

## "Life Sciences Baltics 2023" Conference Topics

	Topics	Subtopics
1.	<b>Spotlights of Biotechnology</b>	<p>1. Multi-Cancer Early Detection Methods and Potential Applications (OK, Japan);</p> <p>2. Organoids: current applications and the future</p> <p>3. Cardiogenomics</p> <p>4. Gene editing for health applications OK, LT</p> <p>5. Microbiome (based therapeutics)</p> <p>6. Theranostics and personalized nanomedicine</p> <p>7. Novel Research in Neurodegenerative Diseases</p> <p>8. Mental Health (novel research)</p>
2.	<b>Pharmaceuticals: Playground for Everyone</b>	<p>1. Advances in Allogeneic Cancer Cell Therapy and Futur Perspectives (the future for mass production) /Mission: Multi-Cancer. Early Detection &amp; Individualised Therapies</p> <p>2. Genomic vaccines;</p> <p>3. Increasing worldwide demand for outsourcing in clinical trial activities/ Reinventing Clinical Trials: Zebra Fish, Organoids or AI?</p> <p>4. Orphan drugs</p> <p>5. Generic drugs</p> <p>6. mRNA and Beyond</p> <p>7. The future of drug discovery</p> <p>8. Theranostics: a Scam or a Dream?</p> <p>9. From Big Pharma to Big Biotech</p> <p>10. Mental Health</p>
3.	<b>Multilayers in Medical Technologies</b>	<p>1. Novel solutions for diagnostics and treatment</p> <p>2. In vitro diagnostics solutions</p> <p>3. Medical technologies from prevention until care (TECHNOLOGY IN MENTAL HEALTH; INTERNET OF MEDICAL THINGS)</p> <p>4. Future for the immunotherapy</p> <p>5. Regenerative medicine (including bioprinting)</p>

4.	<b>Digital Health Technologies: Normal has been redefined</b>	<p>1. AI &amp; Digital Health innovations (USA TBC);</p> <p>2. Wearable health technology (wearable devices, mobile health apps, personalized medicine, telemedicine, electronic medical records, telehealth);</p> <p>3. The Intersection of AI and biotechnology (new generation technologies);</p> <p>4. Novel prevention solutions;</p> <p>5. Computer-aided drug design;</p> <p>6. DiGA, Digital Therapeutics (DTx), digital biomarkers; (TBC Germany);</p> <p>7. AI in healthcare (machine learning evaluates large amounts of patient data and other information, remote patient monitoring) / AI in healthcare: a doctor and a nurse? (UK /LT)</p>
5.	<b>What's Next: Emerging Trends in Life Sciences</b>	<p>1. Antiaging, Fertility Tech, Nanomedicine, CRISPR Diagnostics</p> <p>2. Drug Delivery Devices: Targeted Drugs at Lower Doses</p> <p>3. Gene editing for health applications</p> <p>4. Life Sciences future in Metaverse</p> <p>5. Health in Web3</p>
6.	<b>Startup ecosystem</b>	<p>Building BioTech versus TechBio;</p> <p>From failure to success;</p> <p>Unicorn (SE.TBC)</p>
7.	<b>Discussions</b>	<p>1. <b>Opportunities for cross-country collaboration on building an innovation cluster (OK. Italy, OK. IE, TBC DE or NOR)</b></p> <p>2. <b>Biomanufacturing. Future of Biotech industries</b></p>