

## Vacancy

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A post-doc position is open for an enthusiastic researcher with proven research experience and great interest in cardiovascular pharmacology at the Department of Pharmacology and Toxicology of the Maastricht University, the Netherlands (see [www.Maastrichtuniversity.nl](http://www.Maastrichtuniversity.nl)).

## Project description

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The project is entitled: “renin-angiotensin system blockade beyond angiotensin II” The project is financially supported by the Dutch Top Institute Pharma (code T2-301) see [www.tipharma.com](http://www.tipharma.com). Within this project research groups from the Erasmus Medical Center Rotterdam NL, Maastricht University Medical Center NL, and Actelion Pharmaceutical Ltd. CH, will conduct 5 closely related research projects into improving treatment of hypertension and heart failure with new tools that are beyond ACE inhibitors and Angiotensin II receptor antagonists. The successful candidate will explore in subproject #5 the role of Angiotensin II and endothelin-1 as potential (neuro)inflammatory agents in the vascular wall as well as within the heart and kidney. In particular the candidate will examine to which extent the components of the renin-angiotensin system and endothelin system are able to modulate sensory motor and sensory inflammatory effects on blood vessels, hearts, lungs and kidneys. In addition, the effects of new agents that interfere with the production of angiotensin II and endothelin-1 will be explored in animal models of cardiovascular disease. Therefore experience with the peripheral nervous system, isolated organ studies, advanced microscopy techniques and/or animal studies is considered as being advantageous.

## Organization

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### Maastricht University

Maastricht University is renowned for its unique, innovative, problem-based learning system, which is characterized by a small-scale and student-oriented approach. Research at UM is characterized by a multidisciplinary and thematic approach, and is concentrated in research institutes and schools. Maastricht University has around 13,500 students and 3,500 employees. Reflecting the university's strong international profile, a fair amount of both students and staff are from abroad. The university hosts 6 faculties: Faculty of Health, Medicine and Life Sciences, Faculty of Law, Faculty of Economics and Business Administration, Faculty of Humanities and Sciences, Faculty of Arts and Social Sciences, Faculty of Psychology and Neuroscience.

## Additional Information

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Additional information about the vacancy can be obtained from:

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Application must be submitted electronically. It should include a detailed curriculum vitae, names and addresses of 2 referees, a 2 - 3 page summary of research interests, and a one page statement of teaching experience and interests.