

**[Major advances in pediatric nephro-genetics]**

*Hureaux, M ; Heidet, L ; Vargas-Poussou, R ; Dorval, G*

Review.Med Sci (Paris). 2023 Mar;39(3):234-245. doi: 10.1051/medsci/2023028. Epub 2023 Mar 21.

**[Neurological disorders and hereditary podocytopathies: Some fascinating pathophysiological overlaps].**

*Boyer, O ; Mollet, G ; Dorval, G*

Review Med Sci (Paris). 2023 Mar;39(3):246-252. doi: 10.1051/medsci/2023029. Epub 2023 Mar 21

**Pediatric nephrology**

*Dorval, G ; Boyer, O*

Medicine sciences: M/S 39(3):205.2023.DOI:10.1051/medsci/2023026

**[Towards understanding chronic kidney disease].**

*Vergnaud, P ; Cohen, C ; Isnard, P*

Med Sci (Paris). 2023 Mar;39(3):265-270. doi: 10.1051/medsci/2023033. Epub 2023 Mar 21.

**A multicenter retrospective study of calcineurin inhibitors in nephrotic syndrome secondary to podocyte gene variants.**

*Malakasioti, G ; Iancu, D ; Milovanova, A ; Tsygin, A ; Horinouchi, T ; Nagano, C & al*

Multicenter Study Kidney Int. 2023 May;103(5):962-972. doi: 10.1016/j.kint.2023.02.022. Epub 2023 Mar 8.

**A specific molecular signature in SARS-CoV-2-infected kidney biopsies.**

*Isnard, P ; Vergnaud, P ; Garbay, S ; Jamme, M ; Eloudzeri, M ; Karras, A & al*

JCI Insight. 2023 Mar 8;8(5):e165192. doi: 10.1172/jci.insight.165192

**A wave of deep intronic mutations in X-linked Alport syndrome.**

*Boisson, M ; Arrondel, C ; Cagnard, N ; Morinière, V ; Arkoub, ZA ; Saei, H & al*

idney Int. 2023 Aug;104(2):367-377. doi: 10.1016/j.kint.2023.05.006. Epub 2023 May 23

**Acute tubulointerstitial nephritis with or without uveitis: a novel form of post-acute COVID-19 syndrome in children.**

*Avramescu, M ; Isnard, P ; Temmam, S ; Chevalier, A ; Bastard, P ; Attia, M & al*

Kidney Int. 2023 Mar 12;103(6):1193–1198. doi: 10.1016/j.kint.2023.02.028

**Adeno-associated virus gene therapy prevents progression of kidney disease in genetic models of nephrotic syndrome.**

*Ding, WY ; Kuzmuk, V ; Hunter, S ; Lay, A ; Hayes, B ; Beesley, M & al*

Sci Transl Med. 2023 Aug 9;15(708):eabc8226. doi: 10.1126/scitranslmed.abc8226. Epub 2023 Aug 9

**An automated histological classification system for precision diagnostics of kidney allografts.**

*Yoo, D ; Goutaudier, V ; Divard, G ; Gueguen, J ; Astor, BC ; Aubert, O & al*

Nat Med. 2023 May;29(5):1211-1220. doi: 10.1038/s41591-023-02323-6. Epub 2023 May 4.

### **ANCA-associated vasculitis in children.**

*Bernardi, S ; Seugé, L ; Boyer, O*

Nephrology Dialysis Transplantation, Volume 38, Issue 1, January 2023, Pages 66–69,

<https://doi.org/10.1093/ndt/gfac265>

### **Benefits of BNP/NT-proBNP serum level evaluation for dry weight adjustment in pediatric hemodialysis patients.**

*Mouche, A ; Parmentier, C ; Fendri, F ; Herbez-Rea, C ; Couderc, A ; Dehoux, L & al*

Observational Study *Pediatr Nephrol.* 2023 Mar;38(3):811-818. doi: 10.1007/s00467-022-05658-3.

Epub 2022 Jun 27.

### **Biallelic *NPR1* loss of function variants are responsible for neonatal systemic hypertension.**

*Capri, Y ; Kwon, T ; Boyer, O ; Bourmance, L ; Testa, N ; Baudouin, V & al*

*J Med Genet.* 2023 Oct;60(10):993-998. doi: 10.1136/jmg-2023-109176. Epub 2023 Apr 20.

### **Bi-allelic pathogenic variants in *ITGA8* cause slowly progressive renal disease of unknown etiology.**

*Gómez-Conde, S ; Dunand, O ; Hummel, A ; Morinière, V ; Gauthier, M ; Mesnard, L & al*

*Clin Genet.* 2023 Jan;103(1):114-118. doi: 10.1111/cge.14229. Epub 2022 Sep 17

### **Bone mineral density and growth changes in patients with distal renal tubular acidosis after two-years treatment with a new alkalizing drug (ADV7103).**

*Bertholet-Thomas, A ; Manso-Silván, MA ; Navas-Serrano, V ; Guittet, C ; Joukoff, S ; Bacchetta, J & al*

*Nefrologia (Engl Ed).* 2023 Jul-Aug;43(4):458-466. doi: 10.1016/j.nefro.2022.02.012. Epub 2022 Dec

16.

### **Clinical practice recommendations for primary hyperoxaluria: an expert consensus statement from ERKNet and OxalEurope.**

*Groothoff, JW ; Metry, E ; Deesker, L ; Garrelfs, S ; Acquaviva, C ; Almardini, R & al*

Review *Nat Rev Nephrol.* 2023 Mar;19(3):194-211. doi: 10.1038/s41581-022-00661-1. Epub 2023 Jan

5.

### **Diagnostic dilemma in a 3-year-old girl with acute nephritic syndrome and hematologic abnormalities: Answers.**

*Innocenti, S ; Bernardi, S ; Prévot, M ; Saldmann, A ; Tusseau, M ; Belot, A & al*

Case Reports. *Pediatr Nephrol.* 2023 Jul;38(7):2069-2076. doi: 10.1007/s00467-022-05752-6.

### **Dietary supplementation of cystinotic mice by lysine inhibits the megalin pathway and decreases kidney cystine content.**

*Rega, LR ; Janssens, V ; Graversen, JH ; Moestrup, SK ; Cairoli, S ; Goffredo, BM & al*

*Sci Rep.* 2023 Oct 12;13(1):17276. doi: 10.1038/s41598-023-43105-x.

**[French Recommendations for a National Competency Framework of Therapeutic Patient Education in Solid Organ Transplantation.](#)**

*Monchaud, C ; Villeneuve, C ; Belaiche, S ; Charbit, M ; Colosio, C ; Houssel, P & al*  
Transplantation. 2023 Mar 1;107(3):549-553. doi: 10.1097/TP.0000000000004354. Epub 2023 Feb 21.

**[Genotype-phenotype Description of Vitamin D-dependent Rickets 1A: CYP27B1 p.\(Ala129Thr\) Variant Induces a Milder Disease.](#)**

*Méaux, MN ; Harambat, J ; Rothenbuhler, A ; Léger, J ; Kamenicky, P ; Soskin, S & al*  
J Clin Endocrinol Metab. 2023 Mar 10;108(4):812-826. doi: 10.1210/clinem/dgac639.

**[Human kidney-derived hematopoietic stem cells can support long-term multilineage hematopoiesis.](#)**

*Sobrinho, S ; Abdo, C ; Neven, B ; Denis, A ; Gouge-Biebuyck, N ; Clave, E & al*  
Kidney Int. 2023 Jan;103(1):70-76. doi: 10.1016/j.kint.2022.08.024. Epub 2022 Sep 13.

**[Induction therapy for pediatric onset class IV lupus nephritis: Mycophenolate Mofetil versus Cyclophosphamide.](#)**

*Chbihi, M ; Eveillard, LA ; Riller, Q ; Brousse, R ; Berthaud, R ; Quartier, P & al*  
J Nephrol. 2023 Apr;36(3):829-839. doi: 10.1007/s40620-022-01438-2. Epub 2022 Oct 8

**[Investigating genotype-to-phenotype correlation in CHARGE syndrome by deep phenotyping and multiparametric clustering.](#)**

*Dana, J ; Dorval, G ; Martin, CS ; Belhous, K ; Levy, R ; Marlin, S & al*  
Clin Genet. 2023 Oct;104(4):466-471. doi: 10.1111/cge.14363. Epub 2023 May 26.

**[Is ABO Incompatible Living Donor Kidney Transplantation in Children a Better Option than the Use of Optimal Grafts From Deceased Donors? A Plea for Better Prioritization of Deceased Kidney Grafts for Children.](#)**

*Boyer, O ; Pape, L*  
Transpl Int. 2023 Sep 18;36:11911. doi: 10.3389/ti.2023.11911. eCollection 2023

**[Is withdrawal of nocturnal hyperhydration possible in children with primary hyperoxaluria treated with RNAi?](#)**

*Biebuyck, N ; Destombes, C ; Prakash, R ; Boyer, O*  
J Nephrol. 2023 Jun;36(5):1473-1476. doi: 10.1007/s40620-023-01611-1. Epub 2023 May 20.

**[Optimizing COVID-19 Vaccination Strategy in Pediatric Kidney Transplant Recipients: Humoral and Cellular Response to SARS-CoV-2 mRNA Vaccination.](#)**

*Nel, I ; Parmentier, C ; Dehoux, L ; Minier, M ; Duneton, C ; Charbit, M & al*  
Transpl Int. 2023 May 12;36:11153. doi: 10.3389/ti.2023.11153. eCollection 2023.

**Outcome of children with IgA vasculitis with nephritis treated with steroids: a matched controlled study.**

Mary, AL ; Clave, S ; Rousset-Rouviere, C ; Berard, E ; Boyer, O ; Decramer, S & al  
Observational Study *Pediatr Nephrol.* 2023 Oct;38(10):3317-3326. doi: 10.1007/s00467-023-05981-3.  
Epub 2023 May 8.

**Overcoming the challenges associated with identification of deep intronic variants by whole genome sequencing.**

Dirix, M ; Gribouval, O ; Arrondel, C ; Benjelloun, S ; Boyer, O ; Charbit, M & al  
*Clin Genet.* 2023 Jun;103(6):693-698. doi: 10.1111/cge.14305. Epub 2023 Feb 6.

**Pediatric ANCA vasculitis: clinical presentation, treatment, and outcomes in a French retrospective study.**

Mahi, SL ; Bahram, S ; Harambat, J ; Allard, L ; Merlin, E ; Belot, A & al  
*Pediatr Nephrol.* 2023 Aug;38(8):2649-2658. doi: 10.1007/s00467-022-05855-0. Epub 2023 Jan 9.

**Prednisolone pharmacokinetics after oral prednisone administration in paediatric patients with kidney transplant.**

Truchis, C ; Bouazza, N ; Foissac, F ; Charbit, M ; Dehoux, L ; Lui, G & al  
*Br J Clin Pharmacol.* 2023 May;89(5):1532-1540. doi: 10.1111/bcp.15610. Epub 2022 Dec 12.

**Renal arcuate vein thrombosis-induced acute kidney injury: a rare multiple-Hit-mediated disease.**

Pardinas, C ; Filipe, R ; Vergnaud, P ; Grapin, M ; Ferrière, E ; Jamet, A & al  
*Clin Kidney J.* 2022 Nov 11;16(2):367-373. doi: 10.1093/ckj/sfac244. eCollection 2023 Feb.

**Renal vein thrombosis in neonates: a case series of diagnosis, treatment and childhood kidney function follow-up.**

Ndoudi Likoho, B ; Berthaud, R ; Dossier, C ; Delbet, JD ; Boyer, O ; Baudouin, V & al

**Ruxolitinib Rescues Multiorgan Clinical Autoimmunity in Patients with APS-1.**

Lévy, R ; Escudier, A ; Bastard, P ; Briand, C ; Polivka, L ; Stoupa, A & al  
*J Clin Immunol.* 2023 Dec 19;44(1):5. doi: 10.1007/s10875-023-01629-x.

**The genetic landscape and clinical spectrum of nephronophthisis and related ciliopathies.**

Petzold, F ; Billot, K ; Chen, X ; Henry, C ; Filhol, E ; Martin, Y & al  
*Kidney Int.* 2023 Aug;104(2):378-387. doi: 10.1016/j.kint.2023.05.007. Epub 2023 May 23

**The Smart Data Extractor, a Clinician Friendly Solution to Accelerate and Improve the Data Collection During Clinical Trials.**

Quennelle, S ; Douillet, M ; Friedlander, L ; Boyer, O ; Neuraz, A ; Burgun, A & al  
*Stud Health Technol Inform.* 2023 May 18;302:247-251. doi: 10.3233/SHTI230112.

**Vaccination practices in pediatric transplantation: A survey among member centers of the European reference network TransplantChild.**

*Donà, D ; Bravo-Gallego, LY ; Remacha, EF ; Cananzi, M ; Gastaldi, A ; Canizalez, JT & al*  
Pediatr Transplant. 2023 Nov;27(7):e14589. doi: 10.1111/petr.14589. Epub 2023 Aug 5.

**Validation of a prediction system for risk of kidney allograft failure in pediatric kidney transplant recipients: An international observational study.**

*Hogan, J ; Divard, G ; Aubert, O ; Garro, R ; Boyer, O ; Donald Cooper, LA & al*  
Observational Study Am J Transplant. 2023 Oct;23(10):1561-1569.

**VNtyper enables accurate alignment-free genotyping of *MUC1* coding VNTR using short-read sequencing data in autosomal dominant tubulointerstitial kidney disease.**

*Saei, H ; Morinière, V ; Heidet, L ; Gribouval, O ; Lebbah, S ; Tores, F & al*  
iScience. 2023 Jun 17;26(7):107171. doi: 10.1016/j.isci.2023.107171. eCollection 2023 Jul 21.