Microtubule associated proteins and plasticity in the developing and diseased brain

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Publication date
2006

Here I would like to declare that the work presented in chapter 3 and 4 on the tau-KOKI and mice was performed by me, in close collaboration with the Van Leuven lab in Leuven, Belgium where Fred van Leuven, Reena Lasrado and Dr. Dick Terwel were particularly involved in the generation and characterization of both these transgenic mouse lines. Dr. Kristina Sennvik performed the in vitro characterization of the 4R and 3R tau effects that are included in chapter 3.

My DCL work presented in chapter 2 is furthermore a follow up from a series of cell biological, molecular and functional studies of the DCL splice variant that are, for clarity, now presented as an addendum in chapter 6. Except for the mapping studies, the experiments for the latter study were performed in the lab of Dr. Erno Vreugdenhil and Theo Schouten (Medical Pharmacology, LACDR, Leiden) while Dr. Sharon Kolk (RMI, Utrecht University) performed the in utero electroporations.

We furthermore would like to acknowledge the Netherlands Brain bank for the provision of human brain material as studied in chapter 5.

Karin Boekhoorn and Paul Lucassen were supported by the Internationale Stichting Alzheimer Onderzoek (ISAO). Karin Boekhoorn received a pre-doctoral grant from EURON (Marie Curie Training Site QLK6-CT-2000-60042).

Printing of this thesis was facilitated by: the JE Jurriaanse Stichting, the Van Leersum Fonds, Carl Zeiss, Stichting Alzheimer Nederland and the Nederlandse Vereniging voor Microscopie.