

CONNYP KOPP-SCHEINPFLUG

ABOUT

Conny Kopp-Scheinflug trained as a biologist at the University of Leipzig with a specialization in electrophysiology. She is a research group leader at the LMU Biocenter and holds a PD PhD in Neuroscience. What she loves about her job as a scientist is moving around the world to work with people of the most diverse backgrounds, yet the same scientific interest and to discover something (no matter how small) nobody else in the world knew about before.

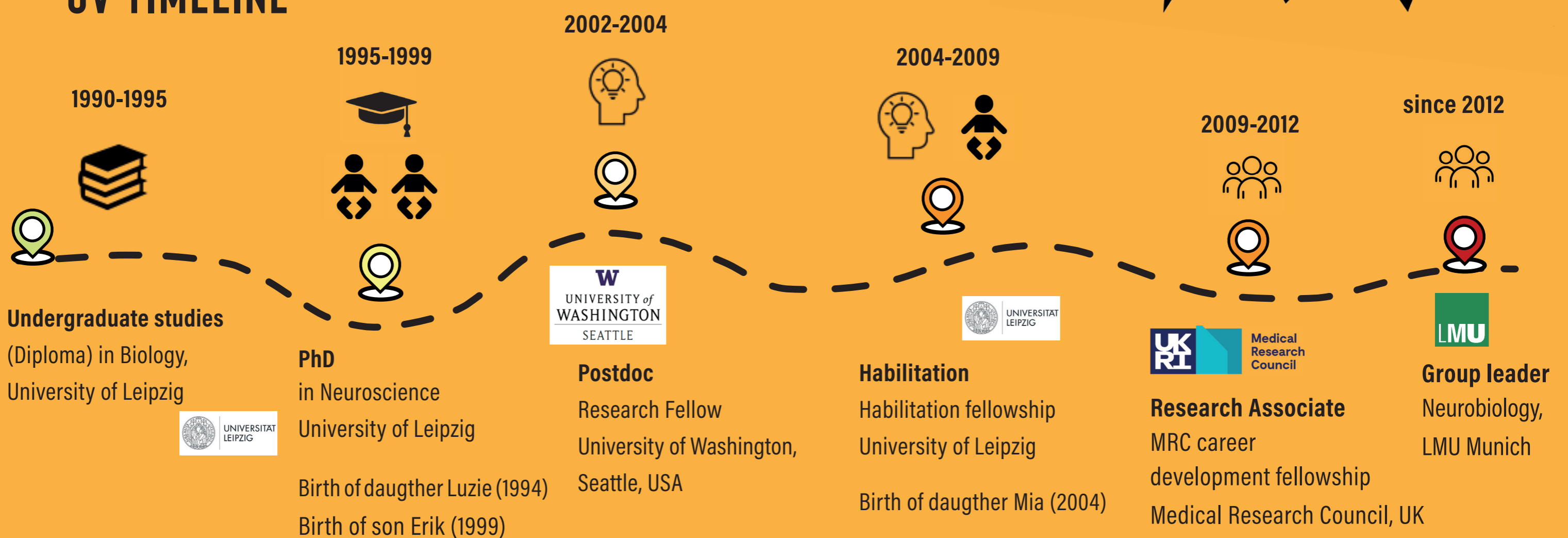
Her team investigates the role of activity-dependent neuromodulation during the processing of time in the brain.



WHAT TO TELL STUDENTS

„Pay attention to details, develop the ability to recognize the unexpected, and maintain your integrity at all times “

CV TIMELINE



KEY EXPERIENCE

How to talk to neurons: repertoire of different electrophysiological methods, including patch-clamp, in vivo single cell recording and evoked potential recording.

MAJOR SCIENTIFIC FINDING

Two of her most important findings are that:

- 1) myelination modulates axonal conduction speed on a use-it-or-lose-it basis, and
- 2) the processing of time in the brain includes neural circuits which are dedicated to encode the end of sensory (e.g. acoustic) stimuli.

