

PhD student position, Department of Dermatology, Medical Center – University of Freiburg

A PhD student position is available starting immediately at the Department of Dermatology, Medical Center – University of Freiburg. The focus of the studies will be on squamous cell carcinoma. The project is part of a collaborative research center on cell migration, cancer invasion and metastasis (CRC/SFB850, <http://www.sfb850.uni-freiburg.de>). Some basic knowledge of biochemistry is an advantage, passion for translational medicine a must.

To apply or for questions please contact Dr. Alexander Nyström, alexander.nystroem@uniklinik-freiburg, Group leader, Department of Dermatology, Medical Center – University of Freiburg

We are looking forward to your application,

Project-related references:

Föll MC, Fahrner M, Gretzmeier C, Thoma K, Biniossek ML, Kiritsi D, Meiss F, Schilling O, Nyström A*, Kern JS. Identification of tissue damage, extracellular matrix remodeling and bacterial challenge as common mechanisms associated with high-risk cutaneous squamous cell carcinomas. *Matrix Biol.* 2017.*Corresponding author.

Mittapalli VR, Madl J, Löffek S, Kiritsi D, Kern JS, Römer W, Nyström A, Bruckner-Tuderman L. 2016. Injury-driven Stiffening of the Dermis Expedites Skin Carcinoma Progression. *Cancer Res.* 76:1-12, 2016.

Kühl T, Mezger M, Hausser I, Handgretinger R, Bruckner-Tuderman L, Nyström A. High Local Concentrations of Intradermal MSCs Restore Skin Integrity and Facilitate Wound Healing in Dystrophic Epidermolysis Bullosa. *Mol Ther* 23:1368-79, 2015

Nyström A, Velati D, Mittapalli VR, Fritsch A, Kern JS, Bruckner-Tuderman L. Collagen VII plays a dual role in wound healing. *J Clin Invest* 123:3498-509, 2013.