

Position of PhD student (Deadline November 5, 2017)

at Martin-Luther-University Halle-Wittenberg, Institute of Pharmacy, Dept. Biomedical Materials (Group of Prof. Thomas Groth) **from January 1, 2018 on for 3 years** (Part-time employment: 75 % according to TV-L 13)

Prerequisites:

- Diploma or Master (MSc) in Biophysics, Biochemistry, Biomedical Engineering, Chemistry, Physics, or Pharmacy
- Experience with characterization of biomaterials by surface-sensitive methods
- Experience with culture of human cells
- Hand-on experience with characterization of cells with biochemical, histochemical and immune histochemical methods

Tasks:

- Participation in project „Biogenic thermoresponsive polyelectrolyte multilayers as potential substrata for the generation of cell sheets for tissue engineering“
- Study of formation of thermoresponsive surfaces and their surface properties
- Measurement of protein adsorption and adhesion of different cell types
- Characterisation of cell growth with microscopy and biochemical assays
- Histological und immune histochemical study of cell sheets.

Please, send your application with reference number **5-1183/16 D until November 5, 2017** to Prof. Dr. Thomas Groth, Martin-Luther-Universität Halle-Wittenberg, Naturwissenschaftliche Fakultät I, Institut für Pharmazie, AG Biomedizinische Materialien, 06099 Halle (Saale). Tel: 0345 5528460, Fax: 0345 55 27367 or by E-Mail to thomas.groth@pharmazie.uni-halle.de