Microtubule associated proteins and plasticity in the developing and diseased brain

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CURRICULUM VITAE

Karin Boekhoorn was born on September 1977 in Appeltern, The Netherlands. In 1989 she started high school at the Pax Christi College in Druten. After her graduation in 1995 she started her medical biology study at the Katholieke Universiteit Nijmegen, recently re-named as Radboud University Nijmegen. Her first master's research project was performed at the Department of Organismal Animal Physiology under supervision of Dr. Erwin Van den Burg and prof. Gert Flik where she studied the effect of cortisol on the hormonal output of the pituitary gland in common carp, *Cyprinus carpio*. At the Department of Cell Biology supervised by Dr. Carolina Jost, Dr. Ad de Groof and Prof. Be Wieringa she studied the expression of brain-type creatine kinase in primary cultures of hippocampal neurons. She continued her study in Halifax, Canada, where she studied alterations in gene expression in a drug-induced mouse model of Parkinson's disease at the Dalhousie University under supervision of Dr. Eileen Denovan and Prof. Harry Robertson. She graduated in 2000. Supervised by Dr. Paul Lucassen and Prof Marian Joels, she worked as a PhD student at the Swammerdam Institute of Life Sciences at the Center for Neuroscience, University of Amsterdam from 2001 to 2006. In September 2006 Karin will start a post-doc project at the Institute Fer-a-Moulin, Paris in the group of Prof. Andre Sobel where she will study the role of stathmins in neurodevelopment. The outcomes of her PhD project are described in this thesis.