

Biography Frederik Barkhof, MD, PhD

Professor of Neuroradiology
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Frederik Barkhof received his MD from VU University, Amsterdam (NL) in 1988 and defended his PhD thesis in 1992, for which he received the Philips Prize for Radiology (1992) and the Lucien Appel Prize for Neuroradiology (1994). Since 2001 he serves as a full Professor in Neuroradiology at the department of Radiology & Nuclear Medicine at VUmc. He is a senior staff member of the MS Center Amsterdam, and senior consultant of the Alzheimer Center, VUmc. In 2015 he was appointed as full Professor of Neuroradiology at institutes of Biomedical Engineering and Neurology at UCL in London (UK) to translate novel imaging techniques.

Prof. Barkhof was the chairman of the Dutch Society of Neuroradiology and the MAGNIMS study group for many years. He is the Scientific Director of the Image Analysis Centre (IAC), involved in analysis of multicentre drug trials. He serves on the Editorial boards of Radiology, Brain, Multiple Sclerosis Journal, Neuroradiology and Neurology.

Prof. Barkhof's research interests focus on childhood white matter disease, on multiple sclerosis (spinal cord MRI, grey matter, atrophy, histopathology correlations), on ageing (white matter lesions and microbleeds) and on dementia (hippocampal atrophy in Alzheimer and functional MR). He (co)authored >850 papers referenced in PubMed, has an H-factor of 102 and is listed among 3000 most influential scientists world-wide by Thompson-Reuters. He is the author of the books "Neuroimaging in Dementia" and "Clinical applications of functional brain MRI".

Cumulatively, he has received >25 million euro grant money from various national and international funding agencies and performed contract research for all major pharmaceutical companies with cumulative contract value of > 15 million euro. More than 30 PhD students graduated under his supervision and 2 of them have subsequently attained a full professorship.