



Invitation to the Kick-off meeting of the project

**MULTIFUNCTIONAL MESOPOROUS SILICA-
BASED COMPOSITE NANOPARTICLES FOR
BIOMEDICAL APPLICATIONS (SIBILA)**



APVV project No. APVV-23-0097

Košice, 21.10. 2024 at 10.00 am

Faculty of Natural Science, UPJŠ Košice,

Library of the Department of Inorganic Chemistry, Moyzesova 11, Košice

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.

Kick-off meeting venue:

- Library of Department of Inorganic Chemistry, Faculty of Science UPJŠ, Moyzesova 11, Košice.
- Library is located at the second floor of the department, room code is RC2K32.
- The meeting starts at 10.00 am.

Programme:

BLOCK I

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| 10:00 - 10:20 | Opening of the meeting, welcome to participants. Presentation of the main goals and objectives of the project (V. Zeleňák). |
| 10:20 - 10:30 | Introduction of the research teams and departments participating in the project and their focus. Partner UPJŠ Košice (V. Zeleňák). |
| 10:30 - 10:40 | Introduction of the research teams and departments participating in the project and their focus. Partner FUNGLASS Trenčín (M. Michálek). |
| 10:40 - 10:50 | Introduction of the research teams and departments participating in the project and their focus. Partner UVLF, Košice (M. Šuleková). |
| 10:50 - 11:10 | Coffee break |

BLOCK II

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| 11:10 - 11:25 | UPJŠ Košice - Choice of drugs to be investigated in the project for delivery. Choice of porous drug carriers, their synthesis, characterization. Planned experiments (N. Király). |
| 11:25 - 11:40 | Funglass Trenčín - Injectable theranostic platforms based on magnetic SBA-15 nanorods for neurological applications (Z. Vargas). |

- 11:40 - 11:55** UVLF Košice – Use of HPLC analysis for drug detection. (M. Šuleková).
- 11:55 - 12:10** UPJŠ Košice - Implementation of drug delivery experiments in vivo (A. Alexovič-Matiašová).
- 12:10 - 12:25** UPJŠ Košice - Magnetic measurements and hyperthermia experiments (A. Zeleňáková).
- 12:25 - 13:30** Lunch
- BLOCK III**
- 13.30 – 13.50** UPJŠ Košice - Discussion of planned experiments and collaboration between partners, exchange of samples and collaboration on characterisation and measurements (all participants).
- 13.50 – 14.05** Discussion of financial issues of the project, coordination in the preparation of reports (all participants).
- 14.05 – 14.25** Popularisation of the project and general discussion (all participants).
- 14:25 - 14:30** Ending of the Kick-off meeting (V. Zeleňák).

We look forward to meeting you.

On behalf of the organisers: V. Zeleňák

