

Carolyn I. Dohle

PERSONAL INFORMATION

E-mail : carolin.dohle@yale.edu
Date and Place of Birth : March 31st 1978, Dortmund, Germany
Nationality : German

WORK EXPERIENCE

Since 07/ 07 *Yale University School of Medicine, Department of Neurology, New Haven, Connecticut, USA*
Neurology Residency
07/ 06- 06/ 07 *Hospital of St. Raphael, Department of Internal Medicine, New Haven, Connecticut, USA*
Internship

TEACHING EXPERIENCE

02/ 08- 04/ 08 *Yale University School of Medicine, Department of Neurology, New Haven, Connecticut, USA*
Neuroanatomy Case Based Conferences for 1st year Medical Students

RESEARCH EXPERIENCE

09/ 04 – 06/ 06 *Yale University School of Medicine, Department of Neurology, New Haven, Connecticut, USA*
Postdoctoral Associate, Department of Neurology
05/ 01 - 05/ 04 *Department of Neurophysiology, Ruhr- University Bochum, Medical School, Bochum, Germany*
Medical Thesis with the subject: "Spatial distribution of changes in network plasticity in the surround of lesions in rat visual cortex in vitro with a 64 multielectrode array". Head of Department: Dr. Ulf T. Eysel.
05/ 99- 04/ 01 *Department of Organ Physiology, Ruhr- University Bochum, Medical School, Bochum, Germany*
Research Assistant. Conducted blind whole-cell patch clamp recordings on chemosensitive neurons in the brainstem-spinal cord preparation of neonatal rats. Head of Department: Dr. Peter Scheid.
09/ 98 - 03/ 99 *Department of Applied Physiology, Ruhr- University Bochum, Medical School, Bochum, Germany*
Research Assistant. I participated in the analysis of data from body plethysmography studies in humans. Head of Department: Dr. Marianne E. Schläfke.

EDUCATION

10/ 97 - 05/ 04 *Ruhr- University Bochum, Medical School, Bochum, Germany*
Medical Student. Grade: Outstanding ("Sehr gut")

HONORS AND AWARDS

- 07/ 06 *Peer Choice Award*
Award presented by the Medicine Residents at the Hospital of St. Raphael to the Intern of their choice
- 07/06-06/07 *Hospital of St. Raphael, New Haven, Connecticut, USA*
Elected member of the Resident Committee of the Department for Internal Medicine
- 09/ 04-06/ 06 *CJ Foundation for Sudden Infant Death Syndrome.* Won a competitive national Postdoctoral Fellowship to support my specific research on Sudden Infant Death Syndrome.
- 10/ 01- 09/ 02 *Bochum University Graduate Research Scholarship.* Fellowship for my studies of changes in network plasticity following lesions in rat visual cortex in vitro.
- 10/ 01- 10/ 02 *Ruhr- University Bochum, Bochum, Germany*
Elected deputy student member of the Senate of the Ruhr-University Bochum.
- 03/ 00- 05/ 04 *German National Academic Foundation (Studienstiftung des deutschen Volkes).*
Award for overall excellence in studies.

PUBLICATIONS:

Richerson G.B., Wang W., Hodges M.R., Dohle C.I., Díez-Sampedro A. (2005) Homing in on the specific phenotype(s) of central respiratory chemoreceptors. *Exp Physiol.* 90(3):259-66.

Severson C.A., Wang W., Pieribone V.A., Dohle C.I., Richerson G.B. (2003) Midbrain serotonergic neurons are central pH chemoreceptors. *Nat Neurosci.* 6(11):1139-40.

POSTERS:

Dohle C.I., Bannykh S., Hisama F.M., Baehring J.M (2008). Molecular Characterization of Adult Onset Cerebral X- Linked Adrenoleukodystrophy. 60th Annual Meeting of the American Academy of Neurology (Chicago, IL, USA).

Dohle C.I., Richerson G.B. (2005). Lack of smooth muscle in arteries next to serotonergic neurons: reduction of the diffusion barrier for CO₂ in areas of central chemoreceptors. XXXV International Congress of Physiological Sciences (San Diego, CA, USA).

Dohle C.I., Eysel U.T. & Mittmann T. (2002). Spatial distribution of long term potentiation measured with a 64 electrode multiarray system in rat visual cortex in vitro. Forum of the European Neuroscience Societies (Paris, France).

INTERESTS:

Mountain biking, Road biking, Cooking, Windsurfing, Hiking