

## **Prof. Stefan Schwab – Vice President of EuroHYP (2011-2012)**

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Prof. Stefan Schwab is Professor and Chair of the Department of Neurology at the Friedrich-Alexander-University Erlangen-Nürnberg, Germany. Prof. Schwab has been the Principal Investigator for many hypothermia stroke trials conducted in the past.

Prof. Schwab's main research and clinical interests are hypothermia; stroke diagnostics and MRI; treatment of cerebral ischaemia and brain lesions; neuroprotection; regulation of blood pressure and pharmacokinetics.

Prof. Schwab has authored and co-authored more than 200 publications on cerebrovascular diseases in journals such as Stroke, Lancet Neurology, Cerebrovascular Diseases, Critical Care Medicine, Experimental Neurology, Neurosurgery, Nervenarzt, the European Journal of Neurology, the Journal of Neurology, Neurosurgery and Psychiatry, and Neurology

He is the president of the German Neurocritical Care Society and a founding member and member of the American Neurocritical Care Society. He received several national and international awards for excellence in stroke research. He received funding from the DFG and BmBF and hold several projects in the German "*Kompetenznetz Schlaganfall*", which was funded from the BmBF.

### Selected publications

Georgiadis D, Schwarz S, Evans DH, Schwab S, Baumgartner RW. Cerebral autoregulation under moderate hypothermia in patients with acute stroke. *Stroke*. 2002;33:3026-9.

Berger C, Schäbitz WR, Georgiadis D, Steiner T, Aschoff A, Schwab S. Effects of hypothermia on excitatory amino acids and metabolism in stroke patients: a microdialysis study. *Stroke*. 2002;33:519-24.

Schwab S, Georgiadis D, Berrouschot J, Schellinger PD, Graffagnino C, Mayer SA. Feasibility and safety of moderate hypothermia after massive hemispheric infarction. *Stroke*. 2001;32:2033-5.

Schwab S, Schwarz S, Spranger M, Keller E, Bertram M, Hacke W. Moderate hypothermia in the treatment of patients with severe middle cerebral artery infarction. *Stroke*. 1998;29:2461-6.

Schwab S, Spranger M, Aschoff A, Steiner T, Hacke W. Brain temperature monitoring and modulation in patients with severe MCA infarction. *Neurology*. 1997;48:762-7.