

E2.4 (C. Franz)

- [E2.4:1] C.M. Franz and P.-H. Puech, *Atomic force microscopy – a versatile tool for studying cell morphology, adhesion and mechanics*, Cell. Mol. Bioeng. **1**, 289 (2008)
- [E2.4:2] * F. Klein, T. Striebel, J. Fischer, Z. Jiang, C.M. Franz, G. von Freymann, M. Wegener, and M. Bastmeyer, *Elastic Fully Three-dimensional Microstructure Scaffolds for Cell Force Measurements*, Adv. Mat. **22**, 1868 (2010)
- [E2.4:3] * S. Engin, V. Trouillet, C.M. Franz, A. Welle, M. Bruns, and D. Wedlich, *Benzylguanine Thiol Self-Assembled Monolayers for the Immobilization of SNAP-tag Proteins on Microcontact-Printed Surface Structures*, Langmuir **26**, 6097 (2010)
- [E2.4:4] R. Gruschwitz, J. Friedrichs, M. Valtink, C.M. Franz, D.J. Muller, R. Funk, and K. Engelmann, *Alignment And Cell-Matrix Interactions Of Human Corneal Endothelial Cells On Nanostructured Collagen Type I Matrices*, Invest. Ophthalmol. Vis. Sci. **51**, 6303 (2010)
- [E2.4:5] ‡ C. Zeltz, S. Brezillon, J. Kapyla, J.A. Eble, H. Bobichon, C. Terryn, C. Perreau, C.M. Franz, J. Heino, F.X. Maquart, and Y. Wegrowski, *Lumican inhibits cell migration through alpha2beta1 integrin*, Exp. Cell Res. **316**, 2922 (2010)
- [E2.4:6] * F. Klein, B. Richter, T. Striebel, C.M. Franz, G. von Freymann, M. Wegener, and M. Bastmeyer, *Two-component Polymer Scaffolds for Controlled Three-dimensional Cell Culture*, Adv. Mater. **23**, 1341 (2011)
- [E2.4:7] S. Ulbrich, J. Friedrichs, M. Valtink, S. Murovski, C.M. Franz, D.J. Müller, R.H. Funk, and K. Engelmann, *RPE Cell Alignment on Nanostructured Collagen Matrices*, Cells Tissues Organs **194**, 443 (2011)
- [E2.4:8] C.M. Franz and D.J. Muller, *Studying collagen self-assembly by time-lapse high-resolution atomic force microscopy*, Methods Mol Biol. **736**, 97 (2011)