

# PUBLIKATIONSLISTE PROF. DR. NILIMA PRAKASH

Stand: März 2015

## Fünf wichtigste Publikationen

Peng, C., Li, N., Ng, Y.-K. u. a.: A unilateral negative feedback loop between miR-200 microRNAs and Sox2/E2F3 controls neural progenitor cell cycle exit and differentiation. In: *J Neurosci.* 32, 13292-13308 (2012).

Peng, C., Aron, L., Klein, R. u. a.: Pitx3 is a critical mediator of GDNF-induced BDNF expression in nigrostriatal dopaminergic neurons. In: *J Neurosci.* 31, 12802-12815 (2011).

Di Salvio, M., Di Giovannantonio, L. G., Acampora, D. u. a.: Otx2 controls neuron subtype identity in ventral tegmental area and antagonizes vulnerability to MPTP. In: *Nat. Neurosci.* 13, 1481-1488 (2010).

Prakash, N., et al.: Nkx6-1 controls the identity and fate of red nucleus and oculomotor neurons in the mouse midbrain. In: *Development* 136, 2545-2555 (2009).

Prakash, N., et al.: A Wnt1-regulated genetic network controls the identity and fate of midbrain-dopaminergic progenitors in vivo. In: *Development* 133, 89-98 (2006).

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Matthes, M., Preusse, M., Zhang, J. u. a.: Mouse IDGenes: a reference database for genetic interactions in the developing mouse brain. In: *Database*, in press, doi: 10.1093/database/bau083, 2014.

Meier, F., Giesert, F., Delic, S. u. a.: FGF/FGFR2 Signaling Regulates the Generation and Correct Positioning of Bergmann Glia Cells in the Developing Mouse Cerebellum. In: *PLOS ONE* 9, e101124 (2014).

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Peng, C., Li, N., Ng, Y.-K. u. a.: A unilateral negative feedback loop between miR-200 microRNAs and Sox2/E2F3 controls neural progenitor cell-cycle exit and differentiation. In: *J Neurosci.* 32 (2012), 13292-13308.

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## **Übersichtsartikel**

Trümbach, D., Prakash, N.: The conserved miR-8/miR-200 microRNA family and their role in invertebrate and vertebrate neurogenesis. In: *Cell Tissue Res.* 359 (2015), 161–177.

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## **Buchkapitel**

Prakash, N., Veerkamp, C.: Neurobiologie der Suchterkrankungen. In: *Das Böse behandeln. Eickelborner Schriftenreihe zur Forensischen Psychiatrie.* Hrsg. v. Saimeh, L.. Berlin: Medizinisch Wissenschaftliche Verlagsgesellschaft 2014. pp. 145-158.

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Prakash, N., Lendahl, U.: Molecular mechanisms for organizing the developing central nervous system. In: *The newborn brain: neuroscience and clinical applications.* eds: Lagercrantz, H. et al. Cambridge: Cambridge University Press 2002. pp. 29-45.

## **Zitierte Abstracts**

Prakash, N., Andersson, E., Minina, E. u. a.: Genetic pathways controlling midbrain dopaminergic neuron development in vivo. In: *Int. J. Dev. Neurosci.* 26 (2008), 829-833.

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Klafke, R., Wizenmann, A., Wurst, W. u. a.: Mapping of the midbrain dopaminergic system during development of the chicken embryo reveals evolutionary differences between birds and mammals. In: *Int. J. Dev. Neurosci.* 24 (2006), 585.

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