

THURSDAY, 28 NOVEMBER 2024



Life
SCIENCE
OPEN
SPACE

November 28-29, 2024

TIME	LARGE HALL B	SEMINAR ROOM
09:00 AM	Welcome & Official Opening	
09:15 AM	KEYNOTE: Making healthcare safer, more affordable and more efficient with in silico technologies. From a myth to the new reality Expert: THIERRY MARCHAL	
10:00 AM	Bridging Science and Technology - Innovations in MedTech / Digital Health hosted by ŁUKASZ SZYDŁOWSKI, SANO	Dent Tech - the future of dental technology and oral health hosted by PIOTR FUDAŁEJ, UJ
1:00 PM	Light Lunch 🍔🥗🥙	
1:30 PM	Pioneering Health Solutions - Unlocking the Power of Biotech and HealthTech hosted by TOMASZ KOŚCÍÓŁEK, SANO	Food & Lifestyle - Pathways to Sustainable Health hosted by JOANNA UCHAŃSKA, AJ LAW
3:30 PM	Coffe break ☕	
3:50 PM	Pioneering Health Solutions - Unlocking the Power of Biotech and HealthTech hosted by TOMASZ KOŚCÍÓŁEK, SANO	Food & Lifestyle - Pathways to Sustainable Health hosted by JOANNA UCHAŃSKA, AJ LAW
5:30 PM	Time to relax before the evening!	
7:00 PM	 INSPIRATIONS NETWORKING EVENT Choice Club, Floriańska 15, Kraków	

FRIDAY, 29 NOVEMBER 2024	
TIME	LARGE HALL B
9:00 AM	LIFE SCIENCE STARTUP SCENE: Innovators Shaping Tomorrow (Healthcare Investment Hub (HIH) Final Gala!) hosted by JAROSŁAW CHOJECKI, PFR
12:30 PM	Coffe break ☕
1:00 PM	Digital Health Development and Implementation in Healthcare hosted by KATARZYNA NICHOLSON, SANO & ANDRZEJ RYŚ, EUROPEAN COMMISSION
2:15 PM	QUESTIONS THAT MATTER: the wrap up of the conference hosted by KAZIMIERZ MURZYN, KLSK
3:00 PM	Light Lunch 🍔🥗 with Polish wine sponsored by Uniwersytet Rolniczy





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WELCOME	09:00	Kazimierz Murzyn, Klaster LifeScience Krakow Gabriela Konopka-Cupiał, Uniwersytet Jagielloński Maciej Malawski, Sano	Welcome & Official Opening
	KEYNOTE	09:20	Thierry Marchal, Avicenna Alliance
	10:00	Session wrap up	

SESSION PARTNER: Sano Center for Computational Medicine				
Bridging Science and Technology	Łukasz Szydłowski, Sano Centre for Computational Medicine		SESSION CHAIRMAN	
	Introduction	10:00	Łukasz Szydłowski, Sano	How can genome mining from space-dwelling bacteria help us to stay healthy while colonizing other planets? A bioinformatics perspective
	KEYNOTE	10:10	Marzena Ożarek-Szilke, Mummy Research Center	The future in the past. Life Science in the mummies studies.
	Cooperation offers	10:20	Paweł Wąsowicz, Diagnostyka SA	The application of artificial intelligence (AI) in the diagnosis of prostate cancer, with a particular emphasis on the evaluation of histopathologic samples. Case Study.
		10:30	Vladimir Mityushev, Politechnika Krakowska	Analytical RVE theory of dispersed random media and its application to cancer detection
		10:40	Przemysław Korzeniowski, Sano	Virtual Reality Simulators for Surgical Training - Fetoscopic Case
		10:50	Maciej Stanuch, MedApp	CarnaLife Holo MedNav - mixed reality guided biopsy solution utilizing markerless needle tracking and imaging data superimposition
		11:00	John Fenner, University of Sheffield	VR and the RV Phantom
		11:10	Sabina Martyniak, Sano	SimuScope: Realistic Endoscopic Synthetic Dataset Generation through Surgical Simulation and Diffusion Models
		11:20	Dawid Chajec, BrainScan	BrainScan - comprehensive support for clinical decisions based on analysis of brain computed tomography scans through AI
		11:30	Kuba Chrobociński, Sano	Collaborative Virtual Reality Environment for Pulmonary Hypertension Diagnosis
		11:40	Michał Harańczyk, Comarch	Comarch Sleep Polygraph: Remote Diagnosis of Sleep Apnea
		11:50	Maike Neumann, BioLAGO e.V.	TraceBot: Advancing Robotic Traceability for Sterile Medical Product Handling in Regulated Healthcare Environments
		12:00	Roman Major, Instytut Metalurgii i Inżynierii Materiałowej PAN	Metamaterials for laparoscopic tools
		12:10	Dagmara Słota, Politechnika Krakowska	Innovative material for 3D printing of bones
		12:20	Agnieszka Tomala, Politechnika Krakowska	Next generation of porous, gradient, bio-active and laser textured Ti/HAp composite biomaterials
12:30		Session wrap up		

SESSION PARTNER: Ryvu Therapeutics				
Pioneering Health Solutions	13:30		SESSION CHAIRMAN	
	Tomasz Kościółek, Sano Centre for Computational Medicine			
	Introduction	13:30	Tomasz Kościółek, Sano	
	KEYNOTE	13:40	Kamil Sitarz, Ryvu Therapeutics	Building project value through clinical development
	Cooperation offers	14:00	Paweł Łabaj, Onebiome	Get to know your microbiome - together you will take care of the quality of your life
		14:10	Jarosław Biliński, Human Biome Institute	On the way to a biosynthetic microbiome with smart drug properties. Human Biome perspective
		14:20	Agata Szymanek, Perseus Biomics	The insights of shotgun, the price of 16S and the speed of PCR: Optical Mapping redefines microbiome profiling
		14:30	Krzysztof Rataj, Ardigen	Phenotypic screening for small molecule drug discovery
		14:40	Natalia Haraszkiewicz-Birkemeier, European Commission	Advancing Patient-Centred Oncology Care in Europe: Harnessing Innovation through HTA Regulation
		14:50	Gabriela Krężel, Uniwersytet Jagielloński	"European Vaccination beyond COVID-19" – European project focused on promotion of tools supporting vaccination
		15:00	Coffee break	
	15:20		SESSION CHAIRMAN	
	Dominik Czaplicki, Sano Centre for Computational Medicine			
	Cooperation offers	15:20	Aleksandra Włodarczyk, Collaborative Drug Discovery, Inc.	From Data to Discovery with CDD Vault
		15:30	Adam Paclawski, Uniwersytet Jagielloński	Prometheus drug AI system: crafting drugs of the future.
		15:40	Michał Jagodziński, Voxel	Gallium-68 isotope and other metal radioisotopes as a tool for developing new drugs.
15:50		Maciej Szaleniec, Instytut Katalizy i Fizykochemii Powierzchni PAN	Multipurpose enzymatic system for synthesis of drug candidates	
16:00		Artur Biela, Uniwersytet Jagielloński	cryoEM - a perfect tool for medicinal biology	
16:10		Agnieszka Wojtkiewicz, Instytut Katalizy i Fizykochemii Powierzchni PAN	TriBioSterA — Triterpene Bio-production for Healthier Steroid Alternatives	
16:20		Maciej Olszewski, Selvita	HiScAI - phenotypic testing platform based on High Content Screening image acquisition and Artificial Intelligence image analysis	
16:30		Magdalena Goncerz, Instytut Katalizy i Fizykochemii Powierzchni PAN	Dendrimer Platforms for Drug Delivery System – Physicochemical Properties in Context to Biological Responses	
16:40		Karina Niziołek, Politechnika Krakowska	Hierarchical biomaterials as a solution to the problem of treating osteochondral defects	
16:50		Marcin Krzykawski, Real Research	Translational 3D cell culture research model for studying highly resistant cancers and applications in immunotherapy	
17:00		Anna M. Osyczka, Uniwersytet Jagielloński	Novel method for obtaining osteoblastic cells from adipose-derived stem cells	
17:10	Anton Siomchen, EPAM Systems (Poland)	Enhancing Chemical Research and Education with Ketcher: The Open-Source Structure Editor		
17:20	Zaid Jaber, KG Legal	Cultural and religious challenges for pharma and biotech products registration in Islamic countries		
17:30		Session wrap up		



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SESSION PARTNER: Uniwersytet Jagielloński

Dent Tech

		Piotr Fudalej, Uniwersytet Jagielloński	SESSION CHAIRMAN
KEYNOTE:	10:00	Piotr Fudalej, Uniwersytet Jagielloński	Opportunities and Challenges in Dentistry and Craniofacial Surgery
Cooperation offers	10:20	Małgorzata Skucha-Nowak, Śląski Uniwersytet Medyczny	Dental infiltrant – painless treatment for tooth decay
	10:30	Małgorzata Skucha-Nowak, Śląski Uniwersytet Medyczny	Virtual Dental Office – an Innovative Educational Tool for Undergraduate and Postgraduate Training
	10:40	Marzena Dominiak, Uniwersytet Medyczny we Wrocławiu	Personalized 3D bone reconstruction in maxilla-facial region
	10:50	Michał Iwański, Dentscriptor	Dentscriptor: Revolutionizing Dental Radiology Reporting
	11:00	Anna Wójcicka, Akademia Górniczo - Hutnicza	A New Era in Dentistry: Precision Root Canal Treatment Enabled by Artificial Intelligence
	11:10	Katarzyna Starzak, Politechnika Krakowska	Novel photoinitiators and resin formulations dedicated for photo-curable dental materials and 3D printing
	11:20	Agnieszka Garlicka, Uniwersytet Jagielloński	Mixed Reality Technology for Visualizing and Enhancing Treatment Planning of Impacted Teeth
	11:30	Piotr Pańtak, AGH	Calcium Phosphates in Biomedical Applications: Future-Oriented and Tailored for Patients
	11:40	Krzystian Bania, Air Abrasion System	AbraJet - painless and vibration-free treatment of tooth decay
	11:50	Marta Kamińska, Uniwersytet Jagielloński	PerioDye: periodontitis diagnostic system
Discussion pannel	12:00	Piotr Fudalej, Uniwersytet Jagielloński	Discussion pannel
12:30		Session wrap up	

SESSION PARTNER: EIT Health Innostars / Berry+ / Małopolskie Voivodeship

Food & Lifestyle

		Joanna Uchańska, AJ LAW	SESSION CHAIRMAN
KEYNOTE	13:30	Joanna Uchańska, AJ LAW	Food of the future start today - a regulatory picture as a key
Cooperation offers	13:50	Frederic Berkmann, Merc	The Cultured Meat project at Merck Life Science
	14:00	Anna Pasternak-Winiarska, NutroPharma	Berry+ The Impact of Diet and Nutraceuticals on Women's Health: Supporting Physiology and Reducing Pathology
	14:10	Justyna Waśniowska / Krawczyk Katarzyna / Raczyska Aleksandra / Kaczmarczyk Julia / Grzyśka Zuzanna / Pomietło Urszula, Uniwersytet Rolniczy	AHA! NutriSupport - Innovation in the Fight against Malnutrition
	14:20	Matteo Costantini / Joanna Trznadel, Vivatis Pharma	Berry+ Greenluronic - A revolutionary vegan hyaluronic acid
	14:30	Krzysztof Lemke, Aronpharma	Berry+ Innovative Formula for IBS Support: Clinical Outcomes and Future Challenges.
	14:40	Katarzyna Krawczyk / Justyna Waśniowska, Uniwersytet Rolniczy	Plant biofortification with iodine - an opportunity to improve public health and develop the functional food market
	14:50	Piotr Guzy, WiseMed	Preventive medicine in community pharmacy: Pharmacist-led point-of-care diagnostic testing.
	15:00	Małgorzata Filipińska, Uniwersytet Jagielloński	AHA! Patient Navigation for people with cancer
	15:10	Przemysław Wrona / Blanka Podziemska / Oliwia Sozanska	AHA! Holimetr - an innovation in physiotherapy
	15:20	Michał Raburski, VR Mirai	Can VR Be the Key to Better Motor Skills and Cognitive Wellness?
15:30	Coffee break		
Cooperation offers	15:50	Lesław Jan Ślisz, FortiFruits	O'berry technology to improve color and taste of food and medical products
	16:00	Izabela Śmiałowska, Regionalny Ośrodek Polityki Społecznej w Krakowie	AHA! A small step. A big change - get a grant and test social innovations
	16:10	Błażej Wolańczyk, Fundacja Zobaczyć Morze	AHA! Accessible sailing for blind and visually impaired
	16:20	Magdalena Kostrzon, Wieliczka' Salt Mine Health Resort	AHA! Telemedicine tools in rehabilitation and respiratory physiotherapy
	16:30	Wojciech Szczówka / Julia Nowak / Dominik Jasiówka, Akademia Górniczo-Hutnicza	AHA! Nić Ariadny - solving the labyrinth in Your hospital
	16:40	Michał Krupiński / Piotr Dziadowicz, Lekko	AHA! Lekko: Revolutionizing Prescription and Pill Management for Doctors, Caregivers, and Patients
	16:50	Paweł Stowiakowski, KPCOM	AHA! AI remote diagnostics and solutions for eldercare
	17:00	Małgorzata Kolarska / Krzysztof Piskorz, black pixel	AHA! Złoty Odbiornik - Empowering Senior Well-being with Smart Radio
Discussion pannel	17:10	Joanna Uchańska, AJ LAW	Discussion pannel
17:30		Session wrap up	



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SESSION PARTNER: Polski Fundusz Rozwoju

LIFE SCIENCE STARTUP SCENE

		Jarosław Chojecki, Polski Fundusz Rozwoju	SESSION CHAIRMAN
KEYNOTE	09:00	Eliza Kruczkowska, Polski Fundusz Rozwoju	From Challenge to Solution: How PFR's Healthcare Investment Hub Fuels Medical Innovation
Healthcare Investment Hub (HIH) Final Gala!	09:15	Amine Benmoussa, Karista	investing in CEE countries, including Poland, specifically in the medical sector
	09:30	Małgorzata Sochacka, Britenet	AI-driven patient monitoring tool supporting therapy of bipolar disorder and depression
	09:40	Tomasz Mikosz, FindAir	FindAir - Smart Inhalers for respiratory care
	09:50	Katarzyna Kastelli-Drzewiecka, Hemolens Diagnostics	Transforming Cardiac Diagnostics with the Cardiolens Platform. Suite of Cloud-based SaMD Solutions
	10:00	Katarzyna Goch / Krzysztof Łukaszuk, iYoni App by LIFEBSITE	iYoni app - medical platform for better fertility journeys
	10:10	Emanuela Kufel, Prosoma	Prosoma - the comprehensive support tool for oncology
	10:20	Ivan Osadchyy, KNOPKA	knopka - solution for care processes automation in public hospitals
	10:30	Marcin Jaraczewski, Lawmore	Mastering VC Negotiations: Key Strategies for Startups
	10:40	Karolina Tądel, Novartis	Novartis Poland
	10:50	Joanna Broy, EIT Health Innostars	EIT Health as an instrument supporting creation of an innovative ecosystem
Cooperation offers	11:00	Igor Plaza, Urinergy	Urinergy - direct green fuel cells
	11:10	Hubert Borecki, B&W MED	Bodyfix.app - physiotherapy session like popular teleconsultation
	11:20	Arkadiusz Klej, SpeechFlow	SpeechFlow - join the pioneers of modern speech therapy!
	11:30	Sylvia Socha-Liro, Pre-triage	Pre-triage
	11:40	Joanna Lipner, Pikralida	Pikralida - a drug development company
	11:50	Steve Liebich, BINOS	BINOS - Three Generations of Scientific Progress in One Decade
	12:00	Ruslana Dovzhyk, Technovator	First remote quantum charging solution for the active implantable devices.
	12:10	Maciej Skorko, Risksense	Stay on the Safe Side: Using AI to Drive Real Behavioral Change in Alcohol Use Reduction
	12:20	Maciej Czarnik, Triloka	Benefits of filing exploratory patent applications at the European Patent Office
	12:30	Session wrap up	

SESSION PARTNER: Sano Center for Computational Medicine

Digital Health

		Katarzyna Nicholson, Sano Centre for Computational Medicine	SESSION CHAIRMAN
Q&A Session	13:30	Monika Ślęzak	Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii
		Kazimierz Murzyn	Fundacja Klaster LifeScience Kraków
		Andrzej Ryś	European Commission
		Anetta Undas	Krakowski Szpital Specjalistyczny im. św. Jana Pawła II
		Rafał Józwiak	Ośrodek Przetwarzania Informacji – Państwowy Instytut Badawczy
		Ziemowit Ostrowski	Hemolens Diagnostics
			14:15

QUESTIONS THAT MATTER

WRAP UP

		Kazimierz Murzyn, Fundacja Klaster LifeScience Kraków	SESSION CHAIRMANS
the wrap up of the conference	14:15	Monika Ślęzak	Sieć Badawcza Łukasiewicz – PORT Polski Ośrodek Rozwoju Technologii
		Andrzej Ryś	European Commission
		Tomasz Nocuń	FamiCordTx S.A.
		Kamil Sitarz	Ryvu Therapeutics
	15:00	Session wrap up	

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