

BIOGRAPHICAL SKETCH



NAME: **de Vries, Elga**

POSITION TITLE: **Professor in Neuro-immunology**

EDUCATION/TRAINING

Utrecht University, the Netherlands	UCL, Msc	09/1990	Biology
Leiden University The Netherlands	PhD	03/1995	Pharmacology
Leiden University, The Netherlands	Post-doc	03/1998	Vascular Biology
UCL, London, UK	Marie-Curie fellow	05/1999	Neuro-immunology
VU medical center Amsterdam, The Netherlands	Postdoc	05/2020	Neuro-immunology

A. Contribution to Science

I received my PhD in the field of Pharmacology, focused on the identification of altered function of the cerebral vasculature in disease state in order to find novel ways to deliver drugs into the central nervous system. Throughout my early scientific career, I gained a particular interest in studying the cross talk of the brain and the immune system and the barriers between them. Therefore, after my PhD, I became Marie Curie post-doctoral research fellow at University College London, United Kingdom (from 1997-1999) to study signaling events in brain endothelial cells under inflammatory conditions, a process of relevance for various neuro-inflammatory disorders. Based on my earlier work and interests, I was invited to join the Department of Molecular Cell Biology and Immunology at the VU medical center to start my own research group. In 2004, I received a VIDI grant from NWO and a TOP Institute pharma grant which enabled me to become an independent researcher as assistant (in 2004) and associate (in 2006) professor. In 2011, I became a full professor of Neuro-immunology. Using state of the art techniques, together with my research team, I uncover in predominantly human samples and post-mortem tissues underlying mechanisms of neurological disorders, with a focus on dementia, multiple sclerosis (MS) and stroke. My major research focuses on how the immune system influences the brain and vice versa, with a specific focus on the barriers between them.

B. Positions and Honors

List in chronological order previous positions, concluding with the present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions and Employment

2020 - present	Faculty member of the Dept of Molecular cell Biology and Immunology, VUmc, Amsterdam, NL
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Other Experience and Professional Memberships

2022-present	Member Scientific advisory board Alzheimer Netherlands
2020- present	Scientific director MS center Amsterdam
2022	Member of LOC ECTRIMS Amsterdam
2017-2023	President elect International Brain Barriers Society
2012-present	Editorial Board member "Fluids and Barriers CNS"
2016-present	Editorial Board member "MS journal"
2013-present	Chair and founder of BBBNetwork

Honors

2022	Invited Keynote BBB Belgium, Hasselt BE
2022	Speaker- scientific highlights ECTRIMS Amsterdam
2022	Invited Speaker Alzheimer Association, San Diego, USA
2022	Invited speaker EMBL Heidelberg, DE
2020	BBBV2020 – invited keynote – BBB virtual seminars
2019	Invited Keynote- CVB 2019 - Miami

Complete List of Published Work in Pubmed:

[de vries he - Search Results - PubMed \(nih.gov\)](https://pubmed.ncbi.nlm.nih.gov/?term=de+vries+he)