

Prof.dr. Martin de Borst
Nutrition Research in Medicine (NiM)
Groningen Institute for Organ Transplantation (GIOT)
Groningen Kidney Center (GKC)



Employment

Nutrition Research in Medicine (NiM)

University of Groningen
1-Apr-2024 → present

Groningen Institute for Organ Transplantation (GIOT)

University of Groningen
Netherlands
1-Jan-2015 → present

Groningen Kidney Center (GKC)

University of Groningen
Netherlands
1-Jan-2012 → present

Research output

Estimating glomerular filtration rate in kidney transplant recipients: considerations for selecting equations

Agarwal, K. A., Adingwupu, O. M., Tighiouart, H., Miao, S., Froissart, M., Mauer, M., Yang, W., Torres, V., de Borst, M., Klintmalm, G., Poggio, E. D., Rossing, P., Velez, R., Grubb, A., Rule, A. D., Shaffi, K., Chami, A., Levey, A. S. & Inker, L. A., Nov-2024, In: *Kidney International*. 106, 5, p. 991-995 5 p.

Does Correction of Secondary Hyperparathyroidism with Extended-Release Calcifediol Provide Renoprotection?

de Borst, M. H., 24-Oct-2024, (E-pub ahead of print) In: *American Journal of Nephrology*.

5/6 Nephrectomy Impairs Acute Kaliuretic Responses and Predisposes to Postprandial Hyperkalemia

Wei, K.-Y., Gritter, M., Danser, A. H. J., Vogt, L., de Borst, M. H., Rotmans, J. I., Imenez Silva, P. H. & Hoorn, E. J., 17-Oct-2024, (E-pub ahead of print) In: *American journal of physiology-Renal physiology*.

Muscle Mass, Muscle Strength, and Health-Related Quality of Life in Kidney Transplant Recipients: Results of the TransplantLines Biobank and Cohort Study

TransplantLines Investigators, Knobbe, T. J., Lenis, G. M. M., van der Vossen, D. A. J., Wentink, J., Kremer, D., Quint, E. E., Gomes-Neto, A. W., Dullaart, R. P. F., Pol, R. A., Berger, S. P., Franssen, C. F. M., Bakker, S. J. L. & Post, A., 10-Oct-2024, (E-pub ahead of print) In: *Kidney International Reports*.

Apolipoprotein B-48 and late graft failure in kidney transplant recipients

Szili-Torok, T., de Borst, M. H., Soteriou, A., Post, L., Bakker, S. J. L. & Tietge, U. J. F., Oct-2024, In: *Clinical Kidney Journal*. 17, 10, 10 p., fae289.

Systemic oxidative stress associates with the development of post-COVID-19 syndrome in non-hospitalized individuals

Vlaming-van Eijk, L. E., Bulthuis, M. L. C., van der Gun, B. T. F., Wold, K. I., Veloo, A. C. M., Vincenti Gonzalez, M. F., de Borst, M. H., den Dunnen, W. F. A., Hillebrands, J.-L., van Goor, H., Tami, A. & Bourgonje, A. R., Oct-2024, In: *Redox Biology*. 76, 10 p., 103310.

Plasma symmetric dimethylarginine and kidney graft function in kidney transplant recipients

TransplantLines Investigators, Kremer, D., Salamah, S., Groothof, D., Post, A., Knobbe, T. J., Neto, A. W. G., Peterson, S., van Londen, M., Yerramilli, M., Berger, S. P., Alkaff, F. F., De Borst, M. H. & Bakker, S. J. L., 1-Sept-2024, In: Nephrology Dialysis Transplantation. 39, 9, p. 1533-1536 4 p.

Vitamin C deficiency after kidney transplantation: a cohort and cross-sectional study of the TransplantLines biobank

TransplantLines Investigators, Yepes-Calderón, M., van der Veen, Y., Martín del Campo S, F., Kremer, D., Sotomayor, C. G., Knobbe, T. J., Vos, M. J., Corpeleijn, E., de Borst, M. H. & Bakker, S. J. L., Sept-2024, In: European Journal of Nutrition. 63, 6, p. 2357-2366 10 p.

Increased interleukin-6 is associated with higher risk of heart failure in people with type 2 diabetes

Remmelzwaal, S., Yeung, S. M. H., Blom, M. T., de Borst, M. H., Elders, P. J. M. & Beulens, J. W. J., Aug-2024, In: ESC Heart Failure. 11, 4, p. 2442-2446 5 p.

Iron deficiency, anemia, and patient-reported outcomes in kidney transplant recipients

TransplantLines Investigators, Kremer, D., Knobbe, T. J., Vinke, J. S. J., Groothof, D., Post, A., Annema, C., Abrahams, A. C., van Jaarsveld, B. C., de Borst, M. H., Berger, S. P., Bakker, S. J. L. & Eisenga, M. F., Aug-2024, In: American Journal of Transplantation. 24, 8, p. 1456-1466 11 p.

Phase angle and donor type are determinants of coronary artery calcification in stable kidney transplant recipients at twelve months after transplantation

TransplantLines Investigators, Rodrigues, F. G., Bruins, M. S. M., Vliegenthart, R., Kremer, D., Sotomayor, C. G., Nolte, I. M., Mulder, U. D. J., Navis, G. J., Heilberg, I. P., Pol, R. A., Bakker, S. J. L., de Borst, M. H. & Te Velde-Keyzer, C. A., Aug-2024, In: NMCD : Nutrition, Metabolism and Cardiovascular Diseases. 34, 8, p. 1912-1921 10 p.

Serum Calcification Propensity Is Increased in Myocardial Infarction and Hints at a Pathophysiological Role Independent of Classical Cardiovascular Risk Factors

Mencke, R., Al Ali, L., de Koning, M.-S. L. Y., Pasch, A., Minnion, M., Feelisch, M., van Veldhuisen, D. J., Gansevoort, R. T., Bakker, S. J. L., de Borst, M. H., van Goor, H., van der Harst, P., Lipsic, E. & Hillebrands, J.-L., Aug-2024, In: Arteriosclerosis, thrombosis, and vascular biology. 44, 8, p. 1884-1894 11 p.

Kidney phosphate wasting predicts poor outcome in polycystic kidney disease

DIPAK Consortium, Xue, L., Geurts, F., Meijer, E., de Borst, M. H., Gansevoort, R. T., Zietse, R., Hoorn, E. J. & Salih, M., Jul-2024, In: Nephrology Dialysis Transplantation. 39, 7, p. 1105-1114 10 p.

Potential Mediating Role of Iron Biomarkers in the Association of Sex With Glucose, Insulin, and Type 2 Diabetes

Khatami, F., Lange, T., Groothof, D., Ahanchi, N. S., Quezada-Pinedo, H. G., Raeisi-Dehkordi, H., De Borst, M. H., Vidal, P. M., Sailesh, M., Prabhakaran, D., Bano, A., Bakker, S. J. L., Muka, T. & Eisenga, M. F., Jul-2024, In: Journal of the endocrine society. 8, 7, 9 p., bvae098.

Severely increased albuminuria in patients with type 2 diabetes mellitus is associated with increased subclinical atherosclerosis in femoral arteries with Na [¹⁸F]F activity as a proxy: The DETERMINE study

Reijrink, M., Sluiter, J. K. E., te Velde-Keyzer, C. A., de Borst, M. H., van Praagh, G. D., Greuter, M. J. W., Luurtsema, G., Boersma, H. H., Pol, R. A., Hillebrands, J. L., van Dijk, P. R., Hoogenberg, K., Mulder, D. J. & Slart, R. H. J. A., Jul-2024, In: Atherosclerosis. 394, 7 p., 117199.

Utilizing pathophysiological concepts of ischemia-reperfusion injury to design renoprotective strategies and therapeutic interventions for normothermic ex vivo kidney perfusion

Ogurlu, B., Hamelink, T. L., Van Tricht, I. M., Leuvenink, H. G. D., De Borst, M. H., Moers, C. & Pool, M. B. F., Jul-2024, In: American Journal of Transplantation. 24, 7, p. 1110-1126 17 p.

Fibroblast growth factor 23 and calcium-phosphate metabolism in relation to cardiovascular risk factors in patients with type 1 diabetes

Vermeulen, S., Scheffer-Rath, M. E. A., Besouw, M. T. P., van der Vaart, A., de Borst, M. H. & Boot, A. M., Jun-2024, In: Journal of diabetes. 16, 6, 10 p., e13500.

Prioritization of Kidney Cell Types Highlights Myofibroblast Cells in Regulating Human Blood Pressure

Ganji-Arjenaki, M., Kamali, Z., International Consortium Of Blood Pressure, Sardari, S., de Borst, M., Snieder, H. & Vaez, A., Jun-2024, In: *Kidney International Reports*. 9, 6, p. 1849-1859 11 p.

Serum T50 predicts cardiovascular mortality in individuals with type 2 diabetes: A prospective cohort study

van der Vaart, A., Eelderink, C., van Goor, H., Hillebrands, J.-L., te Velde-Keyzer, C. A., Bakker, S. J. L., Pasch, A., van Dijk, P. R., Laverman, G. D. & de Borst, M. H., Jun-2024, In: *Journal of Internal Medicine*. 295, 6, p. 748-758 11 p.

The gut microbiome in end-stage lung disease and lung transplantation

TransplantLines Investigators, Zhang, S., Swarte, J. C., Gacesa, R., Knobbe, T. J., Kremer, D., Jansen, B. H., de Borst, M. H., Harmsen, H. J. M., Erasmus, M. E., Verschuuren, E. A. M., Bakker, S. J. L., Gan, C. T., Weersma, R. K. & Björk, J. R., Jun-2024, In: *Msystems*. 9, 6, 15 p., e0131223.

Donor genetic burden for cerebrovascular risk and kidney transplant outcome

Collins, K. E., Gilbert, E., Mauduit, V., Benson, K. A., Elhassan, E. A. E., O'Seaghda, C., Hill, C., McKnight, A. J., Maxwell, A. P., van der Most, P. J., de Borst, M. H., Guan, W., Jacobson, P. A., Israni, A. K., Keating, B. J., Lord, G. M., Markkinen, S., Helanterä, I., Hyvärinen, K. & Partanen, J. & 4 others, Madden, S. F., Limou, S., Cavalleri, G. L. & Conlon, P. J., 29-May-2024, (E-pub ahead of print) In: *Journal of Nephrology*. 10 p.

Chronic kidney disease increases the susceptibility to negative effects of low and high potassium intake

Gritter, M., Wei, K. Y., Wouda, R. D., Musterd-Bhaggoe, U. M., Dijkstra, K. L., Kers, J., Ramakers, C., Vogt, L., De Borst, M. H., Danser, A. H. J., Hoorn, E. J. & Rotmans, J. I., 1-May-2024, In: *Nephrology Dialysis Transplantation*. 39, 5, p. 795-807 13 p.

Genome-wide analysis in over 1 million individuals of European ancestry yields improved polygenic risk scores for blood pressure traits

Million Veteran Program, Keaton, J. M., Kamali, Z., Xie, T., Vaez, A., Williams, A., Goleva, S. B., Ani, A., Evangelou, E., Hellwege, J. N., Yengo, L., Young, W. J., Traylor, M., Giri, A., Zheng, Z., Zeng, J., Chasman, D. I., Morris, A. P., Caulfield, M. J. & Hwang, S.-J. & 33 others, Kooner, J. S., Conen, D., Attia, J. R., Morrison, A. C., Loos, R. J. F., Kristiansson, K., Schmidt, R., Hicks, A. A., Pramstaller, P. P., Nelson, C. P., Samani, N. J., Risch, L., Gyllensten, U., Melander, O., Riese, H., Wilson, J. F., Campbell, H., Rich, S. S., Psaty, B. M., Lu, Y., Rotter, J. I., Guo, X., Rice, K. M., Vollenweider, P., van der Harst, P., van der Most, P. J., Oldehinkel, A. J., De Borst, M. H., Nolte, I. M., Visscher, P. M., Edwards, T. L., Snieder, H. & Warren, H. R., May-2024, In: *Nature genetics*. 56, 5, p. 778-791 14 p.

Influence of potassium intake on the renoprotective response to sodium restriction and hydrochlorothiazide in patients with diabetic nephropathy

van Lieshout, C., Vogt, L., Kwakernaak, A., Hemmelder, M., Laverman, G. D., Navis, G. & de Borst, M., May-2024, In: *Nephrology Dialysis Transplantation*. 39, Supplement_1, gfae069-0109-1642.

Central Body Fat Distribution and Kidney Function after Living Kidney Donation

TransplantLines Investigators, Westenberg, L. B., Pol, R. A., van der Weijden, J., de Borst, M. H., Bakker, S. J. L. & van Londen, M., Apr-2024, In: *Clinical journal of the American Society of Nephrology : CJASN*. 19, 4, p. 503-513 11 p.

Pre-donation Assessment of Cystatin C to Improve Prediction of Pre- and Post-Donation GFR in Potential Living Kidney Donors

van der Weijden, J., Kremer, D., Westenberg, L. B., Sanders, J.-S. F., Pol, R. A., Nolte, I. M., De Borst, M. H., Berger, S. P., Bakker, S. J. L. & van Londen, M., 13-Mar-2024, (E-pub ahead of print) In: *Nephrology Dialysis Transplantation*.

Time-updated Fibroblast Growth Factor 23 Is Predictive for Posttransplant Diabetes Mellitus in Kidney Transplant Recipients

van der Vaart, A., Kremer, D., Niekolaas, T., Bakker, S. J. L., van Dijk, P. R. & de Borst, M. H., 12-Mar-2024, In: *Journal of the endocrine society*. 8, 5, 5 p., bvae055.

Disease Manifestations and Complications in Dutch X-Linked Hypophosphatemia Patients

Bosman, A., Appelman-Dijkstra, N. M., Boot, A. M., de Borst, M. H., van de Ven, A. C., de Jongh, R. T., Bökenkamp, A., van den Bergh, J. P., van der Eerden, B. C. J. & Zillikens, M. C., Mar-2024, In: *Calcified tissue international*. 114, 3, p. 255-266 12 p.

Effect of high in comparison to low dairy intake intervention on markers of bone and cartilage remodeling and phosphate metabolism in healthy adults with overweight

van der Vaart, A., Eelderink, C., van den Heuvel, E. G. H. M., Feitsma, A. L., van Dijk, P. R., de Borst, M. H. & Bakker, S. J. L., Mar-2024, In: *European Journal of Nutrition*. 63, p. 461-468 8 p.

The Young Nephrologists' Platform: the gateway to the future of nephrology

ERA YNP, Cseprekal, O., Van Craenenbroeck, A. H., de Borst, M. H., Stevens, K. I., Ferreira, A. C., Molnar, M. Z., Pettinelli, P. & Wiecek, A., Mar-2024, In: *Clinical Kidney Journal*. 17, 3, 7 p., sfae024.

Pre-Transplant Hyperparathyroidism and Graft or Patient Outcomes After Kidney Transplantation

Rodrigues, F. G., Van Der Plas, W. Y., Sotomayor, C. G., Van Der Vaart, A., Kremer, D., Pol, R. A., Kruijff, S., Heilberg, I. P., Bakker, S. J. L. & De Borst, M. H., 7-Feb-2024, In: *Transplant International*. 37, 12 p., 11916.

Coffee consumption and risk of kidney function decline in a Dutch population-based cohort

Cai, Q., van Westing, A. C., Cao, Y., Bakker, S. J. L., Navis, G. J., Geleijnse, J. M. & de Borst, M. H., Feb-2024, In: *Nutrition, Metabolism and Cardiovascular Diseases*. 34, 2, p. 455-465 11 p.

Iron Status and Cause-Specific Mortality After Kidney Transplantation

Vinke, J. S. J., Kremer, D., Knobbe, T. J., Grote Beverborg, N., Berger, S. P., Bakker, S. J. L., de Borst, M. H. & Eisenga, M. F., Feb-2024, In: *Kidney Medicine*. 6, 2, 4 p., 100766.

Performance of GFR Estimating Equations in Young Adults

Inker, L. A., Tighiouart, H., Adingwupu, O. M., Ng, D. K., Estrella, M. M., Maahs, D., Yang, W., Froissart, M., Mauer, M., Kalil, R., Torres, V., de Borst, M., Klintmalm, G., Poggio, E. D., Seegmiller, J. C., Rossing, P., Furth, S. L., Warady, B. A., Schwartz, G. J. & Velez, R. & 2 others, Coresh, J. & Levey, A. S., Feb-2024, In: *American Journal of Kidney Diseases*. 83, 2, p. 272-276 5 p.

Urinary vanin-1, tubular injury, and graft failure in kidney transplant recipients

Alkaff, F. F., Kremer, D., Niekolaas, T. M., van den Born, J., Rimbach, G., Tseng, T.-L., Berger, S. P., Bakker, S. J. L. & de Borst, M. H., 27-Jan-2024, In: *Scientific Reports*. 14, 1, 9 p., 2283.

Utility of iron biomarkers in differentiating menopausal status: Findings from CoLaus and PREVEND

Kastrati, L., Groothof, D., Quezada-Pinedo, H. G., Raeisi-Dehkordi, H., Bally, L., De Borst, M. H., Bakker, S. J. L., Vidal, P. M., Eisenga, M. F. & Muka, T., Jan-2024, In: *Maturitas*. 179, 7 p., 107872.

NT-proBNP Mediates the Association Between FGF23 and All-Cause Mortality in Individuals With Type 2 Diabetes

van der Vaart, A., Bakker, S. J. L., Laverman, G. D., van Dijk, P. R. & de Borst, M. H., 5-Dec-2023, In: *Journal of the American Heart Association*. 12, 23, 5 p., e031873.

Health-related quality of life is linked to the gut microbiome in kidney transplant recipients

TransplantLines Investigators, Swarte, J. C., Knobbe, T. J., Björk, J. R., Gacesa, R., Nieuwenhuis, L. M., Zhang, S., Vila, A. V., Kremer, D., Douwes, R. M., Post, A., Quint, E. E., Pol, R. A., Jansen, B. H., Londen, M. V., Borst, M. D., Meijer, V. E. D., Blokzijl, H., Berger, S. & Festen, E. A. M. & 5 others, Zernakova, A., Fu, J., Harmsen, H. J. M., Bakker, S. & Weersma, R. K., 2-Dec-2023, In: *Nature Communications*. 14, 1, 11 p., 7968.

Effects of Platelet Count on Blood Pressure: Evidence from Observational and Genetic Investigations

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Urinary copper excretion is associated with long-term graft failure in kidney transplant recipients

Yepes-Calderon, M., Kremer, D., Post, A., Sotomayor, C., Seidel, U., Huebbe, P., Knobbe, T., Lüersen, K., Eisenga, M., Corpeleijn, E., de Borst, M. H., Navis, G., Rimbach, G. & Bakker, S., 1-Nov-2023, In: *American Journal of Nephrology*. 54, 9-10, p. 425-433 9 p.

Machine learning: it takes more than select models to draw general conclusions

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Low selenium intake is associated with risk of all-cause mortality in kidney transplant recipients

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Kaliuresis and Intracellular Uptake of Potassium with Potassium Citrate and Potassium Chloride Supplements: A Randomized Controlled Trial

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Observational and Genetic Evidence for Bidirectional Effects Between Red Blood Cell Traits and Diastolic Blood Pressure

He, Z., Chen, Z., de Borst, M., Zhang, Q., International Consortium Of Blood Pressure, Snieder, H. & Thio, C. H. L., Oct-2023, In: *American Journal of Hypertension*. 36, 10, p. 551-560 10 p.

Regional Variation in Hemoglobin Distribution Among Individuals With CKD: the ISN International Network of CKD Cohorts

ISN iNET-CKD Investigators, Canney, M., Induruwage, D., Tang, M., Alencar de Pinho, N., Er, L., Zhao, Y., Djurdjev, O., Ahn, Y. H., Behnisch, R., Calice-Silva, V., Chesnaye, N. C., de Borst, M. H., Dember, L. M., Dionne, J., Ebert, N., Eder, S., Fenton, A., Fukagawa, M. & Furth, S. L. & 24 others, Hoy, W. E., Imaizumi, T., Jager, K. J., Jha, V., Kang, H. G., Kitiyakara, C., Mayer, G., Oh, K. H., Onu, U., Pecoits-Filho, R., Reichel, H., Richards, A., Schaefer, F., Schaeffner, E., Scheppach, J. B., Sola, L., Ulas, I., Wang, J., Yadav, A. K., Zhang, J., Feldman, H. I., Taal, M. W., Stengel, B. & Levin, A., Oct-2023, In: *Kidney International Reports*. 8, 10, p. 2056-2067 12 p.

Fibroblast Growth Factor 23, Glucose Homeostasis, and Incident Diabetes: Findings of 2 Cohort Studies

van der Vaart, A., Eelderink, C., van Beek, A. P., Bakker, S. J. L., van Dijk, P. R. & de Borst, M. H., 18-Sept-2023, In: *Journal of Clinical Endocrinology & Metabolism*. 108, 10, p. e971-e978 8 p.

Fasting ketone bodies and incident type 2 diabetes in the general population

Szili-Torok, T., de Borst, M. H., Garcia, E., Gansevoort, R. T., Dullaart, R. P. F., Connelly, M. A., Bakker, S. J. L. & Tietge, U. J. F., Sept-2023, In: *Diabetes*. 72, 9, p. 1187-1192 6 p.

The relationship of peritubular capillary density with glomerular volume and kidney function in living kidney donors

van der Weijden, J., De Hoogt, P. A., Leufkens, M. M. E., Keijbeck, A. A., van Goor, H., van den Heuvel, M. C., Cleutjens, J. P. M., Moers, C., Snoeijs, M. G., Navis, G. J., van Londen, M., Nolte, I. M., Berger, S. P., De Borst, M. H. & Peutz-Kootstra, C. J., Sept-2023, In: *Journal of Nephrology*. 36, 7, p. 2111-2124 14 p.

Micronutrient deficiencies and new-onset atrial fibrillation in a community-based cohort: Data from PREVEND

Al-Mubarak, A. A., Grote Beverborg, N., Zwartkruis, V., van Deutekom, C., de Borst, M. H., Gansevoort, R. T., Bakker, S. J. L., Touw, D. J., de Boer, R. A., van der Meer, P., Rienstra, M. & Bomer, N., 17-Aug-2023, (E-pub ahead of print) In: *Clinical Research in Cardiology*. 12 p.

Normal fasting triglyceride levels and incident hypertension in community-dwelling individuals without metabolic syndrome

Szili-Torok, T., Xu, Y., de Borst, M. H., Bakker, S. J. L. & Tietge, U. J. F., 15-Aug-2023, In: *Journal of the American Heart Association*. 12, 16, 3 p., e028372.

Iron deficiency is related to lower muscle mass in community-dwelling individuals and impairs myoblast proliferation

Vinke, J. S. J., Gorter, A. R., Eisenga, M. F., Dam, W. A., van der Meer, P., van den Born, J., Bakker, S. J. L., Hoes, M. F. & de Borst, M. H., Aug-2023, In: *Journal of Cachexia, Sarcopenia and Muscle*. 14, 4, p. 1865-1879 15 p.

Proton Pump Inhibitor Use, Fatigue, and Health-Related Quality of Life in Kidney Transplant Recipients: Results From the TransplantLines Biobank and Cohort Study

TransplantLines Investigators, Knobbe, T. J., Kremer, D., Douwes, R. M., Eisenga, M. F., Gomes-Neto, A. W., Annema, C., Swarte, J. C., Klont, F., Navis, G., Berger, S. P. & Bakker, S. J. L., Aug-2023, In: *American Journal of Kidney Diseases*.

Urinary Calcium Is Associated with Serum Sclerostin among Stone Formers

Rodrigues, F. G., Ormanji, M. S., Pietrobom, I. G., Matos, A. C. C. D., De Borst, M. H. & Heilberg, I. P., Aug-2023, In: Journal of Clinical Medicine. 12, 15, 9 p., 5027.

Blockchain in nephrology

Szili-Torok, T., Kremer, D., Bakker, S. J. L., Tietge, U. J. F. & de Borst, M. H., Jul-2023, In: Nature Reviews Nephrology. 19, p. 421-422 2 p.

Iron deficiency and cognitive functioning in kidney transplant recipients: findings of the TransplantLines biobank and cohort study

Vinke, J. S. J., Ziengs, A. L., Buunk, A. M., Van Sonderen, L., Gomes-Neto, A. W., Berger, S. P., Bakker, S. J. L., Eisenga, M. F., Spikman, J. M. & De Borst, M. H., Jul-2023, In: Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association. 38, 7, p. 1719-1728 10 p.

Will osteopontin bridge the gap towards clinical application in chronic kidney disease?

de Borst, M. H. & Carrero, J. J., 1-Jun-2023, In: Nephrology Dialysis Transplantation. 38, 6, p. 1352-1354 3 p.

Novel MUC1 variant identified by massively parallel sequencing explains interstitial kidney disease in a large Dutch family

de Haan, A., van Eerde, A. M., Eijgelsheim, M., Rump, P., van der Zwaag, B., Hennekam, E., Živná, M., Knoch, S., Bleyer, A. J., Kidd, K., Vogt, L., Knoers, N. V. A. M. & de Borst, M. H., May-2023, In: Kidney International. 103, 5, p. 986-989 4 p.

Effect of vitamin K supplementation on serum calcification propensity and arterial stiffness in vitamin K-deficient kidney transplant recipients: A double-blind, randomized, placebo-controlled clinical trial

Eelderink, C., Kremer, D., Riphagen, I. J., Knobbe, T. J., Schurgers, L. J., Pasch, A., Mulder, D. J., Corpeleijn, E., Navis, G., Bakker, S. J. L., de Borst, M. H. & Te Velde-Keyzer, C. A., Apr-2023, In: American Journal of Transplantation. 23, 4, p. 520-530 11 p.

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Activities

Genetische diagnostiek bij onbekend grondlijden: Wanneer wel en wanneer niet?

de Borst, M. (Speaker)

14-Dec-2022

Nieuwe ontwikkelingen in de behandeling van renale anemie

de Borst, M. (Speaker)

29-Sept-2022

Management of adult patients with X-linked hypophosphatemia

de Borst, M. (Speaker)

10-Sept-2022

Understanding the Role of Dietary Potassium in Natriuresis, Blood Pressure and Cardiorenal Outcomes

de Borst, M. (Speaker)

17-Jun-2022

Behandeling van XLH met burosumab

de Borst, M. (Speaker)

11-Jun-2022

The importance of screening and assessment of kidney function in patients with heart failure and type 2 diabetes

de Borst, M. (Speaker)

20-May-2022

When adaptive FGF23 becomes maldaptive in CKD

de Borst, M. (Speaker)

7-May-2022

Diagnostic algorithms in unknown CKD

de Borst, M. (Speaker)

30-Mar-2022

Workshop levende nierdonatie

de Borst, M. (Speaker)

4-Feb-2022

Behandeling van chronische nierschade: de nieuwste inzichten

de Borst, M. (Speaker)

12-Jan-2022

Next generation sequencing in Fabry diagnosis: Nephrologist perspective

de Borst, M. (Speaker)

20-Oct-2021

Nieuwe ontwikkelingen in de behandeling van renale anemie

de Borst, M. (Speaker)

13-Oct-2021

Genpanel sequencing bij jong nierfalen eci: Eerste resultaten landelijke VARIETY studie
de Borst, M. (Speaker)
12-Oct-2021

The lifelong disease burden of XLH
de Borst, M. (Speaker)
18-Sept-2021

Anemie bij chronische nierziekten
de Borst, M. (Speaker)
1-Jul-2021

ISCOMS 2021
de Borst, M. (Chair)
9-Jun-2021

Pearls from NDT 2020-21
de Borst, M. (Speaker)
6-Jun-2021

Bone disease after kidney transplantation
de Borst, M. (Invited speaker)
8-Apr-2021

Barriers in RAASi optimization in patients with chronic kidney disease
de Borst, M. (Invited speaker)
9-Mar-2021

Parathyroidectomy vs. calcimimetics
de Borst, M. (Invited speaker)
11-Feb-2021

Living kidney donors: selection and outcomes
de Borst, M. (Invited speaker)
21-Jan-2021

Sodium restriction is better than diuretics
de Borst, M. (Invited speaker)
9-Dec-2020

Do your patients with end-stage kidney disease always have the correct diagnosis?
de Borst, M. (Invited speaker)
23-Nov-2020

Iron deficiency anemia and combined kidney and heart failure
de Borst, M. (Invited speaker)
30-Oct-2020

The impact of COVID-19 on nephrology research
de Borst, M. (Invited speaker)
8-Oct-2020

A rare disease affecting bones and kidneys

de Borst, M. (Invited speaker)
19-Sept-2020

Optimising the benefits of RAASi therapy in non-dialysis CKD patients: The importance of long-term potassium control

de Borst, M. (Invited speaker)
19-Sept-2020

The kidney's functional reserve: A reflection of renal resilience

de Borst, M. (Keynote speaker)
8-Jun-2020

Broken bones and vulnerable vessels: chronic kidney disease mineral bone disorder

de Borst, M. (Invited speaker)
9-May-2019

Impact of kidney donation on kidney and cardiovascular health

de Borst, M. (Speaker)
16-Jan-2019

The role of genetic diagnostics in nephrology

de Borst, M. (Invited speaker)
28-Nov-2018

FGF23 as a predictor of cardiovascular outcomes in CKD

de Borst, M. (Keynote speaker)
24-May-2018

Current implications of genetics in medicine

de Borst, M. (Invited speaker)
18-Apr-2018

DOAC and impaired kidney function

de Borst, M. (Invited speaker)
2018

Nephrology Dialysis Transplantation (Journal)

Borst, de, M. (Editor)
2017

Nephron (Journal)

Borst, de, M. (Editor)
1-Nov-2014 → 1-Nov-2017

PLoS ONE (Journal)

Borst, de, M. (Editor)
1-Jun-2013 → ...

Prizes**Kolff Junior Postdoc grant; "Vitamin D: the key to regression of renal fibrosis?" (KJPB.08.07)**

Borst, de, M. (Recipient), 2008

Mandema stipend: Vitamin D: the key to regression of renal fibrosis?

Borst, de, M. (Recipient), 2008

Veni: Fibroblast growth factor 23: pouring salt into the wound of chronic kidney disease?

Borst, de, M. (Recipient), 1-Aug-2013

Kolff senior postdoc (Dutch Kidney Foundation)

Borst, de, M. (Recipient), Dec-2017

Frans J Th Wackers Award for Best Clinical Paper

Hop, H. (Recipient), Boer, de, S. (Recipient), Reijrink, M. (Recipient), Kamphuisen, P. W. (Recipient), Borst, de, M. (Recipient), Pol, R. (Recipient), Zeebregts, C. (Recipient), Hillebrands, J. L. (Recipient), Slart, R. (Recipient), Boersma, H. (Recipient), Doorduyn, J. (Recipient) & Mulder, U. (Recipient), 2020

2020 ERA-EDTA Stanley Shaldon Young Investigator award

Borst, de, M. (Recipient), 6-Jun-2020