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ORGANIZATION ACTIVITY TYPE

- Government

BRIEF DESCRIPTION OF THE ORGANIZATION

The goal is to provide students with the best possible education, as well as integration into a uniform European educational and scientific area.

SPECIFIC EXPERTISE/CORE TECHNOLOGIES

- Societal Challenges
- Biotechnology
- Health, demographic change and wellbeing, M-Systems for drug delivery and monitoring

EXPERT I



Prof. Mdzinarashvili Tamaz

Director of Institute of Medical and Applied Biophysics, Ivane Javakhishvili Tbilisi State University, Supervisor of bacteriophages and bacteria research laboratory. *Experience in the Health, demographic change and wellbeing.*

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EXPERT II



Dr. Khvedelidze Mariam

Supervisor of Drug Delivery Nanoparticle Research Laboratory, Institute of Medical and Applied Biophysics, I. Javakhishvili Tbilisi State University. *Experience in Health, demodraphic change and wellbeing – MSystems for drug delivery and monitoring*

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INTERNATIONAL COOPERATION EXPERIENCE

We have cooperation with:

- Saarland University in Germany (Department of Biopharmaceutics and Pharmaceutical Technology and Central Isotope Laboratory),
- Comenius University in Slovakia (Faculty of Mathematics, Physics and Computer Sciences Department of Nuclear Physics and Biophysics).

KEY WORDS ON CORE COMPETENCIES

Bacteriophages, bacteria, mechanism of multiplication, structures of macromolecules, calorimeter,

spectrophotometer, viscometer, improved diagnostics, drug delivery nanoparticles, micro - nano-bio systems

ORGANIZATION CONNECTION TO THE H2020 RESEARCH OBJECTIVES

Topics-areas	Of interest	Worked Before	Capable in this area
ICT in 'Leadership in Enabling and Industrial Technologies'			
<i>Content technologies and information management</i>			
Technologies for better human learning and teaching	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ICT in 'Societal challenges'			
<i>SC1: Health, demographic change and wellbeing</i>			
<i>Advancing active and healthy ageing</i>			
Advancing active and healthy ageing with ICT: Service robotics within assisted living environments	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Advancing active and healthy ageing with ICT: Early risk detection and intervention Integrated, sustainable, citizen-center care	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Self-management of health and disease and patient empowerment supported by ICT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Improving health information, data exploitation and providing an evidence base for health policies and Regulation</i>			
Digital representation of health data to improve disease diagnosis and treatment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>