

ALBANIAN UNIT OF NANOSCIENCE AND NANOTECHNOLOGY

ACADEMY OF SCIENCES OF ALBANIA

June 5<sup>th</sup>, 2020 Prishtina, Kosova

Online meeting – Google Meet Platform 15<sup>00</sup> - 16<sup>30</sup>

## Objectives of the Meeting

This Meeting of NanoAlb in Prishtina will give an overview of research laboratory infrastructure, equipment and other facilities that support the investigations and research activities in the area of nanotechnology of research groups in Kosova attached to NanoAlb, Academy of Science of Albania. This meeting will help the groups to know better each other through presentations and discussions aiming to establish possible and important collaborations in the future. The meeting will serve as a discussion forum area related to nanotechnology application in health as well as agriculture, environment monitoring and safety and security.

## Organized by:

### Academy of Sciences and Arts of Kosova

**Prof. Dr. Fetah Podvorica**, Corresponding member of Academy of Sciences and Arts of Kosova, Head of the Section of Natural Sciences of ASAK (email: [fetahpodvorica@ashak.org](mailto:fetahpodvorica@ashak.org))

**Department of Chemistry**, Faculty of Mathematics and Natural Sciences, University of Prishtina, **Dr. Sc. Albana Veseli** (email: [albana.veseli@uni-pr.edu](mailto:albana.veseli@uni-pr.edu))

## Program

15.00 – 15.10 **Registration**

15.10 – 15.20 Opening – Welcoming speech

**Prof. Fetah Podvorica**

*Department of Chemistry, Faculty of Mathematics and Natural Sciences, University of Prishtina*

*Academy of Sciences and Arts of Kosova*

**Prof. Arben Merkoçi**

*Academy of Science of Albania; Director of NanoAlb*

*Catalan Institute of Nanoscience and Nanotechnology (ICN2), ICREA and The Barcelona Institute of Science and Technology, Barcelona, Spain.*

15.20 - 15.30 Surface modification of materials with nanometer thin layers

**F. Podvorica**

*Department of Chemistry, Faculty of Mathematics and Natural Sciences, University of Prishtina*

*Academy of Sciences and Arts of Kosova*

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- 15.30 – 15.40 2D carbon-based nanomaterials: Theoretical study, synthesis, surface modification and their application  
**A. Berisha**  
*Department of Chemistry, Faculty of Mathematics and Natural Sciences , University of Prishtina*
- 15.40 – 15.50 Electrochemical sensors and biosensors  
**L. Berisha**  
*Department of Chemistry, Faculty of Mathematics and Natural Sciences , University of Prishtina*
- 15.50 – 16.00 Amperometric (bio)sensors based on modified carbon materials as an analytical tool for pharmaceutical and environmental analysis  
**A. Veseli**  
*Department of Chemistry, Faculty of Mathematics and Natural Sciences , University of Prishtina*
- 16.00 – 16.10 Measurement of diffusion, permeation and outgassing of gases through solid materials.  
**S. Avdiqaj**  
*Department of Physics, Faculty of Mathematics and Natural Sciences , University of Prishtina*
- 16.10 – 16.20 The development of successful Nano – formulations for the enhancement of the efficiency and safety of medicines  
**M. Basholli**  
*Department of Pharmacy, Faculty of Medicine, University of Prishtina*
- 16.20-16.30 **Conclusions and Closure of Meeting**