

Michiel Rienstra

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Graduated in medicine at the University of Antwerp, Belgium in 2003. Obtained a PhD at the University of Groningen, The Netherlands in 2007 on Atrial Fibrillation, Underlying Disease and Prognosis. He completed his cardiology training at the University Medical Center Groningen in 2012, where continued working as clinical cardiologist and researcher. He was awarded with a NWO Rubicon grant in 2009 and went to Harvard Medical School, Massachusetts General Hospital and the Framingham Heart Study for a post-doc on population genetics and epidemiology in 2010-2011. In 2012 he was awarded with the NWO Veni grant for his project on genetics of atrial fibrillation. In 2015 he was awarded with the European Society of Cardiology academic grant for his project on a big data approach in atrial fibrillation. He is fellow of the European Society of Cardiology and the American Heart Association, and Leadership committee member of the Functional Genomics and Translational Biology council.

He combines clinical cardiology focusing on treatment of patients with arrhythmias, with clinical-oriented research. His research consists of conducting clinical studies to improve AF treatment (RACE I to V, CONVERT, VIP-HF), studying epidemiology of AF and its risk factors in PREVEND, Lifelines and Framingham Heart Study, uncovering the genetics of atrial fibrillation in part with the CHARGE-AF/AFGen international consortium, and applying novel bioinformatics tools to improve AF risk prediction.

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