



# Senior post-doctoral researcher

## Human virus-specific tissue-resident T cells

### Job description

A 2-year senior post-doctoral researcher position is available in our laboratory to study the role of virus-specific tissue-resident T cells ( $T_{RM}$ ) involved in the control vs. pathogenesis of herpes simplex virus type 1 (HSV-1) infections in humans. The project will involve detailed analysis of the phenotype, fine antigen specificity and spatial orientation of human HSV-1 reactive CD4 and CD8  $T_{RM}$  cells in trigeminal ganglia (immune control) and corneas (immunopathogenesis) of latently HSV-1-infected individuals.

### Work environment

The Dept. Viroscience (<https://www.erasmusmc.nl/en/research/departments/viroscience>) at Erasmus MC (Rotterdam, The Netherlands) is a group of 225 researchers of different disciplines and runs an extensive experimental research program on the epidemiology, pathogenesis, prevention and treatment of infections by human and animal viruses. The Dept. Viroscience harbors state-of-the-art clinical and experimental virology labs, in which all the virology, molecular biology, pathology and immunology techniques necessary for this project are operational. You will be appointed to the HerpeslabNL ([www.herpeslab.nl](http://www.herpeslab.nl)), led by Dr. Georges M. Verjans.

### Qualifications and skills

Applicants should have a PhD degree in immunology. You are a highly-motivated ambitious scientist with strong quantitative research, organization and communication skills. A strong track record of research accomplishments in cellular immunology, molecular biology and potentially scRNAseq is requested. The right applicant is able to work both independently and within a team, at national and international levels. You have an excellent command of the English language, both oral and written.

### Terms of employment

The gross monthly salary amounts a maximum of € 5.383,- (scale 11), depending on your level of education and relevant experience and based on a full-time working week of 36 hours. The terms of employment are in accordance with the Collective Bargaining Agreement for University Medical Centers (CAO UMC).

### Information

For more information about this position, please contact Dr. Georges M. Verjans by Email: [g.verjans@erasmusmc.nl](mailto:g.verjans@erasmusmc.nl).