

Ausgewählte Publikationen / Selected Publications:

Tönjes M, Barbus S, Park YJ, Wang W, Schlotter M, Lindroth AM, Pleier SV, Bai AH, Karra D, Piro RM, Felsberg J, Addington A, Lemke D, Weibrecht I, Hovestadt V, Rolli CG, Campos B, Turcan S, Sturm D, Witt H, Chan TA, Herold-Mende C, Kemkemer R, König R, Schmidt K, Hull WE, Pfister SM, Jugold M, Hutson SM, Plass C, Okun JG, Reifenberger G, Lichter P, Radlwimmer B.

BCAT1 promotes cell proliferation through amino acid catabolism in gliomas carrying wild-type IDH1. *Nature Med.* 2013 Jul;19(7):901-8. doi: 10.1038/nm.3217.

Carisey A, Tsang R, Greiner AM, Nijenhuis N, Heath N, Nazgiewicz A, Kemkemer R, Derby B, Spatz J, Ballestrem C.

Vinculin regulates the recruitment and release of core focal adhesion proteins in a force-dependent manner. *Curr Biol.* 2013 Feb 18;23(4):271-81. doi: 10.1016/j.cub.2013.01.009.

Kaufmann D, Hoesch J, Su Y, Deeg L, Mellert K, Spatz JP, Kemkemer R.

Partial Blindness to Submicron Topography in NF1 Haploinsufficient Cultured Fibroblasts Indicates a New Function of Neurofibromin in Regulation of Mechanosensory.

Mol Syndromol. (2012); 3(4):169-79. doi: 10.1159/000342698.

C. G. Rolli, H. Nakayama, K. Yamaguchi, J.P. Spatz, J. Nakanishi* and R. Kemkemer* (*contributed equally).

Switchable adhesive substrates: Revealing geometry dependence in collective cell behavior.

Biomaterials. 33, 2409-18, (2012)