

Jaap A. Joles, D.V.M., PhD. Date of birth: June 23, 1952 (Cape Town, South Africa). Associate Professor in Experimental Nephrology and Hypertension. Head of the experimental laboratory of the Department of Nephrology and Hypertension, University Medical Center Utrecht, since 1995.

Early life: Graduation in 1979 at the Veterinary Faculty, Utrecht University, Netherlands. PhD on *Exercise and renal function in dogs* awarded by the Utrecht University in 1984. Post-doctoral position in Utrecht from 1985 to 1995.

Current position: My main research interests are developmental effects on the phenotype and genotype of hereditary disease, particularly hypertension and (associated) renal disease. I am also studying the interaction of cardiac failure and chronic kidney disease (CKD), and novel therapeutic strategies such as intrarenal administration of stem cells in CKD and the development of a portable device for continuous replacement of renal function in the setting of CKD. Extramural funding for has been primarily from the Netherlands Kidney Foundation (18 projects between 1988 and the present), the Netherlands Heart Foundation, Netherlands Science Organisation, the European Union Sixth Framework Program (The Early Nutrition Programming Project: EARNEST), and the European Union Seventh Framework Program (ICT-enabled Wearable Artificial Kidney and Personal Renal Care System). I have supervised 10 PhD students, who were awarded their degree between 1998 and 2007, and I have personally obtained extramural funding of ~EU 4M. I have 149 peer-reviewed publications including reviews and book chapters (44 as last author, 45 as first author). There are currently two post-docs, two PhD students and three technicians working in my group. In 2006 I started a six-year term as a member on the scientific board of the Netherlands Kidney Foundation. From November 2008 I serve for a three-year term as a member of the Basic Science Committee of the American Society of Nephrology.