

Jeroen H.F. de Baaij (Nijmegen, Netherlands)



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Jeroen de Baaij is a physiologist interested in the molecular and genetic origin of renal electrolyte disorders, including hypomagnesemia. His research focusses on the identification and characterization of new genes involved in renal magnesium reabsorption. He identifies the genetic origin of disease in patients with magnesium disturbances by next generation sequencing techniques. Using a wide range of molecular, cellular and physiological techniques, he examines new genes or new regulatory pathways in magnesium (re)absorption in the kidney. Supported by NWO Rubicon and Veni Grants and a Dutch Kidney Foundation Kolff Grant, his team is also examining the role of magnesium in the prevention of cardiovascular complications and in the development of the type 2 diabetes mellitus. Contact: jeroen.debaaij@radboudumc.nl

In his speech, Jeroen will present the recent advances in renal magnesium reabsorption.