMC9059282
176. Smith MR, Chacko BK, Johnson MS, Benavides GA, Uppal K, Go YM, Jones DP, Darley-Usmar VM. (2020) A precision medicine approach to defining the impact of doxorubicin on the bioenergetic-metabolite interactome in human platelets. <i>Redox Biol.</i> 28:101311. PMID: PMC6812033 .
177. Srivastava RK, Muzaffar S, Khan J, Traylor AM, Zmijewski JW, Curtis LM, George JF, Ahmad A, Antony VB, Agarwal A, Athar M. (2020) Protective role of HO-1 against acute kidney injury caused by cutaneous exposure to arsenicals. <i>Ann N Y Acad Sci</i> 1480(1):155-169. PMID: PMC9109234
178. Upadhyay R, Ying WZ, Nasrin Z, Safah H, Jaimes EA, Feng W, Sanders PW, Batuman V. (2020) Free light chains injure proximal tubule cells through the STAT1/HMGB1/TLR axis. <i>JCI Insight.</i> 5(14):e137191. PMID: PMC7453901 .
179. Vallon V. (2020) Glucose transporters in the kidney in health and disease. <i>Pflugers Arch.</i> 472(9):1345-1370. PMID: PMC7483786 .
180. Vallon V, Thomson SC. (2020) The tubular hypothesis of nephron filtration and diabetic kidney disease. <i>Nat Rev Nephrol.</i> 16(6):317-336. PMID: PMC7242158
181. Vallon V, Unwin R, Inscho EW, Leipziger J, Kishore BK. (2020) Extracellular Nucleotides and P2 Receptors in Renal Function. <i>Physiol Rev.</i> 100(1):211–269. PMID: PMC6985785 .
182. Wang X, Liu J, Yin W, Abdi F, Pang PD, Fucci QA, Abbott M, Chang SL, Steele G, Patel A, Mori Y, Zhang A, Zhu A, Lu TS, Kibel AS, Wang B, Lim K, Siedlecki AM. (2020) miR-218 Expressed in Endothelial Progenitor Cells Contributes to the Development and Repair of the Kidney Microvasculature. <i>Am J Pathol.</i> 190(3):642–659. PMID: PMC7068533 .
183. Widmeier E, Yu S, Nag A, Chung YW, Nakayama M, Fernández-Del-Río L, Hugo H, Schapiro D, Buerger F, Choi WI, Helmstädter M, Kim JW, Ryu JH, Lee MG, Clarke CF, Hildebrandt F, Gee HY. (2020) ADCK4 Deficiency Destabilizes the Coenzyme Q Complex, Which Is Rescued by 2,4-Dihydroxybenzoic Acid Treatment. <i>J Am Soc Nephrol.</i> 31(6):1191-1211. PMID: PMC7269352 .
184. Yadav P, Sathick IJ, Leung N, Brown EE, Cook M, Sanders PW, Cockwell P. (2020). Serum free light chain level at diagnosis in myeloma cast nephropathy-a multicentre study. <i>Blood Cancer J.</i> 10(3), 28. PMID: PMC7054310 .
185. Zimmerman KA, Huang J, He L, Revell DZ, Li Z, Hsu JS, Fitzgibbon WR, Hazard ES, Hardiman G, Mrug M, Bell PD, Yoder BK, Saigusa T. (2020) Interferon Regulatory Factor-5 in Resident Macrophage Promotes Polycystic Kidney Disease. <i>Kidney360.</i> 1(3):179-190. PMID: PMC7822573 .

2019
186. Alasmari F, Crotty Alexander LE, Hammad AM, Bojanowski CM, Moshensky A, Sari Y. (2019) Effects of Chronic Inhalation of Electronic Cigarette Vapor Containing Nicotine on Neurotransmitters in the Frontal Cortex and Striatum of C57BL/6 Mice. <i>Front Pharmacol.</i> 10:885. PMID: PMC6699083 .
187. Andringa KK, Mehta RL, Sanders PW, Agarwal A. (2019) Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management: Proceedings of the 9th Annual UAB-UCSD O'Brien Center Symposium. <i>Nephron.</i> 143(3):153.
188. Balkawade RS, Chen C, Crowley MR, Crossman DK, Clapp WL, Verlander JW, Marshall CB. (2019) Podocyte-specific expression of Cre recombinase promotes glomerular basement membrane thickening. <i>Am J Physiol Renal Physiol.</i> 316(5):F1026-F1040.
189. Basu RK. (2019) Targeting Acute Kidney Injury: Can an Innovative Approach to Existing and Novel Biomarkers Shift the Paradigm?. <i>Nephron.</i> 143(3):207–210.
190. Billings FT 4th. (2019) Acute Kidney Injury following Cardiac Surgery: A Clinical Model. <i>Nephron.</i> 143(3):202–206. PMID: PMC6821568 .
191. Black LM, Lever JM, Agarwal A. (2019) Renal Inflammation and Fibrosis: A Double-edged Sword. <i>J Histochem Cytochem.</i> 67(9):663-681. PMID: PMC6713973 .
192. Brawner KM, Yeramilli VA, Duck LW, Van Der Pol W, Smythies LE, Morrow CD, Elson CO, Martin CA. (2019) Depletion of dietary aryl hydrocarbon receptor ligands alters microbiota composition and function. <i>Sci Rep.</i> 9(1):14724. PMID: PMC6789125 .
193. Butts B, Calhoun DA, Denney TS Jr, Lloyd SG, Gupta H, Gaddam KK, Aban I, Oparil S, Sanders PW, Patel R, Collawn JF, Dell'Italia LJ. (2019) Plasma xanthine oxidase activity is related to increased sodium and left ventricular hypertrophy in resistant hypertension. <i>Free Radic Biol Med.</i> 134:343-349. PMID: PMC6588431 .
194. Chacko BK, Smith MR, Johnson MS, Benavides G, Culp ML, Pilli J, Shiva S, Uppal K, Go YM, Jones DP, Darley-Usmar VM. (2019) Mitochondria in precision medicine; linking bioenergetics and metabolomics in platelets. <i>Redox Biol.</i> 22:101165. PMID: PMC6436140 .
195. Dudoignon E, Dépret F, Legrand M. (2019) Is the Renin-Angiotensin-Aldosterone System Good for the Kidney in Acute Settings?. <i>Nephron.</i> 143(3):179–183.
196. Fattah H, Layton A, Vallon V. (2019) How Do Kidneys Adapt to a Deficit or Loss in Nephron Number? <i>Physiology (Bethesda).</i> 34(3):189-197. PMID: PMC6734068 .
197. Genschmer KR, Russell DW, Lal C, Szul T, Bratcher PE, Noerager BD, Abdul Roda M, Xu X, Rezonzew G, Viera L, Dobosh BS, Margaroli C, Abdalla TH, King RW, McNicholas CM, Wells JM, Dransfield MT, Tirouvanziam R, Gaggari A, Blalock JE. (2019) Activated PMN Exosomes: Pathogenic Entities Causing Matrix Destruction and Disease in the Lung. <i>Cell.</i> 176(1-2):113-126. PMID: PMC6368091 .
198. Gewin LS. (2019) Transforming Growth Factor- β in the Acute Kidney Injury to Chronic Kidney Disease Transition. <i>Nephron.</i> 143(3):154-157. PMID: PMC6821554 .
199. Heaven MR, Wilson L, Barnes S, Brenner M. (2019) Relative stabilities of wild-type and mutant glial fibrillary acidic protein in patients with Alexander disease. <i>J Biol Chem.</i> 294(43):15604-15612. PMID: PMC6816090 .
200. Hill BG, Shiva S, Ballinger S, Zhang J, Darley-Usmar VM. (2019) Bioenergetics and translational metabolism: implications for genetics, physiology and precision medicine. <i>Biol Chem.</i> 401(1):3-29. PMID: PMC6944318
201. Hyndman KA, Kasztan M, Mendoza LD, Monteiro-Pai S. (2019) Dynamic changes in histone deacetylases following kidney ischemia-reperfusion injury are critical for promoting proximal tubule proliferation. <i>Am J Physiol Renal Physiol.</i> 316(5):F875-F888. PMID: PMC6580243 .
202. Kasztan M, Fox BM, Lebensburger JD, Hyndman KA, Speed JS, Pollock JS, Pollock DM. (2019) Hyperfiltration predicts long-term renal outcomes in humanized sickle cell mice. <i>Blood Adv.</i> 3(9):1460-1475. PMID: PMC6517665 .
203. Kellum JA, Wen X, de Caestecker MP, Hukriede NA. (2019) Sepsis-Associated Acute Kidney Injury: A Problem Deserving of New Solutions. <i>Nephron.</i> 143(3):174–178. PMID: PMC6813847 .
204. Kirita Y, Chang-Panesso M, Humphreys BD. (2019) Recent Insights into Kidney Injury and Repair from Transcriptomic Analyses. <i>Nephron.</i> 143(3):162–165. PMID: PMC6821561 .

205. Krishnan V, Booker D, Cunningham G, Jadapalli JK, Kain V, Pullen AB, Halade GV. (2019) Pretreatment of carprofen impaired initiation of inflammatory- and overlapping resolution response and promoted cardiorenal syndrome in heart failure. <i>Life Sci.</i> 218:224-232. PMID: PMC6462225 .
206. LaFavers KA, Macedo E, Garimella PS, Lima C, Khan S, Myslinski J, McClintick J, Witzmann FA, Winfree S, Phillips CL, Hato T, Dagher PC, Wu XR, El-Achkar TM, Micanovic R. (2019) Circulating uromodulin inhibits systemic oxidative stress by inactivating the TRPM2 channel. <i>Sci Transl Med.</i> 11(512):eaaw3639. PMID: PMC7034444.
207. Leaf DE, Rajapurkar M, Lele SS, Mukhopadhyay B, Boerger EAS, Mc Causland FR, Eisenga MF, Singh K, Babitt JL, Kellum JA, Palevsky PM, Christov M, Waikar SS. (2019) Iron, Hepcidin, and Death in Human AKI. <i>J Am Soc Nephrol.</i> 30(3):493-504. PMID: PMC6405140 .
208. Lever JM, Hull TD, Boddu R, Pepin ME, Black LM, Adedoyin OO, Yang Z, Traylor AM, Jiang Y, Li Z, Peabody JE, Eckenrode HE, Crossman DK, Crowley MR, Bolisetty S, Zimmerman KA, Wende AR, Mrug M, Yoder BK, Agarwal A, George JF. (2019) Resident macrophages reprogram toward a developmental state after acute kidney injury. <i>JCI Insight.</i> 4(2):pii:125503. PMID: PMC6413788 .
209. Lewis WR, Bales KL, Revell DZ, Croyle MJ, Engle SE, Song CJ, Malarkey EB, Uyttingco CR, Shan D, Antonellis PJ, Nagy TR, Kesterson RA, Mrug MM, Martens JR, Berbari NF, Gross AK, Yoder BK. (2019) Mks6 mutations reveal tissue- and cell type-specific roles for the cilia transition zone. <i>FASEB J.</i> 33(1):1440-1455. PMID: PMC6355093 .
210. Lobo PI, Okusa MD. (2019) Role of Natural IgM and IgM Induced Bregs in Preventing Ischemia Induced Innate Inflammation and Acute Kidney Injury. <i>Nephron.</i> 143(3):166–169. PMID: PMC6821571 .
211. Macedo E, Lima C. (2019) Comprehensive Assessment of Kidney Health in Acute Kidney Injury: Can It Be Achieved? <i>Nephron.</i> 143(3):188–192. PMID: PMC6821574 .
212. Macedo E, Mehta RL. (2019) Does acute kidney disease following primary percutaneous coronary intervention lead to chronic kidney disease development and progression? <i>Coron Artery Dis.</i> 30(2):93-94. PMID: PMC6417504 .
213. Mannon RB. (2019) Acute Kidney Injury in Kidney Transplants: New Insights. <i>Nephron.</i> 143(3):193–196.
214. Miramontes-Gonzalez JP, Hightower M, Zhang K, Kurosaki H, Schork AJ, Biswas N, Vaingankar S, Mahata M, Lipkowitz MS, Nievergelt CM, Baker DG, Ziegler MG, León-Jiménez D, González-Sarmiento R, Ichinose H, O'Connor DT. (2019) A new common functional coding variant at the DDC gene change renal enzyme activity and modify renal dopamine function. <i>Sci Rep.</i> 9(1):5055. PMID: PMC6433864 .
215. Moledina DG, Parikh CR. (2019) Differentiating Acute Interstitial Nephritis from Acute Tubular Injury: A Challenge for Clinicians. <i>Nephron.</i> 143(3):211–216. PMID: PMC6821567 .
216. Montomoli J, Donati A, Ince C. (2019) Acute Kidney Injury and Fluid Resuscitation in Septic Patients: Are We Protecting the Kidney?. <i>Nephron.</i> 143(3):170–173. PMID: PMC6878740 .
217. Mrug S, Orihuela C, Mrug M, Sanders PW. (2019) Sodium and potassium excretion predict increased depression in urban adolescents. <i>Physiol Rep.</i> 7(16):e14213. PMID: PMC6708056 .
218. Mustian MN, Kumar V, Stegner K, Mompoin-Williams D, Hanaway M, Deierhoi MH, Young C, Orandi BJ, Anderson D, MacLennan PA, Reed RD, Shelton BA, Eckhoff D, Locke JE. (2019) Mitigating Racial and Sex Disparities in Access to Living Donor Kidney Transplantation: Impact of the Nation's Longest Single-center Kidney Chain. <i>Ann Surg.</i> 270(4):639-646. PMID: PMC6788625 .
219. Nespoux J, Patel R, Hudkins KL, Huang W, Freeman B, Kim YC, Koepsell H, Alpers CE, Vallon V. (2019) Gene deletion of the Na ⁺ -glucose cotransporter SGLT1 ameliorates kidney recovery in a murine model of acute kidney injury induced by ischemia-reperfusion. <i>Am J Physiol Renal Physiol.</i> 316(6):F1201-F1210. PMID: PMC6620597 .
220. Novikov A, Fu Y, Huang W, Freeman B, Patel R, van Ginkel C, Koepsell H, Busslinger M, Onishi A, Nespoux J, Vallon V. (2019) SGLT2 inhibition and renal urate excretion: role of luminal glucose, GLUT9, and URAT1. <i>Am J Physiol Renal Physiol.</i> 316(1):F173-F185. PMID: PMC6383194 .
221. Onishi A, Fu Y, Darshi M, Crespo-Masip M, Huang W, Song P, Patel R, Kim YC, Nespoux J, Freeman B, Soleimani M, Thomson S, Sharma K, Vallon V. (2019) Effect of renal tubule-specific knockdown of the Na ⁺ /H ⁺ exchanger NHE3 in Akita diabetic mice. <i>Am J Physiol Renal Physiol.</i> 317(2):F419-F434. PMID: PMC6732454 .
222. Pagani F, Cantaluppi V. (2019) Renal Injury During Preclampsia: Role of Extracellular Vesicles. <i>Nephron.</i> 143(3):197–201.

223. Panthi S, Chen J, Wilson L, Nichols JJ. (2019) Detection of Lipid Mediators of Inflammation in the Human Tear Film. <i>Eye Contact Lens</i> . 45(3):171-181. PMID: PMC6450790 .
224. Parikh SM. (2019) Metabolic Stress Resistance in Acute Kidney Injury: Evidence for a PPAR-Gamma-Coactivator-1 Alpha-Nicotinamide Adenine Dinucleotide Pathway. <i>Nephron</i> . 143(3):184–187. PMID: PMC6821556 .
225. Paulsen G, Cumagun P, Mixon E, Fowler K, Feig D, Shimamura M. (2019) Cytomegalovirus and Epstein-Barr virus infections among pediatric kidney transplant recipients at a center using universal Valganciclovir Prophylaxis. <i>Pediatr Transplant</i> . 23(3):e13382. PMID: PMC6650320 .
226. Pike D, Shiu YT, Cho YF, Le H, Somarathna M, Isayeva T, Guo L, Symons JD, Kevil CG, Totenhagen J, Lee T. (2019) The effect of endothelial nitric oxide synthase on the hemodynamics and wall mechanics in murine arteriovenous fistulas. <i>Sci Rep</i> . 9(1):4299. PMID: PMC6414641 .
227. Poudel N, Okusa MD. (2019) Pannexins in Acute Kidney Injury. <i>Nephron</i> . 143(3):158-161. PMID: PMC6821569 .
228. Ramos S, Carlos AR, Sundaram B, Jeney V, Ribeiro A, Gozzelino R, Bank C, Gjini E, Braza F, Martins R, Ademolue TW, Blankenhau B, Gouveia Z, Faísca P, Trujillo D, Cardoso S, Rebelo S, Del Barrio L, Zarjou A, Bolisetty S, Agarwal A, Soares MP. (2019) Renal control of disease tolerance to malaria. <i>Proc Natl Acad Sci USA</i> . 116(2):5681-5686. PMID: PMC6431151 .
229. Reilly C, Stewart TJ, Renfrow MB, Novak J. (2019) Glycosylation in health and disease. <i>Nat Rev Nephrol</i> . 15(6):346-366. PMID: PMC6590709 .
230. Shan D, Rezonzew G, Mullen S, Roye R, Zhou J, Chumley P, Revell DZ, Challa A, Kim H, Lockhart ME, Schoeb TR, Croyle MJ, Kesterson RA, Yoder BK, Guay-Woodford LM, Mrug M. (2019) Heterozygous Pkhd1 ^{C642*} mice develop cystic liver disease and proximal tubule ectasia that mimics radiographic signs of medullary sponge kidney. <i>Am J Physiol Renal Physiol</i> . 316(3):F463-F472. PMID: PMC6442377 .
231. Song P, Huang W, Onishi A, Patel R, Kim YC, van Ginkel C, Fu Y, Freeman B, Koepsell H, Thomson S, Liu R, Vallon V. (2019) Knockout of Na ⁺ -glucose cotransporter SGLT1 mitigates diabetes-induced upregulation of nitric oxide synthase NOS1 in the macula densa and glomerular hyperfiltration. <i>Am J Physiol Renal Physiol</i> . 317(1):F207-F217. PMID: PMC6692722 .
232. Soni H, Peixoto-Neves D, Olushoga MA, Adebisi A. (2019) Pharmacological inhibition of TRPV4 channels protects against ischemia-reperfusion-induced renal insufficiency in neonatal pigs. <i>Clin Sci (Lond)</i> . 133(9). pii: CS20180815.
233. Tiwary E, Hu M, Miller MA, Prasain JK. (2019) Signature profile of cyclooxygenase-independent F2 series prostaglandins in <i>C. elegans</i> and their role in sperm motility. <i>Sci Rep</i> . 9(1):11750. PMID: PMC6692340 .
234. Uchida M, Maier B, Waghwan HK, Selivanovitch E, Pay SL, Avera J, Yun E, Sandoval RM, Molitoris BA, Zollman A, Douglas T, Hato T. (2019) The archaeal Dps nanocage targets kidney proximal tubules via glomerular filtration. <i>J Clin Invest</i> . 129(9):3941-3951. PMID: PMC6715384 .
235. Wood KD, Holmes RP, Erbe D, Liebow A, Fargue S, Knight J. (2019) Reduction in urinary oxalate excretion in mouse models of Primary Hyperoxaluria by RNA interference inhibition of liver lactate dehydrogenase activity. <i>Biochim Biophys Acta Mol Basis Dis</i> . 1865(9):2203-2209. PMID: PMC6613992 .
236. Ying WZ, Li X, Rangarajan S, Feng W, Curtis LM, Sanders PW. (2019) Immunoglobulin light chains generate proinflammatory and profibrotic kidney injury. <i>J Clin Invest</i> . 130:2792-2806. PMID: PMC6597222 .
237. Zarjou A, Black LM, Bolisetty S, Traylor AM, Bowhay SA, Zhang MZ, Harris RC, Agarwal A. (2019) Dynamic signature of lymphangiogenesis during acute kidney injury and chronic kidney disease. <i>Lab Invest</i> . 99(9):1376-1388. PMID: PMC6716993 .
238. Zimmerman KA, Bentley MR, Lever JM, Li Z, Crossman DK, Song CJ, Liu S, Crowley MR, George JF, Mrug M, Yoder BK. (2019) Single-Cell RNA Sequencing Identifies Candidate Renal Resident Macrophage Gene Expression Signatures across Species. <i>J Am Soc Nephrol</i> . 30(5):767-781. PMID: PMC6493978 .
239. Zimmerman KA, Song CJ, Li Z, Lever JM, Crossman DK, Rains A, Aloria EJ, Gonzalez NM, Bassler JR, Zhou J, Crowley MR, Revell DZ, Yan Z, Shan D, Benveniste EN, George JF, Mrug M, Yoder BK. (2019) Tissue-Resident Macrophages Promote Renal Cystic Disease. <i>J Am Soc Nephrol</i> . 30(10):1841-1856. PMID: PMC6779366 .
240. Zumaquero E, Stone SL, Scharer CD, Jenks SA, Nellore A, Mousseau B, Rosal-Vela A, Botta D, Bradley JE, Wojciechowski W, Ptacek T, Danila MI, Edberg JC, Bridges SL, Kimberly RP, Chatham WW, Schoeb TR, Rosenberg AF, Boss JM, Sanz I, Lund FE. (2019) IFN γ induces epigenetic programming of human T-bethi B cells and promotes TLR7/8 and IL-21 induced differentiation. <i>Elife</i> 8 pii.e41641. PMID: PMC6544433 .

2018
241. Adedoyin O, Boddu R, Traylor AM, Lever JM, Bolisetty S, George J, Agarwal A. (2018) Heme Oxygenase-1 Mitigates Ferroptosis in Renal Proximal Tubule Cells. <i>Am J Physiol Renal Physiol</i> . 314(5):F702-F714. PMID: PMC6031916 .
242. Alasmari F, Crotty Alexander LE, Drummond CA, Sari Y. (2018) A computerized exposure system for animal models to optimize nicotine delivery into the brain through inhalation of electronic cigarette vapors or cigarette smoke. <i>Saudi Pharm J</i> . 26(5):622-628. PMID: PMC6035328 .
243. Andringa KK, Mehta RL, Sanders PW, Agarwal A. (2018) Changing Paradigms in Acute Kidney Injury: From Mechanisms to Management: Proceedings of the 8th Annual UAB-UCSD O'Brien Center Symposium. <i>Nephron</i> . 140(2):79-80.
244. Arthur JM, Karakala N, Edmondson RD. (2018) Proteomic Analysis for Identification of Biomarkers that Predict Severe Acute Kidney Injury. <i>Nephron</i> . 140(2):129-133. PMID: PMC6398162 .
245. Bernard K, Logsdon NJ, Benavides GA, Sanders Y, Zhang J, Darley-Usmar VM, Thannickal VJ. (2018) Glutaminolysis is required for transforming growth factor- β 1-induced myofibroblast differentiation and activation. <i>J Biol Chem</i> . 293(4):1218-1228. PMID: PMC5787800 .
246. Black LM, Lever JM, Traylor AM, Chen B, Yang Z, Esman SK, Jiang Y, Cutter GR, Boddu R, George JF, Agarwal A. (2018) Divergent effects of AKI to CKD models on inflammation and fibrosis. <i>Am J Physiol Renal Physiol</i> . 315(4):F1107-F1118. PMID: PMC6230746 .
247. Crotty Alexander LE, Drummond CA, Hepokoski M, Mathew DP, Moshensky A, Willeford A, Das S, Singh P, Yong Z, Lee JH, Vega K, Du A, Shin J, Javier C, Tian J, Brown JH, Breen EC. (2018) Chronic Inhalation of E-Cigarette Vapor Containing Nicotine Disrupts Airway Barrier Function and Induces Systemic Inflammation and Multi-Organ Fibrosis in Mice. <i>Am J Physiol Regul Integr Comp Physiol</i> . 314(6):R834-R847. PMID: PMC6032308 .
248. Endre ZH. (2018) Assessing Renal Recovery after Acute Kidney Injury: Can Biomarkers Help? <i>Nephron</i> . 2018;140(2):86-89.
249. Fattah H, Vallon V. (2018) The Potential Role of SGLT2 Inhibitors in the Treatment of Type 1 Diabetes Mellitus. <i>Drugs</i> . 78(7):717-726. PMID: PMC6429906 .
250. Fattah H, Vallon V. (2018) Tubular Recovery after Acute Kidney Injury. <i>Nephron</i> . 140(2):140-143. PMID: PMC6432909 .
251. Feng D, Notbohm J, Benjamin A, He S, Wang M, Ang LH, Bantawa M, Bouzid M, Del Gado E, Krishnan R, Pollak MR. (2018) Disease-causing mutation in α -actinin-4 promotes podocyte detachment through maladaptation to periodic stretch. <i>Proc Natl Acad Sci USA</i> . 115(7):1517-1522. PMID: PMC5816190 .
252. Fiorentino M, Kellum JA. (2018) Improving Translation from Preclinical Studies to Clinical Trials in Acute Kidney Injury. <i>Nephron</i> . 140(2):81-85.
253. Fu Y, Breljak D, Onishi A, Batz F, Patel R, Huang W, Song P, Freeman B, Mayoux E, Koepsell H, Anzai N, Nigam SK, Sabolić I, Vallon V. (2018) The organic anion transporter OAT3 enhances the glucosuric effect of the SGLT2 inhibitor empagliflozin. <i>Am J Physiol Renal Physiol</i> . 315(2):F386-F394. PMID: PMC6139528 .
254. Garg AX, Devereaux PJ, Hill A, Sood M, Aggarwal B, Dubois L, Hiremath S, Guzman R, Iyer V, James M, McArthur E, Moist L, Ouellet G, Parikh CR, Schumann V, Sharan S, Thiessen-Philbrook H, Tobe S, Wald R, Walsh M, Weir M, Pannu N, Curcumin AAA AKI Investigators. (2018) Oral curcumin in elective abdominal aortic aneurysm repair: a multicentre randomized controlled trial. <i>CMAJ</i> . 190(43):E1273-E1280. PMID: PMC6205831 .
255. Guan Z, Wang F, Cui X, Inscho EW. (2018) Mechanisms of Sphingosine-1 phosphate-mediated Vasoconstriction of Rat Afferent Arterioles. <i>Acta Physiol (Oxf)</i> . 222(2). PMID: PMC5741527 .
256. Hepokoski ML, Malhotra A, Singh P, Crotty Alexander LE. (2018) Ventilator-Induced Kidney Injury: Are Novel Biomarkers the Key to Prevention? <i>Nephron</i> . 140(2):90-93. PMID: PMC6165693 .
257. Jones TF, Bekele S, O'Dwyer MJ, Prowle JR. (2018) MicroRNAs in Acute Kidney Injury. <i>Nephron</i> . 140(2):124-128.
258. Layton AT, Edwards A, Vallon V. (2018) Renal potassium handling in rats with subtotal nephrectomy: modeling and analysis. <i>Am J Physiol Renal Physiol</i> . 314(4):F643-F657. PMID: PMC5966763 .
259. Layton AT, Vallon V. (2018) Renal tubular solute transport and oxygen consumption: insights from computational models. <i>Curr Opin Nephrol Hypertens</i> . 27(5):384-389.

260.	Layton AT, Vallon V. (2018) SGLT2 Inhibition in a Kidney with Reduced Nephron Number: Modeling and Analysis of Solute Transport and Metabolism. <i>Am J Physiol Renal Physiol</i> . 314(5):F969-F984. PMID: PMC6031905 .
261.	Leaf DE, Siew ED, Eisenga MF, Singh K, Mc Causland FR, Srivastava A, Ikizler TA, Ware LB, Ginde AA, Kellum JA, Palevsky PM, Wolf M, Waikar SS. (2018) Fibroblast Growth Factor 23 Associates with Death in Critically Ill Patients. <i>Clin J Am Soc Nephrol</i> . 13(4):531-541. PMID: PMC5969465 .
262.	Lever JM, Yang Z, Boddu R, Adedoyin OO, Guo L, Joseph R, Traylor AM, Agarwal A, George JF. (2018) Parabiosis Reveals Leukocyte Dynamics in the Kidney. <i>Lab Invest</i> . 98(3):397-402. PMID: PMC5839939 .
263.	Li M, Boddada SR, Chen B, Zeng Q, Schoeb TR, Velazquez VM, Shimamura M. (2018) NK cell and Th17 responses are differentially induced in murine cytomegalovirus infected renal allografts and vary according to recipient virus dose and strain. <i>Am J Transplant</i> . 18(11):2647-2662. PMID: PMC6191363 .
264.	Maarouf OH, Uehara M, Kasinath V, Solhjoui Z, Banouni N, Bahmani B, Jiang L, Yilmam OA, Guleria I, Lovitch SB, Grogan JL, Fiorina P, Sage PT, Bromberg JS, McGrath MM, Abdi R. (2018) Repetitive ischemic injuries to the kidneys result in lymph node fibrosis and impaired healing. <i>JCI Insight</i> . 3(13). pii: 120546. PMID: PMC6124521 .
265.	Macedo E, Cerdá J, Hingorani S, Hou J, Bagga A, Burdman EA, Rocco VM, Mehta RL. (2018) Recognition and management of acute kidney injury in children: The ISN 0by25 Global Snapshot study. <i>PLoS One</i> . 13(5):e0196586. PMID: PMC5929512 .
266.	Mannon RB. (2018) Delayed Graft Function: The AKI of Kidney Transplantation. <i>Nephron</i> . 140(2):94-98. PMID: PMC6165700 .
267.	Masuda T, Watanabe Y, Fukuda K, Watanabe M, Onishi A, Ohara K, Imai T, Koepsell H, Muto S, Vallon V, Nagata D. (2018) Unmasking a sustained negative effect of SGLT2 inhibition on body fluid volume in the rat. <i>Am J Physiol Renal Physiol</i> . 315(3):F653-F664. PMID: PMC6734084 .
268.	Mills BB, Thomas AD, Riddle NC. (2018) HP1B is a euchromatic Drosophila HP1 homolog with links to metabolism. <i>PLoS One</i> . 13(10):e0205867. PMID: PMC6197686 .
269.	Mir SA, Li Y, Story JD, Bal S, Awdishu L, Street AA, Mehta RL, Singh P, Vaingankar SM. (2018) Mice overexpressing chromogranin A display hypergranulogenic adrenal glands with attenuated ATP levels contributing to the hypertensive phenotype. <i>J Hypertens</i> . 36(5):1115-1128. PMID: PMC6462411 .
270.	Nespoux J, Vallon V. (2018) SGLT2 inhibition and kidney protection. <i>Clin Sci (Lond)</i> . 132(12):1329-1339. PMID: PMC6648703 .
271.	Neyra JA, Leaf DE. (2018) Risk Prediction Models for Acute Kidney Injury in Critically Ill Patients: Opus in Progressu. <i>Nephron</i> . 140(2):99-104. PMID: PMC6165676 .
272.	Palevsky PM. (2018) Endpoints for Clinical Trials of Acute Kidney Injury. <i>Nephron</i> . 140(2):111-115.
273.	Pang P, Abbott M, Abdi M, Fucci QA, Chauhan N, Mistri M, Proctor B, Chin M, Wang B, Yin W, Lu TS, Halim A, Lim K, Handy DE, Loscalzo J, Siedlecki AM. (2018) Pre-clinical model of severe glutathione peroxidase-3 deficiency and chronic kidney disease results in coronary artery thrombosis and depressed left ventricular function. <i>Nephrol Dial Transplant</i> . 33(6):923-934. PMID: PMC5982720 .
274.	Patel M, Yarlagadda V, Adedoyin O, Saini V, Assimos DG, Holmes RP, Mitchell T. (2018) Oxalate induces mitochondrial dysfunction and disrupts redox homeostasis in a human monocyte derived cell line. <i>Redox Biol</i> . 15:207-215. PMID: PMC5975227 .
275.	Pathak CM, Ix JH, Anderson CAM, Woodell TB, Smits G, Persky MS, Block GA, Rifkin DE. (2018) Variation in Sodium Intake and Intra-individual Change in Blood Pressure in Chronic Kidney Disease. <i>J Ren Nutr</i> . 28(2):125-128. PMID: PMC5825234 .
276.	Pier B, Edmonds JW, Wilson L, Arabshahi A, Moore R, Bates GW, Prasain JK, Miller MA. (2018) Comprehensive profiling of prostaglandins in human ovarian follicular fluid using mass spectrometry. <i>Prostaglandins Other Lipid Mediat</i> . 134:7-15. PMID: PMC5803327 .
277.	Rabb H, Pluznick J, Noel S. (2018) The Microbiome and Acute Kidney Injury. <i>Nephron</i> . 140(2):120-123. PMID: PMC6292672 .
278.	Redmann M, Benavides GA, Wani WY, Berryhill TF, Ouyang X, Johnson MS, Ravi S, Mitra K, Barnes S, Darley-Usmar VM, Zhang J. (2018) Methods for assessing mitochondrial quality control mechanisms and cellular consequences in cell culture. <i>Redox Biol</i> . 17:59-69. PMID: PMC6006680 .
279.	Rieg T, Vallon V. (2018) Development of SGLT1 and SGLT2 inhibitors. <i>Diabetologia</i> 61(10):2079-2086. PMID: PMC6124499 .

280.	Romagnoli S, Ricci Z, Ronco C. (2018) Perioperative Acute Kidney Injury: Prevention, Early Recognition, and Supportive Measures. <i>Nephron</i> . 140(2):105-110.
281.	Shin B, Kress RL, Kramer PA, Darley-Usmar VM, Bellis SL, Harrington LE. (2018) Effector CD4 T cells with progenitor potential mediate chronic intestinal inflammation. <i>J Exp Med</i> . 215(7):1803-1812. PMCID: PMC6028516 .
282.	Singal AK, Jackson B, Pereira GB, Russ KB, Fitzmorris PS, Kakati D, Axley P, Ravi S, Seay T, Ramachandra Rao SP, Mehta R, Kuo YF, Singh KP, Agarwal A. (2018) Biomarkers of Renal Injury in Cirrhosis: Association with Acute Kidney Injury and Recovery after Liver Transplantation. <i>Nephron</i> . 138(1):1-12. PMCID: PMC5828970 .
283.	Srivastava RK, Traylor AM, Li C, Feng W, Guo L, Antony VB, Schoeb TR, Agarwal A, Athar M. (2018) Cutaneous exposure to lewisite causes acute kidney injury by invoking DNA damage and autophagic response. <i>Am J Physiol Renal Physiol</i> . 314(6):F1166-F1176. PMCID: PMC6032074 .
284.	Swaminathan S. (2018) Iron Homeostasis Pathways as Therapeutic Targets in Acute Kidney Injury. <i>Nephron</i> . 140(2):156-159. PMCID: PMC6165684 .
285.	Tanaka S, Okusa MD. (2018) Optogenetics in Understanding Mechanisms of Acute Kidney Injury. <i>Nephron</i> . 140(2):152-155. PMCID: PMC6165674 .
286.	Thomson SC, Vallon V. (2018) Renal Effects of Incretin-Based Diabetes Therapies: Pre-clinical Predictions and Clinical Trial Outcomes. <i>Curr Diab Rep</i> . 18(5):28. PMCID: PMC6426321 .
287.	van Groenendaal R, Kox M, van Eijk LT, Pickkers P. (2018) Immunomodulatory and Kidney-Protective Effects of the Human Chorionic Gonadotropin Derivate EA-230. <i>Nephron</i> . 140(2):148-151. PMCID: PMC6214607 .
288.	von Mässenhausen A, Tonnus W, Linkermann A. (2018) Cell Death Pathways Drive Necroinflammation during Acute Kidney Injury. <i>Nephron</i> . 140(2):144-147.
289.	Wilson FP, Greenberg JH. (2018) Acute Kidney Injury in Real Time: Prediction, Alerts, and Clinical Decision Support. <i>Nephron</i> . 140(2):116-119. PMCID: PMC6165685 .
290.	Winfree S, Dagher PC, Dunn KW, Eadon MT, Ferkowicz M, Barwinska D, Kelly KJ, Sutton TA, El-Achkar TM. (2018) Quantitative Large-Scale Three-Dimensional Imaging of Human Kidney Biopsies: A Bridge to Precision Medicine in Kidney Disease. <i>Nephron</i> . 140(2):134-139. PMCID: PMC6165680 .
291.	Yeboah MM, Hye Khan MA, Chesnik MA, Skibba M, Kolb LL, Imig JD. (2018) Role of the cytochrome P-450/ epoxyeicosatrienoic acids pathway in the pathogenesis of renal dysfunction in cirrhosis. <i>Nephrol Dial Transplant</i> . 33(8):1333-1343. PMCID: PMC6070028 .