

### **Elenco delle pubblicazioni (2021-2022):**

- 1) Role of microRNAs in aquaporin 2 regulation. Petrillo F, Trepiccione F. *Curr Opin Nephrol Hypertens*. 2022 Sep 1;31(5):502-507. doi: 10.1097/MNH.0000000000000825. Epub 2022 Jul 15.
- 2) Dapagliflozin Prevents Kidney Glycogen Accumulation and Improves Renal Proximal Tubule Cell Functions in a Mouse Model of Glycogen Storage Disease Type 1b. D'Acerno M, Resaz , Iervolino A, Nielsen R, Sardella D, Siccardi S, Costanzo V, D'Apolito L, Suzumoto Y, Segalerba D, Astigiano S, Perna AF, Capasso G, Eva A, Trepiccione F. *J Am Soc Nephrol*. 2022 Oct;33(10):1864-1875.
- 3) The Probe for Renal Organic Cation Secretion (4-Dimethylaminostyryl)-N-Methylpyridinium (ASP+) Shows Amplified Fluorescence by Binding to Albumin and Is Accumulated In Vivo. Engbjerg JS, Costanzo V, Sardella D, Bordoni L, Jakobsen S, D'Apolito L, Frøkiær J, Trepiccione F, Capasso G, Frische S. *Mol Imaging*. 2022 Mar 22;2022:7908357
- 4) Single nephron glomerular filtration rate measured by linescan multiphoton microscopy compared to conventional micropuncture Costanzo V, D'Apolito L, Sardella D, Iervolino A, La Manna G, Capasso G, Frische S, Trepiccione F. *Pflugers Arch*. 2022 Jul;474(7):733-741
- 5) Parathyroid hormone and phosphate homeostasis in patients with Bartter and Gitelman syndrome: an international cross-sectional study. Verploegen MFA, Vargas-Poussou R, Walsh SB, Alpay H, Amouzegar A, Ariceta G, Atmis B, Bacchetta J, Bárány P, Baron S, Bayrakci US, Belge H, Besouw M, Blanchard A, Bökenkamp A, Boyer O, Burgmaier K, Calò LA, Decramer S, Devuyst O, van Dyck M, Ferraro PM, Fila M, Francisco T, Ghiggeri GM, Gondra L, Guarino S, Hooman N, Hoorn EJ, Houillier P, Kamperis K, Kari JA, Konrad M, Levtchenko E, Lucchetti L, Lugani F, Marzuillo P, Mohidin B, Neuhaus TJ, Osman A, Papizh S, Perelló M, Rookmaaker MB, Conti VS, Santos F, Sawaf G, Serdaroglu E, Szczepanska M, Taroni F, Topaloglu R, Trepiccione F, Vidal E, Wan ER, Weber L, Yildirim ZY, Yüksel S, Zlatanova G, Bockenhauer D, Emma F, Nijenhuis T. *Nephrol Dial Transplant*. 2022 Nov 23;37(12):2474-2486
- 6) Brain dysfunction in tubular and tubulointerstitial kidney diseases. Viggiano D, Bruchfeld A, Carriazo S, de Donato A, Endlich N, Ferreira AC, Figurek A, Fouque D, Franssen CFM, Giannakou K, Goumenos D, Hoorn EJ, Nitsch D, Ortiz A, Pešić V, Rastenyté D, Soler MJ, Rroji M, Trepiccione F, Unwin RJ, Wagner CA, Wiećek A, Zacchia M, Zoccali C, Capasso G; CONNECT Action (Cognitive Decline in Nephro-Neurology European Cooperative Target). *Nephrol Dial Transplant*. 2021 Dec 28;37(Suppl 2):ii46-ii55
- 7) Atorvastatin does not ameliorate nephrogenic diabetes insipidus induced by lithium or potassium depletion in mice. Thomsen ML, Grønkaer C, Iervolino A, Rej S, Trepiccione F, Christensen BM. *Physiol Rep*. 2021 Nov;9(21):e15111
- 8) The SGLT2-inhibitor dapagliflozin improves neutropenia and neutrophil dysfunction in a mouse model of the inherited metabolic disorder GSD1b. Resaz R, Raggi F, Segalerba D, Lavarello C, Gamberucci A, Bosco MC, Astigiano S, Assunto A, Melis D, D'Acerno M, Veiga-da-Cunha M, Petretto A, Marcolongo P, Trepiccione F, Eva A. *Mol Genet Metab Rep*. 2021 Oct 20;29:100813
- 9) Pure Gitelman-like syndrome secondary to SLC26A4 (pendrin) mutation. Trepiccione F, Suzumoto Y, Perna A, Capasso G. *Kidney Int*. 2021 Oct;100(4):947-948
- 10) Drug toxicity in the proximal tubule: new models, methods and mechanisms. Hall AM, Trepiccione F, Unwin RJ. *Pediatr Nephrol*. 2022 May;37(5):973-982
- 11) A case series of adult patients affected by EAST/SeSAME syndrome suggests more severe disease in subjects bearing KCNJ10 truncating mutations Suzumoto Y, Columbano V, Gervasi L, Giunta R, Mattina T, Trimarchi G, Capolongo G, Simeoni M, Perna AF, Zacchia M, Toriello G, Pollastro RM, Rapisarda F, Capasso G, Trepiccione F. *Intractable Rare Dis Res*. 2021 May;10(2):95-101
- 12) Distal renal tubular acidosis: ERKNet/ESPN clinical practice points. Trepiccione F, Walsh SB, Ariceta G, Boyer O, Emma F, Camilla R, Ferraro PM, Haffner D, Konrad M, Levtchenko E, Lopez-Garcia SC, Santos F, Stabouli S, Szczepanska M, Tasic V, Topaloglu R, Vargas-Poussou R, Wlodkowski T, Bockenhauer D. *Nephrol Dial Transplant*. 2021 Aug 27;36(9):1585-159
- 13) Distal renal tubular acidosis: a systematic approach from diagnosis to treatment Giglio S, Montini G, Trepiccione F, Gambaro G, Emma F. *J Nephrol*. 2021 Dec;34(6):2073-2083.

- 14) Dysregulation of Principal Cell miRNAs Facilitates Epigenetic Regulation of AQP2 and Results in Nephrogenic Diabetes Insipidus. Petrillo F, Iervolino A, Angrisano T, Jelen S, Costanzo V, D'Acierno M, Cheng L, Wu Q, Guerriero I, Mazzarella MC, De Falco A, D'Angelo F, Ceccarelli M, Caraglia M, Capasso G, Fenton RA, Trepiccione F. *J Am Soc Nephrol*. 2021 Jun 1;32(6):1339-1354
- 15) Diagnosis and management of Bartter syndrome: executive summary of the consensus and recommendations from the European Rare Kidney Disease Reference Network Working Group for Tubular Disorders. Konrad M, Nijenhuis T, Ariceta G, Bertholet-Thomas A, Calo LA, Capasso G, Emma F, Schlingmann KP, Singh M, Trepiccione F, Walsh SB, Whitton K, Vargas-Poussou R, Bockenhauer D. *Kidney Int*. 2021 Feb;99(2):324-335
- 16) Urinary proteomics reveals key markers of salt sensitivity in hypertensive patients during saline infusion. Matafora V, Lanzani C, Zagato L, Manunta P, Zacchia M, Trepiccione F, Simonini M, Capasso G, Bachi A. *J Nephrol*. 2021 Jun;34(3):739-751
- 17) Treatment and long-term outcome in primary nephrogenic diabetes insipidus. Lopez-Garcia SC, Downie ML, Kim JS, Boyer O, Walsh SB, Nijenhuis T, Papizh S, Yadav P, Reynolds BC, Decramer S, Besouw M, Perelló Carrascosa M, La Scola C, Trepiccione F, Ariceta G, Hummel A, Dossier C, Sayer JA, Konrad M, Keijzer-Veen MG, Awan A, Basu B, Chauveau D, Madariaga L, Koster-Kamphuis L, Furlano M, Zacchia M, Marzuillo P, Tse Y, Dursun I, Pinarbasi AS, Tramma D, Hoorn EJ, Gokce I, Nicholls K, Eid LA, Sartz L, Riordan M, Hooman N, Printza N, Bonny O, Arango Sancho P, Schild R, Sinha R, Guarino S, Martinez Jimenez V, Rodríguez Peña L, Belge H, Devuyt O, Wlodkowski T, Emma F, Levchenko E, Knoers NVAM, Bichet DG, Schaefer F, Kleta R; European NDI Consortium; Bockenhauer D. *Nephrol Dial Transplant*. 2020 Dec 26:gfaa243