

E2.2 (Schimmel / Wedlich)

- [E2.2:1] S.M. Pancera, H. Gliemann, Th. Schimmel, D.F.S. Petri, *Effect of pH on the adsorption and activity of creatine phosphokinase*, J. Phys. Chem. B **110**, 2674 (2006)
- [E2.2:2] S.M. Pancera, H. Gliemann, Th. Schimmel, and D.F.S. Petri, *Adsorption behaviour and activity of hexokinase*, J. Coll. Interface Sci. **302**, 417 (2006)
- [E2.2:3] J. López Gejo, N. Manoj, S. Sumalekshmy, H. Gliemann, Th. Schimmel, M. Wörner, and A.M. Braun, *Vacuum-ultraviolet photochemically initiated modification of polystyrene surfaces: morphological changes and mechanistic investigations*, Photochem. Photobiol. Sci. **5**, 948 (2006)
- [E2.2:4] H. Gliemann, A.T. Almeida, D.F.S. Petri, and Th. Schimmel, *Nanostructure formation in polymer thin films influenced by humidity*, Surf. Interface Anal. **39**, 1 (2007)
- [E2.2:5] * S. Kalinina, H. Gliemann, M. López-García, A. Petershans, J. Auernheimer, Th. Schimmel, M. Bruns, A. Schambony, H. Kessler, and D. Wedlich, *Isotiocyanate-functionalized RGD-peptides for tailoring cell-adhesive surface patterns*, Biomaterials **29**, 3004 (2008)
- [E2.2:6] * S. Montero-Pancera, V. Trouillet, M. Bruns, Th. Schimmel, P.G. Weidler, A. Petershans, D. Fichtner, A. Lyapin, S. Reichlmaier, D. Wedlich, and H. Gliemann, *Design of Chemically Activated Microwells by One-Step UV- Lithography for Stem Cell Adhesion*, Langmuir **26**, 2050 (2010)
- [E2.2:7] * A. Petershans, A. Lyapin, S. Reichlmaier, S. Kalinina, D. Wedlich, and H. Gliemann, *TOF-SIMS analysis of structured surfaces biofunctionalized by one-step coupling of a spacer-linked GRGDS peptide*, J. Colloid Interface Sci. **341**, 30 (2010)
- [E2.2:8] * 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)
- [E2.2:9] * A. Petershans, D. Wedlich and L. Fruk, *Bioconjugation of CdSe/ZnS nanoparticles with Snap tagged proteins*, Chem Comm **47**, 10671 (2011)