

CONFERENCE PROGRAM

SUNDAY | JUNE 14

17.00-18.00	Registration and coffee
18.00-18.10	20thCEEPC Welcome - Prof. Mario Cindrić
18.10-19.00	Keynote Lecture Prof. David Goodlett A BRIEF HISTORY OF PROTEOMICS: FROM PROTEIN CHEMISTRY TO SPATIAL PROTEOMICS
19.00	Get together – wine and snacks

MONDAY | JUNE 15

Morning Session | Cancer Proteomics | Chair: Dr. Suresh Jivan Gadher

09.00-10.00	Morning coffee
10.00-10.10	Dr. Suresh Jivan Gadher: Celebrating 20 years of CEEPC milestone
10.10-11.00	Keynote Lecture Prof. Ted Hupp DEVELOPMENT OF NOVEL ANTIBODY-BASED DETECTION PLATFORM FOR USE IN OESOPHAGEAL ADENOCARCINOMA
11.00-11.35	Prof. Javier Alfaro A PHYSICAL-EVIDENCE-BASED ATLAS REVEALS HOW MHC CLASS I PEPTIDE PROMISCUITY SHAPES CANCER ANTIGEN LANDSCAPES (20min lecture + Q&A)
11.35-12.10	Dr. Irena Đapić NOVEL MOLECULAR TECHNOLOGIES FOR INVESTIGATION OF TISSUES AND BIOFLUIDS (20min lecture + Q&A)
12.10-12.45	Dr. Katarina Davalieva FROM TISSUE PROTEOMICS TO URINE BIOMARKERS IN UROLOGICAL CANCERS: AN INTEGRATIVE PIPELINE FOR DISCOVERY AND VALIDATION (20min lecture + Q&A)
12.45-13.00	An open forum and round-table discussions
13.00-14.00	Lunch break

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Afternoon Session MultiOmics & Proteomics Chair: Dr. Manghes Bhide	
14.00-15.00	Keynote Lecture Prof Laura Bindila MULTI-OMICS STRATEGIES FOR NEURO-IMMUNO METABOLISM PHENOTYPING IN HEALTH AND DISEASES
15.00-15.35	Dr. Kathirvel Alagesan REBEL, REBEL: BREAKING NORMS WITH PROTEASE MULTIPLEXING FOR GLYCOPROTEOMICS (20min lecture + Q&A)
15.35-16.10	Prof. Dr. Frank Schmidt MULTI-PROTEOMICS REVEALS SIGNIFICANT PROTEIN AND INFECTION-RELATED ANTIBODY ALTERATIONS IN TYPE 2 DIABETES (20min lecture + Q&A)
16.10-16.45	Dr. Anita Horvatić DECODING MOLECULAR INTERPLAY IN CANINE INTERVERTEBRAL DISC HERNIATION: A MULTI-OMICS PERSPECTIVE (20min lecture + Q&A)
16.45-17.15	Coffee Break
Top-down Bottom-up proteomics Chair: Dr. Katarina Davalieva	
17.15-17.50	Dr. Renata Biba DIRECTED PEPTIDE FRAGMENTATION ENABLES DE NOVO SEQUENCING FOR BIOTYPIZATION OF COMPLEX PROTEOMES (20min lecture + Q&A)
17.50-18.25	Dr. David Kilgour EXORCISING THE GHOSTS IN YOUR DATA: A MULTILAYER APPROACH TO FILTERING OUT SUSPECT TOP-DOWN ASSIGNMENTS (20min lecture + Q&A)
19.00	Wine and snacks Poster session with designated committee

TUESDAY JUNE 16	
Morning Session Emerging New Technologies, Single Cell & Cell Proteomics Chair: Dr. Laura Bindila	
9.00-10.00	Morning coffee Poster session, Q&A
10.00-11.00	Keynote Lecture Dr. Peter Verhaert SPATIAL ATMOSPHERIC PRESSURE IONIZATION HIGH-RESOLUTION MS ANALYSIS OF ENDOGENOUS (NEURO)PEPTIDES AND METABOLITES IN PATHOLOGISTS' FFPE SAMPLES (20min lecture + Q&A)
11.00-11.35	Ass. Prof. Gabriel Mazzucchelli FROM SINGLE CELLS TO LARGE COHORTS: BOOSTING PROTEOMICS THROUGH ENHANCED PEPTIDE RECOVERY AND ROBUST LC-MS PERFORMANCE (20min lecture + Q&A)
11.35-12.10	Dr. Ondrej Lacina (Altium international) DATA QUALITY AS THE FOUNDATION: AUTOMATED SAMPLE PREPARATION AND PROTEIN CHARACTERIZATION IN LIFE SCIENCE RESEARCH (20min lecture + Q&A)
12.10-12.45	Dr. Karla Košpić (Biocentar Zagreb) PROTEOMICS HELPDESK: A CRO PERSPECTIVE ON FEASIBILITY, CONSTRAINTS, AND ANALYTICAL STRATEGY SELECTION (20min lecture + Q&A)
12.45-14.00	Lunch break
Afternoon Session Antimicrobial Proteomics Chair: Dr. David Goodlett	
14.00-14.35	Dr. Manges Bhide TARGETED DELIVERY SYSTEM TO TRANSPORT ANTIMICROBIAL PEPTIDES ACROSS BLOOD BRAIN BARRIER (20min lecture + Q&A)
14.35-15.10	Assist Prof Marko Močibob PROTEOMIC PROFILING OF BACILLUS THURINGIENSIS RESPONSES TO NATURAL INHIBITORS TARGETING AMINOACYL-TRNA SYNTHETASES (20min lecture + Q&A)
15.10-15.45	Prof Biljana Balen SURFACE COATING-DEPENDENT PHYTOTOXICITY OF SILVER NANOPARTICLES: ANTIOXIDANT AND PROTEOMIC RESPONSES IN PLANTS AND GREEN ALGAE (20min lecture + Q&A)
15.45-16.15	Coffee Break

Afternoon Session Foodomics Chair: Dr. Biljana Balen	
16.15-16.50	Dr. Ramesh Katam ROOTH PROTEOMICS INSIGHT INTO SALINITY-INDUCED METABOLOMIC SWITCHING IN PISTACHIO ROOTSTOCKS (20min lecture + Q&A)
16.50-17.25	Dr. Josipa Kuleš DON'T CRY OVER SPILLED MILK: TRANSLATING MILK PROTEOMICS INTO RAPID DIAGNOSTIC TOOLS FOR SUSTAINABLE DAIRY PRODUCTION (20min lecture + Q&A)
17.25-18.00	Dr. Danijela Bakarić TEMPERATURE-INDUCED DENATURATION OF BOVINE SERUM ALBUMIN: RECONCILING THE RESPONSES OBTAINED BY DIFFERENT EXPERIMENTAL TECHNIQUES (20min lecture + Q&A)
20.00	Conference Dinner https://20ceepc.com/conference-dinner/

WEDNESDAY JUNE 17	
Morning Session Biomedical Proteomics Chair: Dr. Mario Cindrić	
9.00-10.00	Morning coffee
10.00-11.00	Keynote Lecture Dr. Suresh Jivan Gadher SIMULTANEOUS MONITORING OF GENE AND PROTEIN EXPRESSION IN HIV PATIENTS UNDERGOING ANTIRETROVIRAL THERAPY AND AT INCREASED RISK OF AIDS-DEFINING CANCERS
11.00-11.30	Prof. Lovorka Grgurević PROTEOMICS IN BIOMEDICAL RESEARCH WITH EMPHASIS MUSCULOSKELETAL DISEASES AND TUMOR BIOMARKERS (20min lecture + Q&A)
11.30-12.00	Prof. Jyotsna Batra IDENTIFICATION OF A MICROPEPTIDE LINKED TO CANCER STEM CELL REGULATION AND CHEMORESISTANCE (20min lecture + Q&A)
12.00-12:35	Prof. dr. Zoltan Szabo CHALLENGES OF THE IDENTIFICATION AND QUANTITATION OF PROTEOFORMS PRESENT IN HUMAN TEAR SAMPLES (20min lecture + Q&A)
12.35-12.50	Dr. Mario Cindrić: Best Poster Awards and Concluding remarks
12.50-13.00	21thCEEPC