



Invitation to the 2025-meeting of the project

MULTIFUNCTIONAL MESOPOROUS **S**ILICA-BASED COMPOSITE NANOPARTICLES FOR **B**IOMEDICAL AP**L**ICATION**S** (**S**IBILA)



APVV project No. APVV-23-0097

Trenčín, 21.10. 2025 at 10.00 am

FunGlass – Centre for Functional and Surface Functionalized Glass

Alexander Dubček University of Trenčín

Invitation:

Dear colleagues, co-investigators, we invite you to the meeting of researchers within the APVV project No. APVV-23-0097 with acronym SIBILA. The project involves the Faculty of Natural Sciences of UPJŠ in Košice, the Centre for Functional and Surface Functionalized Glass at Alexander Dubček University of Trenčín and the University of Veterinary Medicine and Pharmacy in Košice.

The aim of the meeting is to coordinate the research activities of the project, mutual logistics of exchange of samples and measurements, financial issues and popularization activities.

2025 meeting venue:

- Conference meeting room at FunGlass – Centre for Functional and Surface Functionalized Glass, Študentská 2, 911 50 Trenčín, Slovakia
- Conference meeting room is located in the last floor of building B, after the stairs.
- The meeting starts at 10.00 am.

Programme:

BLOCK I

10:00 - 10:05	Opening of the meeting, welcome to participants (Dr. Zulema Vargas).
10:05 - 10:25	UPJŠ Košice – “Introduction related to the research carried out and the progress of the project”. (Prof. Vladimír Zelenák).
10:25 - 10:40	UPJŠ Košice – “Mesoporous silica as a vehicle for delivery of anticoagulant drugs”. (MSc. Miratul Alifah).
10:40 - 10:55	FunGlass Trenčín – “Enhancement of osteogenesis and angiogenesis through magnetic mesoporous bioactive glass nanocomposite” (Dr. Martina Vitázková).
10:55 - 11:10	Coffee break

BLOCK II

11:10 - 11:25	UPJŠ Košice - "Nanoporous Silica Pathways Toward Targeted Antithrombotic Treatment". (Dr. Eva Benova)
11:25 - 11:40	FunGlass Trenčín – “Hybrid magnetic mesoporous biopolymer sponges for magnetic hyperthermia and sustained simvastatin delivery” (Dr. Zulema Vargas).

11:40 – 12:00 All participants - Discussion of planned experiments and collaboration between partners, exchange of samples and collaboration on characterisation and measurements.
Discussion of financial issues of the project, coordination in the preparation of reports
Popularisation of the project and general discussion

BLOCK III

12.00 – 12.30 Guided visit to the laboratories of the Centre for Functional and Surface Functionalized Glass

12:30 - 13:30 **Lunch**

We look forward to meeting you.

On behalf of the organisers: Dr. Zulema Vargas and Dr. Martin Michálek

