

VRIJE UNIVERSITEIT

**Regulation of Spine Maintenance in the Adult Mouse
Visual Cortex by TrkB Signaling**

ACADEMISCH PROEFSCHRIFT

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de Vrije Universiteit Amsterdam,
op gezag van de rector magnificus
prof.dr. L.M. Bouter,
in het openbaar te verdedigen
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door

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2009

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ज्ञानानन्दमयं देवं निर्मल स्फटिकाकृतिम्।
आधारं सर्वविद्यानां हयग्रीवमुपास्महे॥

To my family

Amma, Anna, Ramu, Madni, Aditya and Ramya

Front Cover:

Double immunofluorescence for α GFP and α GABA, a marker for inhibitory neurons in a 50 μ m brain section from a 8 week TLT 817⁺ 3487⁺ mouse

Back Cover:

Confocal image of an 8 week old TLT 817⁺ 3487⁺ mouse showing sparse distribution of pyramidal neurons in the extragranular layers of the visual cortex and in hippocampus