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Under review

Canto C.B. and Witter M.P.
Cellular properties of principal neurons in the rat entorhinal cortex.
I. The lateral entorhinal cortex
Under review at Hippocampus

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Canto C.B. and Witter M.P.
Cellular properties of principal neurons in the rat entorhinal cortex.
II. The medial entorhinal cortex
Under review at Hippocampus

In preparation for submission

Canto C.B., Koganezawa N., Beed. P., Witter M.P.
Monosynaptic Inputs from Presubiculum and Parasubiculum Converge on Medial Entorhinal Cortex Principal Neurons.
To be submitted to Nature Neuroscience.

Canto C.B.*, Koganezawa N.*, Witter M.P. (*Both authors contributed equally)
Development of functional projections from pre- and parasubiculum to medial entorhinal cortex in the rat.

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8.2   Curriculum vitae

Cathrin Barbara Canto was born on October the 20th 1980 in Neuss, Germany. After finishing her A-levels in 2000 at the Georg-Büchner Gymnasium in Kaarst, Germany, she studied Bio-medical Science at the Vrije Universiteit (VU) in Amsterdam, the Netherlands. In 2003 she performed a 5 months internship at the Department of Anatomy (VU) working on calretinin positive neurons in the entorhinal cortex. In 2003 she received a Bachelor in Bio-Medical Science from the VU and subsequently she followed a two years Master of Neuroscience program at the VU. For her masters she performed two internships. In 2004, she was a trainee at the Department of Functional Genomics at the VU, studying the role of Munc-18 in synaptogenesis. In 2005, she assessed the relation of layer 5 pyramidal neuron firing to fast network oscillations in prefrontal cortex at the Department of Physiology, Anatomy and Genetics, University of Oxford, United Kingdom, and the Department of Experimental Neurophysiology (VU). She finished her Masters writing a thesis with the topic "A columnar structure of the entorhinal cortex?".

In October 2005 she started her PhD project dealing with the role of the entorhinal cortex in learning and memory processes at the Norwegian University of Science and Technology (NTNU) in Trondheim, Norway and the Department of Anatomy and Neurosciences (VU), under mentorship of Prof. Dr. Menno Witter. The studies presented in this thesis were performed for a major part at the previously mentioned departments at the VU and the NTNU but also in Prof. Dr. Huibert Mansvelders lab at the Department of Experimental Neurophysiology, VU, in the lab of Prof. Dr. Ole Paulsen at the Department of Physiology, Anatomy and Genetics, University of Oxford, UK, and in the lab of Prof. Dr. Dietmar Schmitz at the Neuroscience Research Center, Charité Berlin, Germany.

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