Regulation und Pathologie
von homöostatischen Prozessen
der visuellen Funktion

Forschergruppe 1075

Vortragsankündigung

Zebrafish retina as a model for CNS regeneration

Prof. Dr. Michael Brand

Biotechnology Center TU Dresden

Am Donnerstag, 20.01.2011 um 18.00 Uhr

im Klinikum der Universität, Seminarraum A2

Prof. Dr. Michael Brand is the scientific director of the Biotechnology Center Dresden and leader of the Center of Regenerative Therapies. His main research interests are the embryonic development and regeneration of the central nervous system including the retina. Specifically, his laboratory explores the ability of neuronal tissues to build stem cells and analyzes how this ability can be exploited to initiate regeneration. In this work, the zebrafish retina is used as an important model for regeneration in the central nervous system. In widely recognized contributions, new genes responsible to regulate development of neuronal structures were identified and their role in regeneration was analyzed.

Sprecher der FOR 1075: Prof. Dr. Ernst Tamm
Lehrstuhl für Humananatomie und Embryologie
Universität Regensburg

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