

Programme



Day 1, Tuesday

25th of May 2021

09:30 10:00 **WORKSHOP REGISTRATION**

WORKSHOPS

10:00 16:30

- Sample Preparation and Quality Control of Nucleic Acids
- MicroRNA Analysis



Day 2, Wednesday

26th of May 2021

09:30 10:00 **WORKSHOP REGISTRATION**

WORKSHOPS

10:00 16:30

- Quality Control in Molecular Diagnostics
- MicroRNA analysis
- Sample Preparation and Quality Control of Nucleic Acids

15:30 18:00 **CONFERENCE REGISTRATION** and Poster setup

16:40 16:50 **CHAIRMAN TALK** – Mikael Kubista

16:50 17:30 **Uwe Oelmueller** -

17:30 17:50 **Radek Kučera** - Diagnostic algorithm of Prostate Cancer

17:50 18:10 **Marek Minarik** - Use of oncoMonitor™ ctDNA assay for monitoring of minimal residual disease, detection of recurrence and prediction of therapy response in advanced colorectal and lung cancers

18:10 **SOCIAL EVENT 1 / POSTER SESSION**



Day 3, Thursday

27th of May 2021

08:00	09:00	CONFERENCE REGISTRATION and Poster setup
09:00	09:10	WELCOME – Pavel Martásek , BIOCEV director
09:10	09:50	Klaus Pantel - Liquid Biopsy: From discovery to clinical implementation
09:50	10:30	Ulrike Schröder - Linking research, innovation and standardization
10:30	10:50	Veronika Mikulová - Our experience in liquid biopsies of prostate cancer patients
10:50	11:10	COFFEE BREAK
11:10	11:50	Peter Riegman - Increased reproducibility with standardization of sample pre-analytics
11:50	12:30	Eva Kriegová - Orthopaedics towards precision medicine: patient stratification to improve clinical outcomes
12:30	13:10	Fay Betsou - Processing laboratories and precision diagnostics: challenges and opportunities
13:10	13:50	Marek Mráz - The biology of miRNAs in B cell malignancies and their use as biomarkers
13:50	15:10	LUNCH / POSTER SESSION
15:10	15:50	Kurt Zatloukal - Pre-analytical requirements for in vitro diagnostic medical devices
15:50	16:30	Andrea Wutte - BBMRI-ERIC, a common approach to excellent research on quality-defined human specimens
16:30	17:10	Helen Parkes - International Standardization in support of Advanced Healthcare Technologies for Precision Medicine
17:10	17:25	Eddy van Collenburg - The use of Droplet Digital PCR to improve the application of quantitative molecular diagnostic methods
17:25	17:45	Marie Karlíková - Preanalytic rules in biobanking
17:45	18:15	REFRESHMENT BREAK
18:20		BUS FROM BIOCEV TO THE CITY CENTER, SOCIAL EVENT 2





Day 4, Friday

28th of May 2021

09:00	09:40	Jo Vandesompele - Extracellular RNA profiling in human biofluids: about standardization and beyond microRNAs and plasma
09:40	10:20	Mikael Kubista - Two-Tailed PCR for Precision Diagnostics
10:20	10:40	Svitlana Gramatiuk - Attitudes of Biobanks and Associated of parents towards the specimen donation of sick children to a hypothetical biobank
10:40	10:55	Tomasz K Wojdacz - Current use of the methylation biomarkers in in-vitro diagnostics
10:55	11:15	Agnieszka Śmieszek - Obesity-induced changes in metabolism of equine endometrial multipotent stromal cells are ameliorated by seminal extracellular vesicles
11:15	11:45	COFFEE BREAK
11:45	12:25	Karl-Friedrich Becker - Quality control and biomarker stability studies using unique tumour tissue samples exposed to different ischemic conditions
12:25	13:05	Ondřej Slabý - Non-coding RNAs as a tool of precision diagnostics in solid cancer
13:05	13:45	Giorgio Stanta - Reproducibility of Clinical Research in Precision Oncology
13:45	15:20	LUNCH / POSTER SESSION
15:20	16:00	Jiří Drábek - Epigenetic age estimation of healthy Czech population
16:00	16:20	Alexandra Bogožalec Košir - How to find the proper test – A case study on development of DNA-based methods for monitoring nosocomial respiratory tract infections
16:20	16:40	
16:40	17:00	CLOSING SUMMARY / BEST POSTER AWARD CEREMONY by Mikael Kubista
