



FACULTY OF HEALTH STUDIES TUL



FACULTY OF SCIENCE,
HUMANITIES AND
EDUCATION TUL

International Workshop on Collaboration between Material Scientists, Chemists and Biologists

Date – 22.1. 2026

Location – Faculty of Health Studies

Department of Science and Research in Biomedical Application

Building T, Třebízského 1244, 46001 Liberec, Czech Republic

Program

- 10.00** Welcome (**Prof. M. Hubálek Kalbáčová** – TUL, CZ)
- 10.15** From biobased resources to green functional materials - **Dr. Katja Heise** (TU Freiberg)
- 10.30** Electrospinning of Pickering emulsions toward multiphasic fibers for potential uses in drug delivery – **Dr. Vanessa Oliveira Castro** (TU Freiberg, D)
- 10.45** Combining ceramics and electrospinning – **Dr. Aidin Nejadslim** (TU Freiberg, DE)
- 11.00** Carbon Nanofibers Based on Lignin: Functionalization and Applications –
Asoc. Prof. Petr Mikeš (TUL, CZ)
- 11.20** Lab tour
- 11.40** Coffee break with refreshment
- 12.15** Biological testing – eukaryotes and prokaryotes - **Dr. Lada Svobodová** (TUL, CZ)
- 12.30** Biological testing – electrostimulation of cells – **Mgr. Olga Buchar Klinovská** (TUL, CZ)
- 12.45** Plant-derived nanoparticles synthesis – **Dr. Veronika Benson** (TUL, CZ)
- 13.00** Discussion on joint project ideas (e.g. for M-ERA.NET)
- 15:00** End of the workshop and farewell (Prof. M. Hubálek Kalbáčová – TUL, CZ)



FACULTY OF HEALTH STUDIES TUL



FACULTY OF SCIENCE,
HUMANITIES AND
EDUCATION TUL

Web links –

TU Freiberg group - <https://tu-freiberg.de/esm/ag-gruene-funktionsmaterialien>

TUL Mikeš group – <https://kfy.fp.tul.cz/katedra/zamestnanci/mikes-petr>

TUL Kalbáčová group - <https://www.fzs.tul.cz/en/departments/department-of-science-and-research-in-biomedical-applications/basic-information>