

Dr. rer. nat. Britta Spanier

Affiliation: Lehrstuhl für Ernährungsphysiologie, Technische Universität München
Address: Gregor-Mendel-Str. 2, D-85350 Freising-Weihenstephan, Germany
Date of birth: March 10, 1974

Education:
1993 - 1998 Biology, Heinrich Heine-Universität Düsseldorf, Germany
1998 Diploma in Biology, Heinrich Heine-Universität Düsseldorf, Germany
1999 - 2002 PhD in Biology (Dr. rer. nat.), Institute of Genetics, Heinrich-Heine-Universität Düsseldorf, Germany

Career:
2002 - 2004 Postdoctoral fellow, Institute of Neurogenetics, Ludwig-Maximilian Universität, München, Germany
2004 - present Research associate and *C. elegans*-group leader, Lehrstuhl für Ernährungsphysiologie, Technische Universität München

Research Interests:

- Nutrient transport processes (transporters identification, cloning, expression, and characterisation in the model organism *C. elegans* and in human cells)
- Molecular and cellular biology of nutrient functions in control of gene expression
- Transcriptomics, proteomics and metabolite profiling of selected *C. elegans* strains and their culture media
- Analysis of transcriptional and functional modulator proteins of peptide transporters

Teaching:

- Basic biochemistry and physiology for students in Nutritional Sciences, Biochemistry, Molecular Biotechnology
- Advanced courses in Biochemistry, Physiology and Systems Biology for students in Nutritional Sciences

Selected Memberships:

- Member of the German Society of Biological Chemistry & Molecular Biology since 2010