

LIST OF PUBLICATIONS (1989-2011)**A. ORIGINAL PAPERS IN PEER-REVIEWED JOURNALS**

143. Bonomini M, Pandolfi A, Di Liberato L, Di Silvestre S, Cnops Y, Di Tomo P, D'Arezzo M, Monaco MP, Giarinelli A, Di Pietro N, Pandolfi A, **Devuyst O**, Arduini A (2011)
L-carnitine as an osmotic agent for peritoneal dialysis.

Kidney Int, in press (IF – 6.193)

142. Maréchal C, Schlieper G, N'Guyen P, Krüger T, Coche E, Robert A, Floege J, Goffin E, Jadoul M, **Devuyst O** (2011)

Serum fetuin-A levels are associated with vascular calcifications and predict cardiovascular events in renal transplant recipients.

C J Am Soc Nephrol, in press (IF – 4.844)

141. Vargas-Poussou R, Dahan K, Kahila D, Venisse A, Riveira-Munoz E, Debaix H, Grisart B, Bridoux F, Unwin R, Moulin B, Haymann JP, Vantyghem MC, Rigother C, Dussol B, Godin M, Nivet H, Dubourg L, Tack I, Gimenez-Roqueplo AP, Houillier P, Blanchard A, **Devuyst O**, Jeunemaitre X. Spectrum of Mutations in Gitelman Syndrome.

J Am Soc Nephrol. 2011 Mar 17. PMID: 21415153 (IF – 7.505)

140. Momeni M, De Kock M, **Devuyst O**, Liistro G (2011)

Effect of N-acetyl-cysteine and hyperoxia on erythropoietin production.

Eur J Appl Physiol 2011 Mar 11. PMID: 21394639 (IF – 2.047)

139. Raynaud P, Tate J, Callens C, Cordi S, Vandersmissen P, Carpentier R, Sempoux C, **Devuyst O**, Pierreux CE, Courtoy P, Dahan K, Delbecque K, Lepreux S, Pontoglio M, Guay-Woodford LM, Lemaigre FP (2011)

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138. Böger CA, Chen MH, Tin A, Olden M, Köttgen A, Deboer IH, Fuchsberger C, O'Seaghda CM, Pattaro C, Teumer A, Liu CT, Glazer NL, Li M, O'Connell JR, Tanaka T, Peralta CA, Kutalik Z, Luan J, Zhao JH, Hwang SJ, Akyzbekova E, Kramer H, van der Harst P, Smith AV, Lohman K, de Andrade M, Hayward C, Kollerits B, Tönjes A, Aspelund T, Ingelsson E, Eiriksdottir G, Launer LJ, Harris TB, Shuldiner AR, Mitchell BD, Arking DE, Franceschini N, Boerwinkle E, Egan J, Hernandez D, Reilly M, Townsend RR, Lumley T, Siscovick DS, Psaty BM, Kestenbaum B, Haritunians T, Bergmann S, Vollenweider P, Waeber G, Mooser V, Waterworth D, Johnson AD, Florez JC, Meigs JB, Lu X, Turner ST, Atkinson EJ, Leak TS, Aasarød K, Skorpen F, Syvänen AC, Illig T, Baumert J, Koenig W, Krämer BK, **Devuyst O**, Mychaleckyj JC, Minelli C, Bakker SJ, Kedenko L, Paulweber B, Coassin S, Endlich K, Kroemer HK, Biffar R, Stracke S, Völzke H, Stumvoll M, Mägi R, Campbell H, Vitart V, Hastie ND, Gudnason V, Kardia SL, Liu Y, Polasek O, Curhan G, Kronenberg F, Prokopenko I, Rudan I, Arnlöv J, Hallan S, Navis G; the CKDGen Consortium, Parsa A, Ferrucci L, Coresh J, Shlipak MG, Bull SB, Paterson AD; Paterson on behalf of DCCT/EDIC, Wichmann HE, Wareham NJ, Loos RJ, Rotter JI, Pramstaller PP, Cupples LA, Beckmann JS, Yang Q, Heid IM, Rettig R, Dreisbach AW, Bochud M, Fox CS, Kao WH (2011)

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J Am Soc Nephrol 2011 Feb 25. PMID: 21355061 (IF – 7.505)

137. Knoers NV, **Devuyst O**, Kamsteeg EJ (2011)
Clinical utility gene card for: Gitelman syndrome.
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136. Stuiver M, Lainez S, Will C, Terryn S, Günzel D, Debaix H, Sommer K, Kopplin K, Thumfart J, Kampik NB, Querfeld U, Willnow TE, Němec V, Wagner CA, Hoenderop JG, **Devuyst O**, Knoers NV, Bindels RJ, Meij IC, Müller D (2011)
CNNM2, Encoding a Basolateral Protein Required for Renal Mg(2+) Handling, Is Mutated in Dominant Hypomagnesemia.
Am J Hum Genet 88: 333-343 (IF – 12.303)
135. Torres VE, Meijer E, Bae KT, Chapman AB, **Devuyst O**, Gansevoort RT, Grantham JJ, Higashihara E, Perrone RD, Krasa HB, Ouyang JJ, Czerwiec FS.
Rationale and Design of the TEMPO (Tolvaptan Efficacy and Safety in Management of Autosomal Dominant Polycystic Kidney Disease and Its Outcomes) 3-4 Study.
Am J Kidney Dis. 2011 Feb 16. PMID: 21333426 (IF – 4.822)
134. Van Laecke S, Maréchal C, Verbeke F, Peeters P, Van Biesen W, **Devuyst O**, Jadoul M, Vanholder R (2011)
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133. Halleux D, Dahan K, Thauvin-Robinet C, Aral B, Pouteil-Noble C, **Devuyst O**, Pirson Y (2011)
Outcome of kidney transplantation in type I oral-facial-digital syndrome.
Transpl Int 2011 Jan 6. doi: 10.1111/j.1432-2277.2010.01208.x. PMID: 21210864 (IF – 3.254)
132. Piret SE, Danoy P, Dahan K, Reed AA, Pryce K, Wong W, Torres RJ, Puig JG, Müller T, Kotanko P, Lhotta K, **Devuyst O**, Brown MA, Thakker RV (2010)
Genome-wide study of familial juvenile hyperuricaemic (gouty) nephropathy (FJHN) indicates a new locus, FJHN3, linked to chromosome 2p22.1-p21.
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131. Tanaka K, Terryn S, Geffers L, Garbay S, Pontoglio M, **Devuyst O** (2010)
The transcription factor HNF1alpha regulates the expression of the chloride-proton exchanger CIC-5 in the renal proximal tubule.
Am J Physiol Renal Physiol 299: F1339-F1347 (IF – 4.088)
130. Amsellem S, Gburek J, Hamard G, Nielsen R, Willnow TE, **Devuyst O**, Nexø E, Verroust PJ, Christensen EI, Kozyraki R (2010)
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J Am Soc Nephrol 21: 1859-1867 (IF – 7.505)
129. Bellavia S, Dahan K, Terryn S, Cosyns JP, **Devuyst O***, Pirson Y* (2010)
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126. Senou M, Khalifa C, Thimmesch M, Jouret F, **Devuyst O**, Col V, Audinot JN, Lipnik P, Moreno JC, Van Sande J, Dumont JE, Many MC, Colin IM, Gérard AC (2010)
A Coherent Organization of Differentiation Proteins Is Required to Maintain an Appropriate Thyroid Function in the Pendred Thyroid.
J Clin Endocrinol Metab 95: 4021-4030 (IF – 6.202)
125. Nguyen PTH, Henrard S, Coche E, Goffin E, **Devuyst O**, Jadoul M (2010)
Coronary artery calcifications: a strong predictor of cardiovascular events in renal transplant recipients.
Nephrol Dial Transplant 25: 3773-3778 (IF – 3.568)
124. Bernascone I, Janas S, Ikehata M, Trudu M, Corbelli A, Schaeffer C, Rastaldi MP, **Devuyst O**, Rampoldi L (2010)
A transgenic mouse model for uromodulin-associated kidney diseases shows specific tubulo-interstitial damage, urinary concentrating defect and renal failure.
Hum Mol Genet 19: 2998-3010 (IF – 7.593)
123. Leduc-Nadeau A, Lussier Y, Arthus MF, Lonergan M, Martinez-Aguayo A, Riveira-Munoz E, **Devuyst O**, Bissonnette P, Bichet DG (2010)
New autosomal recessive mutations in AQP2 causing nephrogenic diabetes insipidus through deficient targeting display normal expression in *Xenopus* oocytes.
J Physiol 588: 2205-2218 (IF – 4.649)
122. Chambers JC, Zhang W, Lord GM, van der Harst P, Lawlor DA, Sehmi JS, Gale DP, Wass MN, Ahmadi KR, Bakker SJL, Beckmann J, Bilo HJG, Bochud M, Brown MJ, Caulfield MJ, Connell JMC, Cook HT, Cotlarciuc I, Smith GD, de Silva R, Deng G, **Devuyst O**, Dikkeschei LD, Dimkovic N, Dockrell M, Dominiczak A, Ebrahim S, Eggermann T, Farrall M, Ferrucci L, Floege J, Forouhi NG, Gansevoort RT, Han X, Hedblad B, Homan van der Heide JJ, Hepkema BG, Hernandez-Fuentes M, Hypponen E, Johnson T, de Jong PE, Kleefstra N, Lagou V, Lapsley M, Li Y, Loos RJJ, Luan J, Luttrupp K, Maréchal C, Melander O, Munroe PB, Nordfors L, Parsa A, Peltonen L, Penninx BW, Perucha E, Pouta A, Prokopenko I, Roderick PJ, Ruukonen A, Samani NJ, Sanna S, Schalling M, Schlessinger D, Schlieper G, Seelen MAJ, Shuldiner AR, Sjögren M, Smit JH, Snieder H, Soranzo N, Spector TD, Stenvinkel P, Sternberg MJE, Swaminathan R, Tanaka T, Ubink-Veltmaat LJ, Uda M, Vollenweider P, Wallace C, Waterworth D, Zeres K, Waeber G, Wareham NJ, Maxwell PH, McCarthy MI, Jarvelin M, Mooser V, Abecasis GR, Lightstone L, Scott J, Navis G, Elliott P, Kooner JS (2010)
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121. Kanaan N, Goffin E, Pirson Y, **Devuyst O**, Hassoun Z (2010)
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Single photon emission computed tomography (SPECT) for functional investigation of the proximal tubule in conscious mice. (* Equal first authors)
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CLC-5 and KIF3B interact to facilitate CLC-5 plasma membrane expression, endocytosis and microtubular transport: relevance to pathophysiology of Dent's disease.
Am J Physiol Renal Physiol 298: F365-380 (IF – 4.088)
118. Lima WR, Parreira KS, **Devuyst O**, Caplanusi A, N’Kuli F, Marien B, Van Der Smissen P, Alves PMS, Verroux P, Christensen EI, Terzi F, Matter K, Balda MS, Pierreux CE, Courtoy PJ (2010)
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J Am Soc Nephrol 2: 478-488 (IF 7.505)
117. Ahrabi AK, Jouret F, Marbaix E, Delporte C, Horie S, Mulroy S, Boulter C, Sandford R, **Devuyst O** (2010)
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Kidney Int 76: 730-738 (IF – 6.418)
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