

Martin Lauritzen

Short biography

Martin Lauritzen is an MD from the University of Copenhagen (UCPH) from 1978 and got his DMedSci degree from in 1988 after spending a year with Charles Nicholson at New York University. Martin is a certified specialist in and professor of Clinical neurophysiology and Translational neurobiology at the National Hospital and UCPH. Martin has spent the main part of his professional life as a translational neurobiologist. His main interests are mechanisms of acute brain damage, brain blood flow, aging and the blood brain barrier.

Martin Lauritzen

Professor

University of Copenhagen

Department of Neuroscience

The Maersk Tower, 07-4-23

Blegdamsvej 3, 2200 Copenhagen N, Denmark

Email: mlauritz@sund.ku.dk

Three selected papers:

Khennouf L, Gesslein B, Brazhe A, Oceau JC, Kutuzov N, Khakh BS, **Lauritzen M**. Active role of capillary pericytes during stimulation-induced activity and spreading depolarization. *Brain* 2018, July, 141 (7); 2032–2046. <https://doi.org/10.1093/brain/awy143>

Cai C, Fordsmann J, Jensen SH, Hald BO, Gesslein B, Lønstrup M, Brodin B, **Lauritzen M**. Conducted vascular responses in brain capillaries by synaptic activity and ATP in mouse cerebral cortex. *Proc Natl Acad Sci USA* 2018, <https://doi.org/10.1073/pnas.1707702115>

Kutuzov N, Flyvbjerg H, Lauritzen M. Contributions of the glycocalyx, endothelium, and extravascular compartment to the blood-brain barrier. *Proc Natl Acad Sci U S A*. 2018 Oct 2;115(40):E9429-E9438. doi: 10.1073/pnas.1802155115. Epub 2018 Sep 14.