



# SCIENCE AND BUSINESS FOR SMART FUTURE 2021

## BIOTECH PANEL

September 13, 2021  
Hybrid Event

CONFERENCE OPENING SESSION	
14:00	<p><b>Welcome Speech</b></p> <p>Prof. Dimitar Kanev, D.Sc. Vice Rector of Varna Free University</p>
14:10	<p><b>Partners and Participants in SmartConf2021 BioTech Panel</b></p> <p><b>R&amp;I&amp;E Ecosystems Smart Orchestration</b></p> <p>Presented by Assoc. Prof. Galina Momcheva, PhD Head of Computer Science Department, Varna Free University BioMed-Varna Co-founder/Manager</p>
COMPUTATIONAL LIFE SCIENCES SESSION	
14:45	<p><b>Manlio Vinciguerra, PhD</b></p> <p><b>The TRANSTEM EU Project as a Primer for Tech Transfer to Biomedicine</b></p> <p>Presented by Manlio Vinciguerra, PhD Era (European Research Area) Chair in TranSTEM Project in Medical University - Varna</p>
15:00	<p><b>Galina Momcheva, Trifon Chervenkov, Stoyan Pavlov, Anton Andonov</b></p> <p><b>Computational Life Sciences Initiatives, Activities, and Results 2020-2021</b></p> <p>BioMed-Varna, Medical University – Varna, Varna Free University, Quanterall Ltd</p> <p>Presented by Assoc. Prof. Galina Momcheva, PhD Head of Computer Science Department, Varna Free University BioMed-Varna Co-founder/Manager</p>
15:15	<p><b>Trifon Chervenkov, Galina Momcheva, Stoyan Pavlov, Anton Andonov, Vladimir Vatev</b></p> <p><b>An Initiative for Metagenomic Analysis of Urban Wastewater</b></p> <p>BioMed-Varna, BioVoda Ltd, Quanterall Ltd, Varna Free University, Medical University – Varna</p> <p>Presented by Assoc. Prof. Trifon Chervenkov, PhD, MD Medical Genetics Department, Medical University-Varna Head of Laboratory of Clinical Immunology, University Hospital Saint Marina Varna</p>

## BIOMEDICAL IMAGE ANALYSES SESSION

15:30	<p><b>Stoyan Pavlov, Galina Momcheva, Anton Tonchev, Dimo Stoyanov, Martin Ivanov, *</b> <b>BioMedical Image Analyses Interdisciplinary Research and Educational Practices, Activities, Ideas, and Achievements 2019-2021</b> BioMed-Varna, Medical University – Varna, Varna Free University</p> <p>Presented by Assoc. Prof. Stoyan Pavlov, PhD, MD Department of Anatomy and Cell Biology, Medical University – Varna BioMed-Varna Co-founder/Manager</p>
16:00	<p><b>Roman Sokiranski</b> <b>The Development in Medical Imaging is the Essential Basic Structure for the Growing Benefits of Artificial Intelligence in Medicine</b></p> <p>Presented by Dr. Roman Sokiranski Radiological Praxis, Heidelberg, Germany Adjunct Professor of Anatomy and Radiology in the Department of Anatomy and Cell Biology, Medical University – Varna</p>
16:15	<p><b>Lothar Spies</b> <b>Algorithm for the Automatic Detection and Qualification of Pathologies in the Brain. Basics and Areas of Application of Artificial Intelligence</b></p> <p>Presented by Dr. Lothar Spies Jung diagnostics GmbH, Hamburg, Germany</p>
16:30	<p><b>Georgi Kadrev</b> <b>Kelvin Health: Widely Accessible Intelligent Tool That Uncovers Hidden Anomalies in the Human Body Related to Breast Cancer</b></p> <p>Presented by Georgi Kadrev Co-founder &amp; CEO of Imagga &amp; Kelvin Health</p>

## NEUROSCIENCE SESSION

16:45	<p><b>Galina Momcheva, Stoyan Pavlov, Anton Tonchev, Dimo Stoyanov, Martin Ivanov, *</b> <b>Neuroscience Interdisciplinary Research and Educational Practices, Activities, Ideas, and Achievements 2019-2021</b> BioMed-Varna, Medical University – Varna, Varna Free University</p> <p>Presented by Assoc. Prof. Galina Momcheva, PhD Head of Computer Science Department, Varna Free University BioMed-Varna Co-founder/Manager</p>
17:00	<p><b>Arthur Kordon</b> <b>Genetic Programming - The New Rising Star of AI</b></p> <p>Presented by Arthur Kordon, PhD Kordon Consulting Ltd., USA Lecturer in Computer Science Department, Varna Free University</p>

## CURRENT PROJECTS SESSION

17:15	<p><b>Project BG05M20P001-2.016-0025</b> <b>Creating of a Multidisciplinary Educational Environment for Development of Specialists with Integral Competencies in BioMedicine and HealthCare</b></p> <p>Presented by Prof. Anton Tonchev, MD, PhD, DSc Head of Department of Anatomy and Cell Biology, Medical University – Varna Director of Research Institute, Medical University-Varna</p>
17:30	<p><b>Project BSB-CIRCLECON - BSB 1021</b> <b>Knowledge of the Circular Economy in the Black Sea Basin</b></p> <p>Presented by Assoc. Prof. Eleonora Tankova, PhD Dean of the Faculty of International Economics and Administration, Varna Free University</p>
17:45	<p><b>Project DTP3-656-1.2. D-CARE</b> <b>Developing, piloting and validating smart care models in Danube region for supporting social innovation, improving competences and entrepreneurship</b></p> <p>Presented by Assoc. Prof. Ralitsa Zhekova, PhD Regional Agency for Entrepreneurship and Innovations - Varna (RAPIV) Department Administration, Management and Political Sciences, Varna Free University</p>

## MATCHING SESSION

18:00	Free Time – Matching and Relax
18:30	<p><b>Jazz Party (in-person)</b> Varna Free University Park</p> <p>Presented by: Polina Antonova (vocal) Chavdar Gochev (guitar and loop) Atanas Atanasov (tenor sax) Tsvetan Momchilov (piano)</p>