

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)		
Session: Biopharmaceuticals & Vaccines		
Theme: Food and (Bio)Pharma		
#	Abstract Title	Presenter
115	SEQUENCE VERIFICATION AND SIDE PRODUCT IDENTIFICATION OF SYNTHETIC RNA OLIGONUCLEOTIDES BY LC-ESI-PASEF AND OLIGOQUEST SOFTWARE	Detlev Suckau
132	CHARACTERIZATION OF PROTEIN BASED BIOTHERAPEUTICS WITH NEXT-GENERATION MALDI TOP-DOWN SEQUENCING	Christian Albers
175	AUTOMATED HIGH RESOLUTION MRNA DIGEST MAPPING OF LC-MS AND LC-IM-MS DATA	Johannes PC Vissers
218	FAST AND ROBUST QUANTITATION OF HOST CELL PROTEINS WITH SUB PPM SENSITIVITY USING DIAPASEF AND VIP-HESI	Stuart Pengeley
280	PROFILING HEAVILY GLYCOSYLATED BIO THERAPEUTICS WITH CHARGE REDUCTION NATIVE MASS SPECTROMETRY	Wendy Sandoval
418	DIFFERENTIATION OF ISOBARIC 3 ⁻ /5 ⁻ - OLIGONUCLEOTIDE CLIPPING PRODUCTS BY TRAPPED ION MOBILITY SPECTROMETRY	Christian Albers
463	DEVELOPMENT OF A GLYCOFORM-SPECIFIC PHARMACOKINETIC NANO-LIQUID CHROMATOGRAPHY – MASS SPECTROMETRY METHOD FOR A MONOCLONAL ANTIBODY FROM PLASMA OF RHEUMATOID ARTHRITIS PATIENTS	Annika van der Zon
490	MASS SPECTROMETRIC CHARACTERIZATION STRATEGIES OF GLYCOENGINEERED BACTERIAL VACCINES CARRYING O-ANTIGEN POLYSACCHARIDES	Agnes Hipgrave Ederveen
512	GLYCAN AND PROTEIN ANALYSIS OF GLYCOENGINEERED BACTERIAL E. COLI VACCINES BY MALDI-IN-SOURCE DECAY FT-ICR MASS SPECTROMETRY	Manfred Wuhrer
545	CHARACTERIZATION OF MRNA VACCINE 5' AND 3' END PRODUCTS USING BIOPHARMAFINDER 5.0	Robert Ross
624	THE POTENTIAL OF INTACT CELL MASS SPECTROMETRY AS A MONITORING TOOL FOR FERMENTATION PROCESSES	Cristian Zanetti
724	CHARACTERIZATION OF ANTIBODY-DRUG CONJUGATES (ADC) USING 2-DIMENSION LIQUID CHROMATOGRAPHY (2D-LC) AND NATIVE MASS SPECTROMETRIC TECHNOLOGIES	Christian Klein
726	GREAT PROMISE OF NATIVE SCX-MS FOR MAB AND ADC HETEROGENEITY CHARACTERIZATION	S��verine Clavier
874	LISDM: ENZYME-FREE PROTEIN CLEAVAGE FOR BOTTOM-UP ANALYSIS ON THE NEW BEATBOX PLATFORM	Leander Runtsch
1028	A NON-TARGETED 4D-METABOLOMICS WORKFLOW FOR QUALITY CONTROL OF CHIRAL HEPARIN DISACCHARIDE BY LC-TIMSTOF AND METABOSCAPE��	Beixi Wang
739	SINGLE-USE SYSTEMS;ACCELERATED SOLVENT EXTRACTION;EXTRACTABLE & LEACHABLE	Sven Hackbusch
740	GLYCOSYLATION PROFILING OF CETUXIMAB SUBUNITS WITH CZE-MS	yue ju
758	GC-MS AS AN EFFECTIVE TECHNIQUE FOR NITROSAMINE ANALYSIS IN RANITIDINE MEDICATIONS THROUGH EMPLOYING SPME-HS STRATEGY	Fahad S. Aldawsari
760	UTILIZATION OF SPME FOR DETECTION OF PCA IN PARACETAMOL PRODUCTS	Fahad S. Aldawsari
959	INSTANT REDUCTION OF ALL INTER- AND INTRACHAIN S-S BONDS IN MABS BY ELECTROCHEMISTRY-MS	Jean-Pierre Chervet
1005	ONLINE ELECTROCHEMICAL REDUCTION OF MABS FOR RAPID LC-MS ANALYSIS	Jean-Pierre Chervet
1023	LOW-PG/ML QUANTIFICATION OF COMPLEX DISULFIDE-RICH PEPTIDES IN RAT PLASMA USING MICROFLOW LC-MS/MS	Ferran S��nchez
935	OPEN ACCESS LC-MS ANALYSIS OF INTACT RECOMBINANT PROTEINS AND ANTIBODIES	Adam Hold

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)

Session: Food, Nutrition & Agriculture

Theme: Food and (Bio)Pharma

#	Abstract Title	Presenter
11	METHOD DEVELOPMENT AND VALIDATION FOR ANALYSIS OF ANTIBIOTICS AND VETERINARY DRUGS IN MILK, ANIMAL FEEDS AND ANIMAL TISSUES BY QSIGHT LC-MS/MS	Jingcun Wu
31	ANALYSIS OF 400 PESTICIDES IN TEA VIA LC/MS/MS: SIMPLE SAMPLE PREPARATION AND APCI TO IMPROVE ANALYTE COVERAGE	Alexander Kasperkiewicz
48	HIGH-THROUGHPUT ANALYSIS OF FRESHNESS MARKERS IN VARIOUS FOOD SAMPLES BY SIFT-MS	Arnd Ingendoh
71	LC-MS-BASED DETECTION OF SILKWORM PUPAE IN FEED WITH AND WITHOUT PRIOR IMMUNOAFFINITY ENRICHMENT	Tobias Stobernack
90	ABSOLUTE AND RELATIVE QUANTITATION OF AMYLASE/TRYPsin-INHIBITORS FROM CULTIVATED WHEAT SPECIES MODIFIED BY CRISPR-CAS9 AND RNAI	Sabrina Geisslitz
125	GC-MS BASED METABOLITE PROFILING OF RED SEAWEEDS REVEALS THE SIMILAR BIOCHEMICAL FEATURES IN THE SPECIES BELONGING TO DIFFERENT TAXONS	Claudia Birkemeyer
190	UNTARGETED AND TARGETED PROTEOMIC ANALYSIS OF WHEAT RELATED TO BAKING QUALITY	Christine Kaemper
284	TARGETED LC-MS/MS METHOD FOR THE QUANTIFICATION OF BARLEY-SPECIFIC AMYLASE/TRYPsin-INHIBITORS IN DIFFERENT BEERS AND STAGES OF THE BREWING PROCESS	Sarah Joestl
322	BENCHMARK OF A NEW AUTOMATED SAMPLE PREPARATION PLATFORM FOR PROTEOMICS APPLIED TO BEEROMICS SAMPLES	Amiransoor Hakimi
361	MAPPING OXIDATIVE DEGRADATION IN HIGHLY UNSATURATED LIPID CONCENTRATES BY UHPLC COUPLED TO HIGH RESOLUTION MASS SPECTROMETRY AND TRAPPED ION MOBILITY SPECTROMETRY	Simon Hammann
387	SEARCHING FOR BLOWFISH POISON (TETRODOTOXIN) IN SWEDISH SHELLFISH WITH ULTRA-PERFORMANCE HYDROPHILIC INTERACTION LC-MS/SM	Aida Zuberovic Muratovic
420	A COMPREHENSIVE METHOD TO ELUCIDATE PYOVERDINES PRODUCED BY FLUORESCENT PSEUDOMONAS SSP. BY UHPLC-HR-MS/MS	Karoline Rehm
429	FIA-HRMS FINGERPRINTING SUBJECTED TO CHEMOMETRICS TO ADDRESS FOOD CLASSIFICATION AND AUTHENTICATION ISSUES	Oscar Nuñez
434	HIGH-THROUGHPUT FIA-MS FINGERPRINTING METHODS IN THE CLASSIFICATION AND AUTHENTICATION OF COFFEE AND TEA BEVERAGES.	Oscar Núñez
439	COFFEE AUTHENTICATION BY HS-SPME-GC-MS AND CHEMOMETRICS. APPLICATION TO THE DETECTION AND QUANTIFICATION OF ADULTERATION IN COFFEE SAMPLES	Nerea Núñez
448	MASS SPECTROMETRIC CHARACTERIZATION OF BIOACTIVE COMPOUNDS RECOVERED FROM AGRI-FOOD WASTES	Aina Mir Cerdà
453	IDENTIFICATION AND QUANTIFICATION OF POLYPHENOLS IN WINE LEES EXTRACTS BY LIQUID CHROMATOGRAPHY COUPLED TO MASS SPECTROMETRY	Aina Mir Cerdà
456	CHARACTERIZATION OF DARK CHOCOLATES BASED ON POLYPHENOLIC PROFILING OBTAINED BY LIQUID CHROMATOGRAPHY COUPLED TO MASS SPECTROMETRY	Sonia Sentellas
461	DETERMINATION OF QUATERNARY AMINE POLAR PESTICIDES USING IMPROVED CATION EXCHANGE SEPARATION TECHNOLOGY COMBINED WITH SUPPRESSED CONDUCTIVITY AND TANDEM MASS SPECTROMETRY DETECTION	Wai-Chi Man
502	ULTRA-HIGH SENSITIVITY QUANTIFICATION OF VETERINARY DRUG RESIDUES IN PRODUCTS OF ANIMAL ORIGIN	Jack Steed
504	AUTOMATED IDENTIFICATION OF POTENTIAL PESTICIDES RESIDUES IN FRUIT SAMPLES USING HRMS DATA	Ismael Zamora
507	ANALYSIS OF XENOBIOTICS IN PLANTS WITH MASS SPECTROMETRY IMAGING METHODS	Akhila Ajith
519	DEALING WITH COMPLEXITY IN PEPTIDE ANALYSIS WITH UNTARGETED MASS SPECTROMETRY	Gijs Vreeke
603	COMPOSITIONAL ANALYSIS OF ESSENTIAL OIL AND SOLVENT EXTRACTS OF NORWAY SPRUCE SPROUTS BY ULTRAHIGH-RESOLUTION MASS SPECTROMETRY	Olufunmilayo Omolara Mofikoya
605	LC-MS BASED ANALYSIS OF FATTY ACID AND OXYLIPIN PATTERN IN OMEGA-3-PUFA SUPPLEMENTS	Elisabeth Koch
610	DEVELOPMENT OF AN ANALYTICAL METHOD FOR THE DETERMINATION OF CONTAMINANTS OF EMERGING CONCERN IN TREATED WASTEWATER	Eirini Andreasidou
696	ANALYSIS OF PESTICIDE RESIDUES IN CEREALS BY A NOVEL M-SOLID PHASE EXTRACTION CARTRIDGE	Mette Erecius Poulsen
706	FOODTRACK – STABLE ISOTOPE TOOL FOR DETERMINATION OF AUTHENTICITY AND TRACEABILITY OF FOOD	Cathrine Terro
711	MEASUREMENT OF POST HARVEST QUALITY OF FRUITS USING A PORTABLE MASS SPECTROMETRY DEVICE	Alice Ly
719	AUTHENTICATION OF VALUABLE WINE SAMPLES BY ION-SUPPRESSION PROFILING	Christian Berchtold
730	MASS SPECTROMETRY IMAGING DISCLOSED SPATIAL DISTRIBUTION OF PHYTOCHEMICALS IN RESPONSE TO MYCOTOXIN ACCUMULATION IN PIGMENTED WHEAT	Laura Righetti
985	COFFEE CLASSIFICATION, CHARACTERIZATION AND AUTHENTICATION BASED ON PRODUCTION REGION BY TARGETED AND NON-TARGETED HPLC-HRMS METHODS AND CHEMOMETRICS. APPLICATION TO ADULTERATED COFFEE SAMPLES.	Nerea Núñez Téllez
813	APPLICATION OF COMPUTATIONAL TOOLS IN METABOLOMICS OF STINGLESS BEE HONEY ENDEMIC FROM SOUTH AMERICA	Norberto Lopes
820	METHOD DEVELOPMENT AND VALIDATION FOR ANALYSIS OF ANTIBIOTICS AND VETERINARY DRUGS IN MILK, ANIMAL FEEDS AND ANIMAL TISSUES BY QSIGHT LC-MS/MS	Jingcun Wu
829	CHARACTERIZATION OF SPARKLING WINE BASED ON POLYPHENOLIC PROFILING OBTAINED BY LIQUID CHROMATOGRAPHY COUPLED TO MASS SPECTROMETRY	Sonia Sentellas

837	RED COLORING CAUSED BY TWO COMMONLY USED COMPONENTS IN THE FOOD MARKET – A STRUCTURAL ELUCIDATION AND QUANTIFICATION STUDY	Waldemar Hoffmann
840	CLASSIFICATION AND AUTHENTICATION OF SPANISH BLOSSOM- AND HONEYDEW-HONEYS BY OFF-LINE SPE HPLC-LRMS POLYPHENOLIC PROFILING AND CHEMOMETRIC TECHNIQUES	Oscar Nuñez
892	TRUE MOBILE MASS SPECTROMETRY FOR ON-SITE ANALYSIS	Marco Blokland
982	COMPREHENSIVE PHYTOCHEMICAL SCREENING OF COFFEE SILVERSKIN EXTRACTS BY ULTRAHIGH-RESOLUTION MASS SPECTROMETRY	Janne Jänis
1010	TARGET AND SUSPECT SCREENING OF CONTAMINANTS IN FISH FEEDS BY GAS AND LIQUID CHROMATOGRAPHY COUPLED TO ION MOBILITY-HIGH RESOLUTION MASS SPECTROMETRY USING ATMOSPHERIC PRESSURE IONIZATION	Juan Sancho Llopis
914	FOOD PROFILING: IDENTIFICATION OF TRUFFLE SPECIES USING LC-ESI-IM-QTOF-MS BASED LIPIDOMICS FINGERPRINTING	Marina Creydt
944	MS: THE INDISPENSIBLE DRIVER IN INDUSTRIAL FOOD AND BIOTECH RESEARCH	Maurien Olsthoorn

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Alternative dissociation methods****Theme: Instrumentation and methods**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
525	TIME-RESOLVED PHOTODISSOCIATION OF SIZE- AND CHARGE-STATE SELECTED POLYANIONIC TIN CLUSTERS	Alexander Jankowski
532	REVEALING C-TERMINAL PEPTIDE AMIDATION BY THE USE OF THE SURVIVAL YIELD TECHNIQUE	Christine Enjalbal
608	MULTIMODAL GENERATION AND FRAGMENTATION OF PROTONATED AND RADICAL CATION PRECURSORS IONS UTILIZING DOPANT-ASSISTED MICRO-LIQUID CHROMATOGRAPHY ATMOSPHERIC PRESSURE PHOTOIONIZATION	Patrick Mueller
818	STRUCTURAL INTERROGATION OF MYRIAD CHEMICAL SPECIES USING CYCLIC ION MOBILITY COUPLED WITH AN EXTENDED RANGE OF DISSOCIATION CAPABILITIES	Dale Cooper-Shepherd
835	ULTRAVIOLET PHOTODISSOCIATION (UVPD) FOR NATURAL PRODUCT STRUCTURE CHARACTERIZATION USING ORBITRAP IQ-X TRIBRID MASS SPECTROMETER	Kate Comstock
941	DIFFERENTIATING SUGAR PHOSPHATE ISOMERS USING HIGH RESOLUTION MASS SPECTROMETRY COUPLED WITH MSN, COLLISION INDUCED DISSOCIATION, AND ULTRAVIOLET PHOTODISSOCIATION	Brandon Bills

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Ambient technologies (and their applications)****Theme: Instrumentation and methods**

#	Abstract Title	Presenter
777	REACTIVE-DESI TO RETRIEVE ANTICOUNTERFEITING TAGGANTS FROM POLYMERIC GEL SURFACES	Isaure Carvin-Sergent
882	LC-MS/MS-IMS METHOD FOR THE IDENTIFICATION OF UNKNOWN METABOLITES	Yuandi Zhao
139	BENEFITS OF A TRUE DUAL SOURCE IN DRINKING WATER ANALYSIS UTILIZING A QSIGHT® TRIPLE QUAD	Derek Mattern
308	A MINIATURISED METHOD FOR CONTACTLESS, HIGH-THROUGHPUT AND QUANTITATIVE ANALYSIS OF FREE AMINO ACIDS	Martin Bachman
344	CONDENSED-PHASE ELECTRICAL DISCHARGE FOR ON-SLIDE DIGESTION OF PROTEINS AND PEPTIDES	Dan McGill
570	INLINE CARTRIDGE EXTRACTION MASS SPECTROMETRY: A SIMPLE AND RELIABLE TOOL FOR MOLECULAR PROFILING	Denis Bormotov
584	QUANTITATIVE METABOLOMICS WORKFLOWS ENABLED BY ISOTOPICALLY ENRICHED BIOMASS	Veronika Fitz
627	HIGH-THROUGHPUT LASER-ASSISTED RAPID EVAPORATIVE IONISATION MASS SPECTROMETRY (LA-REIMS) MICROBIAL IDENTIFICATION PLATFORM FOR PHARMACEUTICAL MICROBIOLOGY	Toma Ramonaite
721	OPTIMIZATION OF NEGATIVE ION PAPER SPRAY MASS SPECTROMETRY FOR THE ANALYSIS OF THE ENVIRONMENTAL EXPOSURE CHEMICALS	Sangwon Cha

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)		
Session: Instrumentation development: Mass Analyzers		
Theme: Instrumentation and methods		
#	Abstract Title	Presenter
138	VARISTAR® – THE NEXT GENERATION BENCHTOP MASS SPECTROMETER FOR VARIABLE GAS INLET PRESSURES	Florian Heck
327	IN SITU CHEMICAL EXPLORATION OF THE SKIN BARRIER EMPLOYING RECENT ADVANCEMENTS IN CRYOGENIC GAS-CLUSTER SIMS WITH HIGH MASS RESOLUTION	Alexander Pirkl
331	APPLYING TRAPPED ION MOBILITY SPECTROMETRY (TIMS) FOR VITAMIN D EPIMER DIFFERENTIATION	Viola Jeck
446	ION PRE-ACCUMULATION FOR HIGH SPEED ORBITRAP EXPLORIS OPERATION	Hamish Stewart
467	IN SILICO DEVELOPMENT OF NEW STYLES OF 2DMS IN A WIDER SELECTION OF INSTRUMENTATION	Callan Littlejohn
533	A DIGITAL ION FILTER AND TRAP FOR THE MS SPIDOC PROTOTYPE	Florian Simke
586	REAL-TIME MONITORING OF DYNAMIC ISOMER POPULATIONS WITH CI-SLIM IMS-MS	Luca Cappellin
846	SIMPLIFYING CANNABIS & HEMP MASS SPECTROMETRY WORKFLOWS WITH LABORATORY AUTOMATION TO MEET ISO/GMP STANDARDS AND REDUCE EXPERIMENTAL ERROR	Toby Astill
907	ENHANCED PERFORMANCE OF A TRIPLE STAGE QUADRUPOLE MASS SPECTROMETER WITH A NOVEL AXIAL FIELD COLLISION CELL AND FAST SWITCHING HIGH VOLTAGE POWER SUPPLIES	Harald Oser
862	DETERMINATION OF 1,4-DIOXAN IN COSMETICS PRODUCT, SHAMPOO AND TOOTHPASTE BY GAS CHROMATOGRAPHY MASS SPECTROMETRY (GC-MS)	Abdullah Bawazir
869	VALIDATION AND QUANTIFICATION OF RHODAMINE B IN COSMETICS CONSUMER PRODUCTS	Abdullah Bawazir
873	A REAL-TIME GAS MONITORING SYSTEM BASED ON ION MOBILITY SPECTROMETRY FOR WORKPLACE ENVIRONMENTAL MEASUREMENTS	Kazunari Takaya
953	HYPHENATION OF ION MOBILITY MASS SPECTROMETRY AND ACTION SPECTROSCOPY TO PROBE STRUCTURE AND KINETICS OF PEPTIDE AGGREGATION	Sjors Bakels
1008	COMPACT, HIGH-RESOLUTION TIME OF FLIGHT MASS SPECTROMETER BASED ON AN ELECTROSTATIC ANALYSER.	Steven Daly
778	ACTIVE & ITERATIVE DATA-DEPENDENT REINJECTION LOGIC FOR MAINTAINING THROUGHPUT, UPTIME, AND CONSISTENCY IN TRIPLE QUADRUPOLE LC/MS ANALYSIS	Patrick Batoon
779	AN END-TO-END SOFTWARE ALGORITHM FOR LC/MS/MS METHOD DEVELOPMENT, OPTIMIZATION, AND QA/QC DEPLOYMENT	Patrick Batoon
780	HIGH FIDELITY LEGACY-TO-MODERN METHOD TRANSFER ON A NOVEL TRIPLE QUADRUPOLE LC/MS PLATFORM FOR LARGE OUTPUT PRODUCTION LABS	Patrick Batoon
781	ACCELERATED LIFETIME TESTING WITH REAL-TIME EARLY MAINTENANCE FEEDBACK (EMF) DIAGNOSTIC MONITORING ON A NOVEL LC/MS/MS PLATFORM	Patrick Batoon
790	A NON-DESTRUCTIVE DETECTOR FOR MEGADALTON MOLECULES WITH LOW CHARGE	Adrien Poindron
836	KAPPA/LAMBDA LIGHT-CHAIN TYPING IN ALZHEIMER'S DISEASE	Zelal Kaya

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Nico Nibbering session on ion chemistry****Theme: Instrumentation and methods**

#	Abstract Title	Presenter
76	STUDY OF POLLEN PHENOLAMIDES BY TANDEM MASS SPECTROMETRY	Irène Semay
122	SUPERELECTROPHILIC ANIONS: UNCONVENTIONAL BINDING PROPERTIES OF [B12X11]- FRAGMENT IONS	Markus Rohdenburg
184	DEPOSITION AND STABILIZATION OF UNDER-COORDINATED METAL COMPLEXES VIA ION SOFT- LANDING	Robert Schiewe
206	SOFT-LANDING HOST-GUEST COMPLEXES OF CYCLODEXTRINS AND POLYOXOVANADATES AS SINGLE-MOLECULE MEMORY UNITS ON SURFACES	Fangshun Yang
263	REPLACING HELIUM CARRIER GAS IN SIFT-MS BY NITROGEN: CHANGES IN ION MOLECULE REACTIONS OF H ₃ O ⁺ , NO ⁺ AND O ₂ ⁺ WITH A RANGE OF VOLATILE ANALYTES	Patrik Španěl
264	SENSITIVITY OF SESI-MS TO A RANGE OF VOLATILE ORGANIC COMPOUNDS	Kseniya Dryahina
329	DESIGN AND PERFORMANCE OF A SOFT-LANDING INSTRUMENT FOR FRAGMENT ION DEPOSITION	Harald Knorke
468	UNEXPECTED STEPWISE AMMONIA LOSS FROM PROTONATED 3-HYDROXY 4-METHYLANILINE EVIDENCED BY HYDROGEN/DEUTERIUM BACK EXCHANGES IN A LINEAR ION TRAP	Jean-Claude Tabet
488	INVESTIGATIONS OF PROTON/DEUTERON BACK EXCHANGE RATE CONSTANT IN A LINEAR ION TRAP: DEUTERATED POLYETHYLENEGLYCOLS	Ekaterina Darii
515	STEREOSPECIFIC RECOGNITION OF AMINO ACIDS IN QUATERNARY COPPERED COMPLEXES VIA ENANTIOSELECTIVE REDUCTION	Clément Chalet

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Separation & hyphenation; chromatography, electrophoresis****Theme: Instrumentation and methods**

#	Abstract Title	Presenter
41	MOLECULAR MARKERS PROFILES IN BLACK SEA MARINE SEDIMENTS OBTAINED BY GC/MS SYSTEM	Zaharie Moldovan
161	LC-MS PROFILING OF STRONGLY COELUTING COMPLEX PHLOROTANNIN PATTERNS IN BROWN ALGAE	Claudia Birkemeyer
165	HIGHER ORDER STRUCTURE OF HUMAN TELOMERIC G-QUADRUPLEXES AND PHOSPHOROTHIOATED ANALOGUES INVESTIGATED BY CAPILLARY ELECTROPHORESIS, ION MOBILITY MASS SPECTROMETRY, BREAKDOWN CURVE EXPERIMENTS AND COLLISION INDUCED UNFOLDING	Johann Far
181	A LOW-CODE PYTHON WEB APPLICATION FOR RETENTION TIME ALIGNMENT ACROSS LC SYSTEMS	Ian Reah
255	OPTIMIZING POSTTRANSLATIONAL MODIFICATIONS CHARACTERIZATION BY LC-TIMS-MS	Jean-Francois Greisch
288	LOW-FLOW SIZE-EXCLUSION CHROMATOGRAPHY FOR ENHANCED NATIVE MS OF PROTEINS AND PROTEIN COMPLEXES	A. Gargano
302	A ROBUST HIGH-THROUGHPUT GC/TRIPLE QUADRUPOLE MS ANALYSIS OF 238 PESTICIDES IN UNDER 10 MINUTES	Anastasia Andrianova
348	NOVEL STRATEGY TO SCREEN MULTI-CLASSES OF HALOGENATED POLLUTANTS BY GAS CHROMATOGRAPHY-ATMOSPHERIC PRESSURE CHEMICAL IONIZATION-TRAPPED ION MOBILITY-MASS SPECTROMETRY (GC-APCI-TIMS-TOFMS)	Gauthier Eppe
349	DERIVATIZATION-TARGETED ANALYSIS OF AMINO COMPOUNDS WITH DIETHYL ETHOXYMETHYLENEMALONATE DERIVATIZATION AND NEUTRAL LOSS SCAN MODE BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY	Larissa Silva Maciel
383	DEVELOPMENT OF A METHOD FOR DETERMINATION OF EGG AND MILK ALLERGENS IN BAKERY PRODUCTS BY LC-MS/MS	Ignazio Garaguso
411	DEVELOPMENT OF UHPLC AND UHPSFC-MS ASSAYS TO DETERMINE THE CONCENTRATION OF BITREX™ AND SODIUM SACCHARIN IN HOMEMADE FACEMASK FIT TESTING SOLUTIONS	Julie Herniman
438	UNRAVELING AND CONTROLLING AGGREGATE FORMATION IN CAENORHABDITIS ELEGANS PARKINSON'S DISEASE MODELS USING LOW FLOW SIZE EXCLUSION CHROMATOGRAPHY COMBINED WITH ION MOBILITY MASS SPECTROMETRY	Raya Sadighi
455	DIFFERENTIAL MOBILITY SPECTROMETRY COUPLED TO MASS SPECTROMETRY (DMS-MS) FOR THE CLASSIFICATION OF SPANISH PDO PAPRIKA	Sonia Sentellas
530	THE ANALYSIS OF PESTICIDE PRODUCTS USING ULTRA-HIGH-PERFORMANCE SUPERCRITICAL FLUID CHROMATOGRAPHY-MASS SPECTROMETRY	Rebecca Baker
611	NUMERICAL AND EXPERIMENTAL INVESTIGATIONS OF PROTON-BOUND ACETONE/WATER CLUSTERS IN DIFFERENTIAL ION MOBILITY SPECTROMETRY	Duygu Erdogan
614	ISOMERIC O-GLYCOPEPTIDES CHARACTERIZATION USING μ LC, DIFFERENTIAL MOBILITY SPECTROMETRY, COLLISION INDUCED AND ELECTRON CAPTURE DISSOCIATION	Charlotte Jacquet
639	GAS-PHASE ELECTROPHORESIS AND MASS SPECTROMETRY OF LIPOSOMES - TWO TECHNIQUES THAT PERFECTLY MATCH FOR VESICLE CHARACTERIZATION	Victor Weiss
646	AN INTERPLATFORM IM-MS STUDY OF STEROID COLLISION CROSS SECTIONS (CCSS) ACROSS THREE DIFFERENT IM-MS TECHNOLOGIES	Tim Causon
653	COMBINING ULTRAHIGH RESOLUTION MASS SPECTROMETRY AND ELECTRONIC STRUCTURE CALCULATIONS WITH CHROMATOGRAPHY FOR STUDYING STRUCTURAL MOTIFS IN HIGHLY COMPLEX SAMPLES	Wolfgang Schrader
654	ONE-POT DOUBLE DERIVATISATION TO IMPROVE THE LC-MS/MS SEPARATION AND SENSITIVITY OF VITAMIN D METABOLITES	Pascal Schorr
667	ANALYSIS OF DIASTEREOMERIC PYRROLIZIDINE ALKALOIDS IN TEA SAMPLES BY LIQUID CHROMATOGRAPHY AND SUPERCRITICAL FLUID CHROMATOGRAPHY VACUUM DIFFERENTIAL MOBILITY SPECTROMETRY - MASS SPECTROMETRY	Maria Fernanda Cifuentes Girard
710	EXPLORATORY INORGANIC SPECIATION OF PINE WOOD FAST PYROLYSIS BIO-OIL BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY HYPHENATED TO INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (HPLC - ICPMS)	Wladimir Ruiz
843	COUMARIN-BASED DERIVATIZATION REAGENT FOR THE LC-MS ANALYSIS OF AMINO ACIDS	Ngan Bui
915	COMPATIBILIZING HIGH SALT CONCENTRATIONS FOR OPTIMAL CHROMATOGRAPHY WITH ELECTROSPRAY IONIZATION MASS SPECTROMETRY USING AN ION EXCHANGE MEMBRANE SUPPRESSOR	Sam Wouters
1024	QUANTITATIVE DETERMINATION OF OCHRATOXIN A AND OCHRATOXIN ALPHA IN DRIED BLOOD SPOTS OF CHICKEN USING LC-MS/MS	Barbara Streit
863	DETERMINATION OF SUSPECTED ALLERGENS IN BABY WET WIPES	Abdullah Bawazir
868	MONITORING REACTION INTERMEDIATES TO PREDICT ENANTIOSELECTIVITY USING MASS-SPECTROMETRY	Roelant Hilgers
934	CYCLIC ION MOBILITY SPECTROMETRY FOR THE STRUCTURAL CHARACTERIZATION OF OLIGOSACCHARIDES	Bram Put
1016	HIGH ASPECT RATIO PILLAR ARRAY COLUMNS FOR DEEP PROTEOME PROFILING AT MODERATE LC PUMP PRESSURES	Jeff Op de Beeck
864	A PROTOCOL TO MONITOR PERFORMANCE OF HIGH-FLOW LC-HRMS SYSTEMS	Nicole Zehethofer
872	USE OF THE DESIRABILITY FUNCTION TO OPTIMIZE THE SEPARATION OF OLIGONUCLEOTIDE IMPURITY POSITIONAL ISOMERS BY ION PAIR-RP LCMS AND MS/MS	Stilianos Roussis
998	ADVANCING NANOLC-MS SENSITIVITY TOWARDS FOR SINGLE CELL PROTEOMICS USING SOLID SILICON MICRO-PILLAR ARRAY COLUMN TECHNOLOGY	Jeff Op de Beeck
1032	ASYMMETRICAL FLOW FIELD-FLOW FRACTIONATION ON-LINE COUPLED TO NATIVE MASS SPECTROMETRY FOR DETAILED CHARACTERISATION OF BIOPHARMACEUTICALS	Alina Astefanei
987	LC/MS STUDY OF DICLOFENAC DECARBOXYLATION AND ARTIFACTS FORMATION AT THE HOT GAS CHROMATOGRAPH INJECTION PORT	Elena Stashenko

751	DEVELOPMENT OF A ROBUST UPLC-MS/MS METHOD FOR THE ANALYSIS OF POLYAMINES IN BIOFLUIDS FROM NEURODEGENERATIVE DISEASES	Michele Iannone
766	CHEMICAL SPECIATION OF CHROMIUM IN WATER SAMPLES: METHOD DEVELOPMENT AND VALIDATION	Jelle Verdonck
819	EXPLOITING SELF-ASSOCIATION FOR THE EVALUATION OF ENANTIOMER COMPOSITION BY CYCLIC ION MOBILITY-MASS SPECTROMETRY	Dale Cooper-Shepherd
822	LOWERING THE DETECTION LIMITS BY IMPLEMENTING HADAMARD TRANSFORM MULTIPLEXING WITH HIGH KINETIC ENERGY ION MOBILITY SPECTROMETRY	Cameron Naylor

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Cellular signaling processes and MS in Systems biology****Theme: Life Sciences & Health**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
151	REVEALING A UNIQUE INHIBITION MECHANISM OF THE POTENTIAL DRUG TARGET CHOLINE ACETYLTRANSFERASE USING MASS SPECTROMETRY TOOLS	Tomas Bergström
260	PHOSPHONATE HANDLES FACILITATE SITE-SPECIFIC ACTIVITY-BASED PROTEIN PROFILING	Wouter van Bergen
642	MORE THAN MEETS THE EYE: EXTRACELLULAR VESICLE CHARACTERIZATION VIA NANO ES DIFFERENTIAL MOBILITY ANALYSIS, NANOPARTICLE TRACKING ANALYSIS AND MS/MS REVEALS CO-ISOLATED PROTEINS	Stephanie Steinberger
814	CONNECTING (PHOSPHO)PROTEOMICS AND DRUG PHENOTYPES UNCOVERS THE MODES OF ACTION OF KINASE INHIBITORS IN SARCOMA CELLS	Chien-Yun Lee
881	IDENTIFYING NOVEL TRANSCRIPTIONAL REGULATORS USING AFFINITY PURIFICATIONS COUPLED TO QUANTITATIVE MASS SPECTROMETRY	Cathrin Graewe
986	SIMULTANEOUS QUANTIFICATION OF THE NAD METABOLOME USING A TARGETED UHPLC-MS/MS METHOD	Esther Kristianto

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Cross-omics, data integration and bioinformatics for MS****Theme: Life Sciences & Health**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
937	TEMPLATE-BASED ASSEMBLY OF PROTEOMIC SHORT READS FOR DE NOVO ANTIBODY SEQUENCING AND REPERTOIRE PROFILING	Joost Snijder
933	DATA-INDEPENDENT ACQUISITION PROTEOMICS COMBINED WITH TARGETED LIPIDOMICS REVEALS UNIQUE MOLECULAR SIGNATURES OF THE LUNG IN INSULIN-DEFICIENT DIABETES MELLITUS	Bachuki Shashikadze
1007	IMPROVED DIA-PASEF BASED QUANTITATIVE PROTEOMICS USING SPECTRONAUT	Sira Echevarria-Zomeno
9	PROTEOMIC, METABOLOMIC, AND LIPIDOMIC ANALYSES OF LUNG TISSUE EXPOSED TO MUSTARD GAS	Elizabeth Dhummakupt
235	MZMINE 3 - A TOOL FROM AND FOR THE MASS SPECTROMETRY COMMUNITY	Tomáš Pluskal
242	AN AI-DRIVEN LEAP FORWARD IN PEPTIDE IDENTIFICATION THROUGH DECONVOLUTION OF CHIMERIC SPECTRA	Bernard Delanghe
301	BOOSTED CONVOLUTIONAL NEURAL NETWORKS FOR SUB-TISSUE CLASSIFICATION OF GLIOBLASTOMA TISSUES IN MASS SPECTROMETRY IMAGING	Shad Mohammed
347	ION MOBILITY SPECTROMETRY IN MZMINE 3	Uwe Karst
402	TOPICAL APPLICATION AND INTRATUMORAL INJECTION OF HOST-DEFENCE CAERIN 1.1 AND 1.9 PEPTIDES INDUCE HIGH-LEVEL IMMUNE RESPONSE IN THE TUMOUR MICROENVIRONMENT OF TC-1 TUMOUR BEARING MICE	Tianfang Wang
513	QUALITY ASSESSMENT TOOLS FOR LC-MS/MS TOP-DOWN PROTEOMICS	David Tabb
626	EVALUATION OF PROTEOME ACCESSIBILITY AFTER SIMULTANEOUS PROTEO-METABOLOME LIQUID-LIQUID EXTRACTION (SPE-LLE)	Anna-Sophia Egger
644	ANALYTICS FOR MET-ID OF METABOLIC MIXTURES OF NEW PSYCHOACTIVE SUBSTANCES TOWARDS BIOMARKER IDENTIFICATION FOR USE IN ENVIRONMENTAL SETTINGS	Kristina Still

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: EXTRA Proteomics: protein -protein interaction****Theme: Life Sciences & Health**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
291	DEVELOPMENT OF A NEW GENERATION OF ANTIVENOMIC APPROACH BY MASS SPECTROMETRY	Loïc Quinton
656	APPLICATION OF CHROMATOGRAPHIC-SPECTROMETRIC TECHNIQUES FOR THE IN VITRO EVALUATION OF POTENTIAL DRUG-DRUG INTERACTIONS IN NEWLY DEVELOPED SARMS	Carlotta Stacchini
812	EX VIVO CHARACTERIZATION OF THE IRF4 INTERACTOME ELUCIDATES MOLECULAR MECHANISMS OF IRF4-STEERED EFFECTOR FUNCTIONS IN TH17 AND TREG CELLS	Anna Gabele
978	AUTOMATED PIPELINE FOR RELIABLE AND HIGH THROUGHPUT ANALYSES OF LOW INPUT PROXIMITY-LABELLING SAMPLES	Therese Dau

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)

Session: Glycomics & Glycoproteomics

Theme: Life Sciences & Health

#	Abstract Title	Presenter
887	IDENTIFICATION OF HUMAN MILK OLIGOSACCHARIDES BY IMS2 COUPLED CRYOGENIC IR SPECTROSCOPY	Ali Abikhodr
761	SARS-COV-2;SIALIC ACID;CATCH-AND-RELEASE	Linh Nguyen
912	ION MOBILITY-MASS SPECTROMETRY BASED GLYCOSAMINOGLYCAN DISACCHARIDE ANALYSIS	Kevin Pagel
1026	UNRAVELLING THE FUCOSE MIGRATION PRODUCT IN BLOOD GROUP EPITOPES LEWIS X AND BLOOD GROUP H TYPE 2	Maïke Lettow
861	MASS SPECTROMETRY IMAGING SPATIALLY IDENTIFIES COMPLEX-TYPE N-GLYCANS AS PUTATIVE CARTILAGE DEGRADATION MARKERS IN HUMAN KNEE OSTEOARTHRITIS TISSUE	Yea Rin Olivia Lee
960	NOVEL FRAGMENTATION TECHNOLOGY FURTHER ENABLES IN-DEPTH GLYCOPEPTIDE CHARACTERIZATION IN GLYCOPROTEINS	Katherine Tran
286	STRUCTURAL ANALYSIS OF IMMUNOGLOBULIN G EPITOPE BY MS-IR	Alicia Infantino
30	TUMOR ASSOCIATED CARBOHYDRATE ANTIGENS (TACAS) AS PROMISING TARGETS FOR THE DEVELOPMENT OF IMMUNOTHERAPY FOR COLORECTAL CANCER	Katarina Madunic
35	SOFTWARE TOOLS FOR SITE-SPECIFIC N/O-GLYCOSYLATION AND GLYCOPEPTIDE ABUNDANCE DISTRIBUTION ANALYSES OF HUMAN GLYCOPROTEINS	Concepcion Remoroza
73	HIGH DIVERSITY OF GLYCOSPHINGOLIPID GLYCANS OF COLORECTAL CANCER CELL LINES REFLECTS THE CELLULAR DIFFERENTIATION PHENOTYPE	Di Wang
91	STRUCTURE-ACTIVITY RELATIONSHIPS OF HEPARAN SULFATE OLIGOSACCHARIDES STUDIED IN AN IN-VITRO CELL MODEL AND BY MASS SPECTROMETRY	Charlotte Rambaud
208	IN-DEPTH DISSECTION OF N-, O- AND GLYCOSPHINGOLIPID GLYCOSYLATION IN PANCREATIC ADENOCARCINOMA CELLS UPON TGF-B CHALLENGE USING PGC LC-MS/MS	Tao Zhang
243	O-METHYLATED N-GLYCANS DISTINGUISH MOSSES FROM VASCULAR PLANTS	David Stenitzer
245	IMMUNOGLOBULIN G1 FC GLYCOSYLATION AS AN EARLY HALLMARK OF SEVERE COVID-19	Tamas Pongracz
278	GLYCOSAMINOGLYCAN ALTERATIONS IN PROSTATE CANCER AND BENIGN PROSTATE HYPERPLASIA FFPE TISSUE SAMPLES	Lilla Turiák
317	COMPREHENSIVE SITE-SPECIFIC N-GLYCAN ANALYSIS OF ACE2 AND SARS-COV-2 PROTEINS	Clemens Grünwald-Gruber
355	INTEGRATED N- AND O-GLYCOMICS OF ACUTE MYELOID LEUKEMIA CELL LINES.	Constantin Blöchl
372	DETECTION OF THE RARE GALACTOFURANOSE ISOMER IN LICHEN POLYSACCHARIDES USING MS-IR SPECTROSCOPY	Oznur Yeni
385	GLYCOPROTEOMIC ANALYSIS OF ISOBARIC LABELED PLASMA PSA BY RP-LC-MS	Wei Wang
412	IGG N-GLYCANS WORKFLOW IN TYPE 2 DIABETES COHORTS WITH ULTRAHIGH RESOLUTION MS AND UPLC.	Elham Memarian
419	HIGH RESOLUTION MASS SPECTROMETRY ANALYSIS OF HUMAN BRAIN HEMANGIOMA GANGLIOSIDOME	Ica Raluca
459	COMBINING SIZE-EXCLUSION CHROMATOGRAPHY AND ION MOBILITY MASS SPECTROMETRY FOR THE IDENTIFICATION OF CHONDROITIN/DERMATAN SULFATE OCTAMERS IN DECORIN	Alina D. Zamfir
462	O-GLYCAN PROFILING USING HPAE-PAD HYPHENATED WITH A HIGH-RESOLUTION ACCURATE MASS (HRAM) MASS SPECTROMETER	Wai-Chi Man
489	PROBING THE STRUCTURE OF GLYCOSYL CATIONS USING CRYOGENIC INFRARED SPECTROSCOPY	Chun-Wei Chang
562	MALDI GLYCAN IMAGING REVEALS SPECIFIC N-GLYCAN MODIFICATIONS IN CHOLANGIOCARCINOMA COMPARED TO HEPATOCELLULAR CARCINOMA IN SERUM AND TISSUE	Shaaron Ochoa Rios
649	GLYCOPROTEOMIC CHARACTERIZATION OF SACCHAROMYCES CEREVISIAE YEAST CELL WALL MANNOPROTEINS GROWN IN FED-BATCH CULTURE	Marie Yammine
651	LC-MS/MS BASED ANALYSIS OF N-GLYCANS REVEALS SPECIFIC GLYCAN PATTERNS FOR NEWLY DEFINED PROTEOMIC CANCER SUBTYPES	Hannah Voß
665	DIFFERENTIAL QUANTITATIVE O-GLYCOMICS OF SACCHAROMYCES CEREVISIAE YEAST CELL WALL MANNOPROTEINS IN DISTINCT CULTURE CONDITIONS	Marie Yammine

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)

Session: Imaging MS - applications in Life Science & Health

Theme: Life Sciences & Health

#	Abstract Title	Presenter
89	INVESTIGATION OF FUNCTIONAL CONSEQUENCES OF EPILEPSY-CAUSING MUTATIONS IN A MOUSE MODEL OF FOCAL CORTICAL DYSPLASIA	Isabeau Vermeulen
106	COMPUTATIONAL ANALYSIS OF ALZHEIMER AMYLOID PLAQUE COMPOSITION IN 2D- AND ELASTICALLY RECONSTRUCTED 3D-MALDI MS IMAGES	Thomas Enzlein
116	MAPPING GLUCOSYLSPHINGOSINE ACCUMULATION IN A PARKINSON'S DISEASE MOUSE MODEL CARRYING A GBA-1 MUTATION	Shane Ellis
146	COMBINATION OF MALDI-MSI AND LC-MS TO GAIN A DEEPER UNDERSTANDING OF THE ROLE OF NEW TARGETS IN GLIOBLASTOMA PROGRESSION ON A LIPIDOME AND METABOLOME LEVEL	Naomi Vos
193	DISCOVERY OF SPATIAL PEPTIDE SIGNATURES TO PREDICT TREATMENT RESPONSE OF PATIENT-DERIVED XENOGRFT MODELS OF HEAD AND NECK SQUAMOUS CELL CARCINOMA	Benjamin-Florian Hempel
213	VISUALIZATION OF THE DIFFERENTIAL CARDIOLIPIN PROFILES IN MURINE RETINA CELL LAYERS USING HIGHLY RESOLVED MALDI-MS IMAGING	Sebastian Bessler
215	UNAMBIGUOUS VISUALIZATION OF GLYCOSE IN RENAL TISSUE BY USE OF MALDI-2-MS/MS IMAGING	Jens Soltwisch
226	VISUALIZING TYROSINE PATHWAY ALTERATIONS IN A CELL LINE DERIVED XENOGRFT MODEL	Tobias Bausbacher
238	INVESTIGATING APOE-GENOTYPE AND AGE-DEPENDENT PLAQUE-ASSOCIATED LIPID CHANGES IN AN ALZHEIMER DISEASE MOUSE MODEL USING MATRIX ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY IMAGING	christel Kuik
249	LASER POST-IONIZATION AS A TOOL IN MASS SPECTROMETRY IMAGING OF PLANT-BACTERIA SYMBIOSIS	Benjamin Bartels
254	NEONATAL BRAIN METABOLOME AFTER HYPOXIC-ISCHEMIC INSULT: A MASS SPECTROMETRY IMAGING STUDY IN NEWBORN RATS	Hynek Mácha
294	SPATIAL OMICS TO IDENTIFY MOLECULAR REGULATORS OF SULFATIDE ABUNDANCE IN INTRAHEPATIC CHOLANGIOCARCINOMA	Kasper Krestensen
298	DETERMINATION OF TISSUE ENDOGENOUS PROTEIN-LIGAND BINDING AFFINITIES AND PROTEIN CONCENTRATIONS USING LIQUID EXTRACTION SURFACE ANALYSIS MASS SPECTROMETRY	Bin Yan
310	CHRONOLOGICAL MAPPING OF MEDICATION IN HORSE HAIR BY MALDI-MSI	Bryn Flinders
311	MULTIMODAL CHARACTERIZATION OF VASCULAR AMYLOID DEMENTIA IN POSTMORTEM HUMAN BRAIN TISSUE	Wojciech Michno
334	A DISTINCT PEPTIDE SIGNATURE FOR REMODELING AFTER MYOCARDIAL INFARCTION IN A MOUSE HEART	Charles Henri Van Assche
360	COMPLEMENTARY BIOIMAGING FOR THE DETERMINATION OF METALLOPHARMACEUTICALS AND LIPIDS IN LIVER TISSUE	Katharina Kronenberg
366	DISCRIMINATION OF MAMMARY TUMORS IN MICE WITH SPIDERMASS TOPOGRAPHICAL MASS SPECTROMETRY IMAGING	Nina Ogrinc
404	CHANGES IN LIPID METABOLISM AS EARLY INDICATOR FOR DIABETES INDUCED RENAL PATHOLOGY	Rosalie Rietjens
409	MALDI-MSI OF A THREE-DIMENSIONAL CELL CULTURE MICROARRAY '3MA'	Ieva Palubeckaitė
422	CORRELATED LIPIDOMICS MASS SPECTROMETRY IMAGING AND SPATIALLY RESOLVED PROTEIN/TRANSCRIPTOME MAPPING TO UNDERSTAND THE PROGRESSION OF INFECTIOUS DISEASES	Jianhua Cao
449	LIPID ANALYSIS OF FRACTURE HEMATOMA WITH MALDI-MSI	Sylvia Nauta
503	A DEEP LEARNING APPROACH TO INCORPORATE MICROSCOPY AND MALDI IMAGING ENHANCES CLASSIFICATION OF SKIN LESIONS	Wanqiu Zhang
572	LEVERAGING IMAGING MS OF MULTIPLEXED N-GLYCAN MARKERS IN BIOFLUIDS TO CLASSIFY CIRRHOTIC PATIENT SAMPLES	Alice Ly
592	MASS DEFECT FILTERING FOR IMPROVED VISUALIZATION OF PEPTIDE FEATURES IMAGED BY AP-MALDI MASS SPECTROMETRY HISTOCHEMISTRY (MSHC)	Nivedita Bhattacharya
645	CHARACTERIZATION OF CUTANEOUS SQUAMOUS CELL CARCINOMAS BY MEANS OF MULTIVARIATE STATISTICS AND MALDI IMAGING	Lauritz Brorsen
680	INCREASED IMAGE CLARITY AND SPECIFICITY USING DUAL MSI SOURCES AND MULTI-REFLECTING TIME OF FLIGHT ANALYSING LIPID METABOLITES IN MOUSE TESTIS	Emmanuelle Claude
899	MAPPING STEROLS IN A MARINE FLATWORM-ALGAE-SYSTEM USING MALDI-2 TIMS MS-IMAGING	Arne Behrens
900	HOST - MICROBE INTERACTION: SPATIALOMX AS KEY TECHNOLOGY TO GAIN INSIGHT INTO BACTERIA LOCALIZATION AND FUNCTION IN MUSSEL GILLS	Arne Behrens
1002	TOPICAL DELIVERY OF ANTIFUNGAL DRUGS WITH NANO-VESICULAR FORMULATIONS CHARACTERIZED BY DESI-MSI	Ravit Yakobi
744	MAPPING GLUCOSE UPTAKE AND METABOLISM IN THE NORMAL BOVINE LENS	Ali Zahraei
749	A SENSITIVE METHOD FOR NEUTRAL GLYCOSPHINGOLIPIDS DISTRIBUTION IN GLUCOSYLCEREBROSIDASE-1 KNOCKED OUT MOUSE MODEL USING MASS SPECTROMETRY IMAGING	Farid Jahouh
750	DEVELOPMENT OF A TISSUE STAINING METHOD COMPATIBLE WITH AND IMPROVING LASER CAPTURE MICRODISSECTION, EXTRACTION AND LC-MS/MS ANALYSIS OF DRUGS	Farid Jahouh
759	SPATIAL METABOLOMICS FOR EVALUATING RESPONSE TO NEOADJUVANT THERAPY IN NON-SMALL CELL LUNG CANCER PATIENTS	Jian Shen
865	REVEALING THE MOLECULAR UNIVERSE OF ENVIRONMENTAL MICROBIOMES USING SPATIALLY RESOLVED MASS SPECTROMETRY AND MULTIMODAL IMAGING	Christopher Anderton

958	THE IMPACT OF ABDOMINAL ADIPOSE TISSUE COMPOSITION ON RADIODENSITY IN COMPUTED TOMOGRAPHY	Amani Zoabi
884	MALDI IMAGING LIPID ANALYSIS INTEGRATED WITH HISTOLOGICAL DATA FOR A COMPLETE SPATIAL-CONTEXTUAL EVALUATION	Janina Oetjen
931	MALDI-MSI: A POWERFUL APPROACH TO UNDERSTAND PRIMARY PANCREATIC DUCTAL ADENOCARCINOMA AND METASTASES	Kristina Schwamborn
1000	LIPIDOMIC PROFILING FOR UNRAVELLING PATHOLOGICAL MECHANISMS IN ACUTE INTESTINAL ISCHEMIA-REPERFUSION INJURY IN HUMAN IN VIVO MODEL.	Annet Duivenvoorden
1009	MULTI-OMICS ANALYSIS OF HEPATOCELLULAR CARCINOMA USING MALDI IMAGING MASS SPECTROMETRY	Kate Stumpo
963	A MALDI IMAGING ROUTINE FOR CAFFEINE AND THEOPHYLLINE	Marius Herbst

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)

Session: Lipidomics

Theme: Life Sciences & Health

#	Abstract Title	Presenter
845	SPHINGOLIPID QUANTIFICATION UTILIZING SPECIES-SPECIFIC CORRECTION FACTORS	Nina Troppmair
867	HIGH-THROUGHPUT μ L-C-MS/MS LIPIDOMICS OF 3D IN VITRO DISEASE MODELS TO INVESTIGATE LIPID DYSREGULATION	Zdenek Spacil
957	4D-LIPIDOMICS PROFILING IN ADRENOLEUKODYSTROPHY USING VACUUM INSULATED PROBE HEATED ESI AND TRAPPED ION MOBILITY TIME-OF-FLIGHT MASS SPECTROMETRY	Michel van Weeghel
1013	UTILIZING CID AND EAD FRAGMENTATION FOR GLOBAL LIPID PROFILING OF HUMAN AND RAT PLASMA	Katherine Tran
920	REVEALING THE COMPLEXITY OF THE HAIR LIPIDOME	Maria Lavoie
1030	THE ROLE OF APOE4 IN BRAIN LIPID METABOLISM IN DEMENTIA	qi zhong
753	A SENSITIVE LC-MS/MS METHOD FOR THE SIMULTANEOUS DETERMINATION OF HEXOSYL CERAMIDES AND HEXOSYL SPHINGOSINES IN CELLS	Farid Jahouh
825	HIGH THROUGHPUT HDMSE BLOOD PRODUCT LIPIDOMIC SCREENING USING A DESI INLET	Lisa Reid
954	THE ASSESSMENT OF ELECTRONIC-ACUPUNCTURE TREATMENTS AS AN ELECTROCEUTICALS ON HYPERTENSION BASED ON LIPIDOMICS USING MASS-SPECTROMETRY	Sarah Shin
57	FDR-CONTROLLED LIPID ANNOTATION FOR MASS SPECTROMETRY-BASED LIPIDOMICS	Christer Ejsing
85	QUANTITATIVE ANALYSIS OF LIPIDS IN HUMAN PLASMA USING DERIVATIZATION WITH H5/D5-BENZOYL CHLORIDE AND RP-UHPLC/MS	Ondrej Peterka
88	FLOW INJECTION ANALYSIS TANDEM MASS SPECTROMETRY FOR DETERMINATION OF SELECTED CLASSES OF SPHINGOLIPIDS IN PLASMA OF PATIENTS WITH COLORECTAL CARCINOMA	Denisa Kolářová
103	DEEP LIPIDOMICS OF PHOSPHOLIPID SN-ISOMERS USING OZONE-INDUCED DISSOCIATION COMBINED WITH A HIGH-THROUGHPUT DATA-INDEPENDANT ANALYSIS WORKFLOW	Jesse Michael
121	NANOLC-MS/MS AS A TOOL FOR VERIFICATION OF CHLORINE EXPOSURE	Pernilla Lindén
127	LIPID ANALYSIS BY MEANS OF LC-IM-QTOF-MS AND THE EFFECT OF DATA PRETREATMENT IN TARGETED AND NON-TARGETED ANALYSIS	Sven Meckelmann
133	HOW MULTIPLEXING AND POST-PROCESSING CAN INCREASE THE SEPARATION POWER AND LIPIDOME COVERAGE FOR A NON-TARGETED LIPIDOMICS WORKFLOW	Sven Meckelmann
148	USING KENDRICK PLOT AS A RAPID VISUALIZATION TOOL FOR LIPIDOMICS IN COMPLEX SAMPLE USING DIRECT INFUSION MASS SPECTROMETRY AND REVERSE PHASE LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY	Justine Hustin
163	STRUCTURAL ELUCIDATION OF THE POLAR LIPID CLASSES N-ACYLPHOSPHATIDYLETHANOLAMINES, N-ACYL-LYSOPHOSPHATIDYLETHANOLAMINES AND ACYL-MONOGALACTOSYLDIACYLGLYCEROLS IN CEREALS WITH ESI-MS AND ESI-MS/MS	Svenja Schneider
174	ADDRESSING STRUCTURAL DIVERSITY OF CARDIOLIPINS AND THEIR OXIDATION PRODUCTS BY HYPHENATED TECHNIQUES	Heiko Hayen
205	LIPID QUANTIFICATION BY HILIC-MS/MS UTILIZING TRAPPED ION MOBILITY SPECTROMETRY	Edward Rudt
236	ZONATED LIVER DISEASES ANALYSIS VIA LASER CAPTURE MICRODISSECTION AND MASS SPECTROMETRY	Silvia Radrezza
250	DEFINITION OF BIOMARKER CLASS FOR DIAGNOSIS OF PARKINSON'S DISEASE FROM SEBUM USING PAPER SPRAY IONISATION ION MOBILITY MASS SPECTROMETRY	Debanjan Sarkar
307	ANALYSIS OF SPHINGOMYELINS IN CAENORHABDITIS ELEGANS VIA 2D-LC-MS/MS AND SFC-TIMS-MS	Johannes Scholz
339	OPENING NEW HORIZONS IN LIPIDOMICS – ULTRA-HIGH MASS RESOLUTION MASS SPECTROMETRY IMAGING WITH AN ORBITRAP COUPLED TO AN EXTERNAL DATA ACQUISITION SYSTEM	Andrej Grgic
358	SPIDERMASS: A NOVEL THERAGNOSTIC TOOL FOR OVARIAN CANCER PATIENT CARE	Lucas Roussel
508	LIPIDOMIC PROFILE OF BASAL CELL CARCINOMA OF HUMAN SKIN SAMPLES BY MASS SPECTROMETRY IMAGING	Fernanda Endringer Pinto
578	MULTIMODAL FRAGMENTATION, 1- AND 2-DIMENSIONAL TANDEM MASS SPECTROMETRY OF LIPIDS EXTRACTED FROM HUMAN PLACENTAL TISSUE	Basim Hussain
622	NOVEL WORKFLOW PROVIDING IMPROVED SENSITIVITY AND ANNOTATION QUALITY FOR EICOSANOID ANALYSIS BASED ON HEATED ESI SOURCE AND PASEF DATA ACQUISITION	Sven Meyer
713	WORKFLOW FOR HIGH THROUGHPUT LIPIDOMICS SCREENING AND RELATIVE QUANTIFICATION OF HUMAN PLASMA AND SERUM UTILIZING MALDI-TIMS-TOF	Sebastian-Alexander Tölke

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: MS in Structural biology - Native MS, HDX-MS****Theme: Life Sciences & Health**

#	Abstract Title	Presenter
83	PROBING THE CONFORMATIONAL DYNAMICS OF ALPHA-SYNUCLEIN BY ION MOBILITY MASS SPECTROMETRY	Emily Byrd
96	HDX MASS SPECTROMETRY FOR THE STUDY OF BIOTHERAPEUTIC FORMULATION EFFECTS ON THE STRUCTURAL DYNAMICS OF MONOCLONAL ANTIBODIES	Emilia Christofi
162	OXIDATIVE FOOTPRINTING AND HYDROGEN-DEUTERIUM EXCHANGE TO STUDY DIFFERENT PROTEIN-LIGAND SYSTEMS	Thomas Nehls
191	UNDERSTANDING THE MECHANISM OF NATIVE SUPERCHARGING OF NUCLEIC ACIDS BY ION MOBILITY MASS SPECTROMETRY	Debasmita Ghosh
195	NATIVE MASS SPECTROMETRY TO ELUCIDATE HOW FOLDAMER LIGANDS SELECTIVELY TARGET NON-CANONICAL DNA STRUCTURES	Alexander König
204	DYNAMIC INTERPLAY BETWEEN THE PERIPLASMIC CHAPERONE SUR4 AND THE BAM COMPLEX IN OUTER MEMBRANE PROTEIN FOLDING STUDIED BY STRUCTURAL MASS SPECTROMETRY	Antonio Calabrese
209	PULLING APART HEAVY METAL BINDING TO PHYCOBILIPROTEINS WITH NATIVE MASS SPECTROMETRY	Jeddidiyah Bellamy-Carter
225	ION-MOBILITY MASS SPECTROMETRY OF ALPHA-1 ANTITRYPSIN: STRUCTURAL AND METHODOLOGICAL INSIGHTS.	Sarah Vickers
229	WHAT CALCULATION LEVEL IS REQUIRED FOR THE STRUCTURAL INTERPRETATION OF ION MOBILITY MASS SPECTROMETRY EXPERIMENTS IN THE 1000-12000 DA RANGE?	Frederic Rosu
247	INSIGHTS INTO THE CONFORMATIONAL DYNAMICS OF THE DISORDERED PROTEIN TDP-43 FROM STRUCTURAL PROTEOMICS	Thomas Minshull
305	DEVELOPMENT OF A TEMPERATURE-CONTROLLED ELECTROSPRAY - CYCLIC ION MOBILITY METHODOLOGY TO INVESTIGATE PROTEIN AGGREGATION.	Julian Harrison
321	ACCELERATED CRYO-EM SAMPLE SCREENING WITH NATIVE MASS SPECTROMETRY	Scott Kronewitter
364	CRITICAL ANALYSIS OF ADENO-ASSOCIATED VIRUS CAPSID PROTEIN USING MASS SPECTROMETRY AND CRYO-EM	Dhirendra Singh
394	NATIVE NANO ELECTROSPRAY CHARGE REDUCTION (BY DIFFERENT BIPOLAR ATMOSPHERES) DIFFERENTIAL MOBILITY ANALYSIS (GEMMA) OF THE THREE VS (VIRUSES INTACT, VACCINE PARTICLES AND VIRUS-LIKE PARTICLES) FOR THEIR SIZE AND MASS DETERMINATION	Guenter Allmaier
424	PROTEIN DYNAMICS MODULATE SUBSTRATE SWITCHING IN TYPE III SECRETION SYSTEM	Tassos Economou
427	PROBING SIZE AND SHAPE HETEROGENEITY IN AAVS USING ION MOBILITY MASS SPECTROMETRY	Ellen Liggett
441	STUDY OF THE CAS9:SGRNA COMPLEX INTERACTION WITH TARGET DNA BY HDX MS	Alexander Cheronosov
451	EPIPTOPE MAPPING BY LIMITED PROTEOLYSIS MASS SPECTROMETRY	Paul Boersema
454	EVALUATING THE UTILITY OF A CYCLIC ION MOBILITY MASS SPECTROMETER FOR HYDROGEN DEUTERIUM EXCHANGE MASS SPECTROMETRY ANALYSIS	Malcolm Anderson
486	AGGREGATION OF HUMAN ISLET AMYLOID POLYPEPTIDE (HIAPP): AN INVESTIGATION INTO THE EFFECT OF METAL BINDING ON EARLY-STAGE OLIGOMERISATION	Francesca Bellingeri
526	AG INFLUENCE ON SILE, AN INTRINSICALLY DISORDERED PROTEIN	Clothilde Comby-Zerbino
585	MOLECULAR MASS DETERMINATION OF THE INTACT RIBOSOME-INACTIVATING PROTEINS BY LC-MS	Anne Puustinen
641	INVESTIGATION OF THE RIBONUCLEOCOMPLEX OF THE LASSA VIRUS BY NATIVE MS	Lennart Sanger
674	CORONAVIRUS NSP7+8: ONE COMPLEX, MANY STRUCTURES.	Boris Krichel
715	GLYCOPROTEIN CHARACTERIZATION COMBINING NATIVE AND CHARGE DETECTION MASS SPECTROMETRY.	Claire Dauly
921	DISTINCT BINDING SELECTIVITY IN STRUCTURALLY SIMILAR BCL-2 FAMILY PROTEINS IS DRIVEN BY INNATE DYNAMIC MOTIFS	Esther Wolf
975	STEERED MD SIMULATIONS CAN MIMICK GAS-PHASE PROTEIN UNFOLDING	Manuel Peris
939	INVESTIGATION OF NATIVE LESA MS AS A POTENTIAL METHOD FOR IN SITU DETECTION AND CHARACTERISATION OF ANTIBODY-DRUG CONJUGATES	Peter Macey
951	CHEMICAL OXIDATION OF P53 MONITORED BY MASS SPECTROMETRY	Manuel Peris
763	RESOLVING DETAILS OF GROEL-ES COMPLEXES USING VARIABLE TEMPERATURE NATIVE MASS SPECTROMETRY	He Sun
826	NATIVE MASS SPECTROMETRY TOWARDS BIOFLUID SCREENING OF THE EFFECTS OF COVALENT PROTEIN MODIFICATIONS DUE TO ENVIRONMENTAL EXPOSURE	Sara Jamshidi
977	NALIM: NATIVE LIQUID MALDI MASS SPECTROMETRY AS A NEW STRUCTURAL METHOD TO DIRECTLY CHARACTERIZE MEMBRANE PROTEIN COMPLEXES	Edison Zhamungui

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Translational MS – Clinical and liquid biopsies****Theme: Life Sciences & Health**

#	Abstract Title	Presenter
34	STEROID PROFILING FROM DRIED BLOOD SPOT SAMPLES USING QSIGHT LC-MS/MS	Roberto Bozic
46	MEASUREMENT OF ISOBARIC C5 ACYLCARNITINES IN DRIED BLOOD SPOT USING QSIGHT LC-MS/MS	Roberto Bozic
187	DEEP TUMOUR PROFILING OF HER2+ BREAST CANCER BIOPSIES IDENTIFIES SIGNATURES PREDICTIVE OF TREATMENT RESPONSE	Donna Olivia Debets
397	ABSOLUTE QUANTIFICATION OF PROTEOMES AND LIPIDOMES IN TISSUES AND BIOPSIES	Andrej Shevchenko
474	TARGETED PROTEOMICS AS A TOOL TO DETECT SARS-COV-2 PROTEINS IN CLINICAL SPECIMENS	Jeroen Demmers
483	ION TRAP MASS SPECTROMETRY OF BLOOD PORPHYRINS FOR CLINICAL APPLICATION IN NEUROSURGERY	Anna Walke
518	DEVELOPMENT AND VALIDATION OF AN LC-MS/MS METHOD FOR THE QUANTIFICATION OF CLINDAMYCIN IN HUMAN PLASMA	Laura Armengol Álvarez
547	DISTINGUISHING PATIENTS WITH BENIGN BREAST LESIONS, DCIS, AND INVASIVE DUCTAL CARCINOMA BY MALDI IMAGING MASS SPECTROMETRY SERUM N-GLYCAN ANALYSIS	Calvin Blaschke
550	UTILIZING MALDI IMAGING MASS SPECTROMETRY TO ANALYZE PATIENT-MATCHED HEPATOCELLULAR CARCINOMA TISSUE AND SERUM N-GLYCOSYLATION	Andrew DelaCourt
589	FUNCTIONAL DIAGNOSTICS FOR CONGENITAL DISORDERS OF GLYCOSYLATION FROM PLASMA GLYCOPEPTIDE PASEF-DDA DATA	Hans Wessels
705	ANALYSIS OF KIDNEY TRANSPLANT BIOPSY TISSUE: AIDING HISTOPATHOLOGY BY PROTEOMICS AND DEEP LEARNING TO IMPROVE PATIENT OUTCOME	Rianne Hofstraat
707	MASS SPECTROMETRY HISTOCHEMISTRY FOR SINGLE CELL NEUROPEPTIDE IMAGING OF THE FFPE HUMAN BRAIN. COMPLEMENTING THE HUMAN BRAIN ATLAS	Peter Verhaert
732	GANGLIOSIDE PROFILING IN CEREBRAL ORGANIDS: EXPLORING AGING AND ALZHEIMER'S DISEASE RELATED CHANGES	Zdeněk Spacil
925	MASS SPECTROMETRY EVALUATION OF TYPE I COLLAGEN IN-SITU DIGESTION IN BIOLOGICAL MATRICES	Justine Demeuse
866	IOHEXOL QUANTITATION AND POSSIBLE DEGRADATION KINETICS IN HUMAN URINE USING MASS SPECTROMETRY COUPLED TO LIQUID CHROMATOGRAPHY (LC)	Philippe Massonnet
876	CONTRIBUTION OF MASS SPECTROMETRY IN THE FIELD OF CARDIOVASCULAR RISK IN CHRONIC KIDNEY DISEASE: FOCUS ON HDL PROTEIN CARGO	Frédéric Delolme
880	PULMONARY AND RENAL LONG COVID AT TWO-YEAR REVISIT	Tiannan Guo
901	FAIMS-PRM IMPROVES PROTEIN LIMITS OF DETECTION AND QUANTIFICATION IN NATIVE PLASMA	Simonas Savickas
918	LONG-LIVED PROTEINS AND DNA IN TISSUES AND THE PERIPHERY AS PREDICTIVE DISEASE BIOMARKERS	Chris Turck
942	SINGLE SHOT QUANTIFICATION OF 4000 PROTEINS IN BLOOD PLASMA USING DATA INDEPENDENT ACQUISITION MASS SPECTROMETRY	Lukas Reiter
1029	A QUANTITATIVE PROTEOMICS WORKFLOW FOR URINE AND SPENT DIALYSATE USING DATA-DEPENDENT AND DATA-INDEPENDENT ANALYSES ON A TIMSTOF PRO INSTRUMENT	Peter Pichler
993	PROTEIN DEPOSIT TYPING IN CARDIAC AMYLOIDOSIS BY S-TRAP-BASED MICROPROTEOMICS WORKFLOW	Francesco Greco
769	BIOMARKER DISCOVERY OF MAJOR DEPRESSIVE DISORDER WITH SERUM OF USING METABOLOMICS ANALYSIS	Hee-Gyoo kang

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)		
Session: Environmental MS: Geo, Water, Aerosols, VOC's and POC's		
Theme: Mass spectrometry across disciplines		
#	Abstract Title	Presenter
43	SELECTIVITY AND SENSITIVITY WITHOUT CHROMATOGRAPHY: REAL-TIME DIRECT MASS SPECTROMETRY FOR VOC ANALYSIS	Arnd Ingendoh
168	APPLICATION OF CLUSTERIZATION ALGORITHMS FOR ANALYSIS OF SEMI VOLATILE POLLUTANTS IN ARKHANGELSK SNOW	Dmitrii Mazur
183	GADOLINIUM-BASED MRI CONTRAST AGENTS: FROM THE BODY TO THE AQUEOUS ENVIRONMENT AND BACK?	Uwe Karst
198	THE MISTERY OF THE CHUKOTKA STINKY GRAY WHALES	Albert Lebedev
458	FATE OF BISPHENOLS DURING CONVENTIONAL WASTEWATER TREATMENT	Ester Heath
505	SENSITIVE AND ROBUST QUANTIFICATION OF 15 COMMON UV FILTERS IN COMMERCIAL SUNSCREENS	Jessica Smith
551	NON-TARGET ANALYSIS OF DISINFECTION BYPRODUCTS IN DRINKING WATER USING ONLINE NANOLC-FT-ICR MS	Limei Han
602	DETECTION OF MYCOTOXINS IN HIGHLY MATRIX LOADED HOUSE-DUST SAMPLES BY QTOF-HRMS, IM-QTOF-HRMS, AND TQMS: ADVANTAGES AND DISADVANTAGES	Benedikt Cramer
607	A METHOD FOR MONITORING ESTROGENS IN WHOLE SURFACE WATERS BY GC-MS/MS	Ester Heath
615	MONITORING OF ALBENDAZOLE TRANSFER FROM SHEEP DUNG TO SOIL AND FODDER PLANTS USING UHPLC-MS/MS	Martina Navrátilová
629	ASSESSING CAPABILITIES OF LC-IM-TOFMS FOR RELIABLE QUANTIFICATION IN WATER ANALYSIS	Sven Kochmann
698	MASS SPECTROMETRIC NON-TARGET SCREENING IN PRACTICE - QUO VADIS?	Thomas Letzel
714	SEX PHEROMONES IN DIATOMS	Franziska Klapper
828	THUNDERSTORMS: CLOUD ELECTRIFICATION OR SPONTANEOUS WATER IONIZATION?	Luan Felipe C. Oliveira
832	CHARACTERISATION OF BIO-OILS AT MOLECULAR LEVEL BY SPECIFIC DERIVATIZATION OF FUNCTIONAL GROUPS.	Anthony Abou Dib
888	ULTRA-SHORT TRANSIENT CHROMATOGRAPHY AND DIRECT ANALYSIS OF HIGHLY INTERFERED AND CHALLENGING ELEMENT WITH THE FIRST QUADRUPOLE QUADRUPOLE ICPMSMS	Fan Yang
922	STRATEGIES FOR ANNOTATIONS OF PHENOLIC COMPOUNDS BY MS-BASED MOLECULAR NETWORKING AND MANUAL MS/MS DATA CURATION	Luís Feitosa
950	TRANSCRIPTOMICS, NEUROPEPTIDOMICS AND MASS SPECTROMETRY IMAGING OF THE MINIATURE BRAIN OF THE CATAGLYPHIS NODUS ANT	Susanne Neupert
965	STRATEGIES FOR ANNOTATIONS OF PHENOLIC COMPOUNDS BY MS-BASED MOLECULAR NETWORKING AND MANUAL MS/MS DATA CURATION	Luís Feitosa
981	THE ACCURATE QUANTIFICATION OF ETHYLENE OXIDE IN THE PRESENCE OF ACETALDEHYDE: THE SEPARATION OF ISOBARIC COMPOUNDS USING SIFT-MS	Stefan Swift
854	LOCALISING ORGANIC CONTAMINANTS AND THEIR BIOTRANSFORMATION PRODUCTS IN WHOLE BODY CROSS-SECTIONS OF AQUATIC INVERTEBRATES USING TWO MS-IMAGING TECHNIQUES	Johannes Rath

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Homeland security, explosives and environmental monitoring****Theme: Mass spectrometry across disciplines**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
556	INVESTIGATION OF WASTEWATER SAMPLES FROM A MOSCOW SCHOOL IN ORDER TO DETERMINE THE PRESENCE OF SUBSTANCES SUBJECT TO CONTROL IN THE RUSSIAN FEDERATION USING ORBITRAP	Artem Zharikov
596	TWO-DIMENSIONAL ULTRAVIOLET PHOTODISSOCIATION MASS SPECTROMETRY FOR THE DATA-INDEPENDENT ANALYSIS OF SINGLY-CHARGED AGROCHEMICALS AND THEIR METABOLITES IN ENVIRONMENTALLY RELATED MATRICES	Bryan Marzullo
617	ULTRA-SHORT TRANSIENT CHROMATOGRAPHY AND DIRECT ANALYSIS OF HIGHLY INTERFERED AND CHALLENGING ELEMENT WITH THE FIRST QUADRUPOLE QUADRUPOLE ICPMSMS	Soumya Gupta
625	IDENTIFICATION OF BIOMARKERS OF POPULATION SIZE IN WASTEWATER USING TOTAL CORRELATION MASS SPECTROMETRY (TOC-MS)	Jack Rice
693	FLUORINATED POLYMERS DART-MS STUDY	Frederic Progent

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Space exploration & Astro chemistry****Theme: Mass spectrometry across disciplines**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
431	A CHARGE DETECTION MASS SPECTROMETER FOR CHARACTERIZING DUST GRAINS IN THE MARS ATMOSPHERE	Daniel Austin
754	MOLECULAR GROWTH IN LASER VAPORIZED SIN+0 + C2H2 CHEMISTRY FOR AN ASTROPHYSICAL CONTEXT	Sandra Wiersma

POSTERSESSION B (WEDNESDAY 31 AUGUST & THURSDAY 1 SEPTEMBER)**Session: Young MS Scientists****Theme: Other**

<i>#</i>	<i>Abstract Title</i>	<i>Presenter</i>
415	UNDERSTANDING THE ABILITY OF HOP TERPENE BIOTRANSFORMATION TO ENHANCE BEER FLAVOUR USING PROTON TRANSFER REACTION-TIME OF FLIGHT-MASS SPECTROMETRY (PTR-TOF-MS)	Rebecca Roberts
531	APPLICATION OF CHROMATOGRAPHY AND MASS SPECTROMETRY TO UNRAVEL THE COMPLEXITY OF DIESEL FUEL	Molly Wilson
541	USING PODCASTS FOR SCIENCE COMMUNICATION: AN EXAMPLE OF PUBLIC PERCEPTION TO MASS SPECTROMETRY APPLICATIONS	Nayer Rehman
392	MULTICONDITIONRT (MCRT): PREDICTING LIQUID CHROMATOGRAPHY RETENTION TIME FOR EMERGING CONTAMINANTS FOR A WIDE RANGE OF ELUENT COMPOSITIONS AND STATIONARY PHASES	Amina Souihi