



Dr. rer. nat.

Denise Gruner

Professur Polymere Mikrosysteme

E-Mail: Denise.Gruner1@tu-dresden.de

Visitors Address: Mierdel-Bau
Nöthnitzer Str. 64
Raum 201

Mail: TU Dresden
Professur Polymere
Mikrosysteme
D-01062 Dresden
Germany

Curriculum Vitae

- | | |
|-------------------|---|
| Since 01/2015 | Research associate at the chair Polymeric Microsystems at TU Dresden |
| 01/2014 – 12/2014 | Research associate at Institute for Clinical Chemistry and Laboratory Diagnostics, Universitätsklinikum Dresden
Project “Diagnostic Integrated Circuits” |
| 10/2011 – 12/2013 | Grant holder from the Max-Planck-Society, MPI for Molecular Cell Biology and Genetics, Dresden
Project “Genetic modification of eukaryotic genomes using TALENs and CRISPR/Cas9” |
| 09/2011 | Doctoral thesis at Institute of Genetics, TU Dresden
„Funktionalisierung von Oberflächen mit gentechnisch modifizierten S-Layern und Hydrophobinen” |
| 11/2007 – 12/2010 | Research associate at Institute of Genetics at TU Dresden
Project “Maßgeschneiderte biofunktionalisierte Schichtsysteme und Mikroorganismen |
| 10/2002 – 11/2007 | Studies of Chemistry (Diploma, Specialization: Biochemistry, Inorganic Chemistry)
Diploma thesis: „Heterologe Expression des SslA-Proteins von <i>Sporosarcina ureae</i> ATCC13881 in <i>E. coli</i> “ |

List of Publications

- D. Knobloch, A. Clemens, K. Ostermann, G. Rödel
The *xylA* promoter of *Bacillus megaterium* mediates constitutive gene expression in *Escherichia coli*.
Engineering in Life Science (2011), 11(5): 458-462.
- D. Knobloch, K. Ostermann, G. Rödel
Production, secretion and cell surface display of recombinant *Sporosarcina ureae* S-layer fusion proteins in *Bacillus megaterium*.
Applied and Environmental Microbiology (2012), 78(2): 560-567.
- D. Knobloch, K. Ostermann, G. Rödel
Self-assembly and antigen presentation of the S-layer protein S13240 fused to the viral HA-antigen.
Max-Bergmann-Symposium, Dresden, Germany, (2010).