

No	Date of publication	Presentation time	Poster number	Presentation	Topics	Title	Name
1	Day 1	09:00-10:20	A-1	Poster	Ambient Ionization methods	Non-invasive and Rapid Detection of Ingested Oral-Medications on Face Mask by Ambient Ionization Tandem Mass Spectrometry Coupled with Molecular Cartography	Hung Su
2	Day 1	09:00-10:20	A-2	Poster	Ambient Ionization methods	Influence of mobile phase additives on ionization efficiency of androgenic anabolic steroids in LC-positive ESI/MS	정태영
3	Day 1	09:00-10:20	A-3	Poster	Ambient Ionization methods	Real-time wide-polarity-range reaction monitoring using pressurized sample infusion-thermal desorption-dielectric barrier discharge ionization	Hsu, yuan-zhang
4	Day 1	09:00-10:20	A-4	Poster	Ambient Ionization methods	Induced Electrospray Ionization Mass Spectrometry for Derivatization of Glucose in Single Cell Using Reaction Acceleration in Microdroplets	Hyunsoo Kim
5	Day 3	09:00-10:20	B-1	Poster	Antibody MS	Multiplex quantitation of critical host cell proteins (HCPs) using a SureQuant mass spectrometry assay peptide panel	Jinyoung Bae
6	Day 3	09:00-10:20	B-2	Poster	Antibody MS	TEMPO-Based FRIPS MS: A Promising Approach for Antibody Sequencing and Proteomics Analysis	So Yeon Lee
7	Day 3	09:00-10:20	B-3	Poster	Antibody MS	SEC-MS for Characterization of mAbs and ADCs	김주리
8	Day 3	09:00-10:20	B-4	Poster	Antibody MS	Combined mass spectrometric, thermodynamic and kinetic analyses for IgG-Fc receptor interactions	Yuki Yamguchi
9	Day 3	09:00-10:20	B-5	Poster	Antibody MS	Characterizing Disulfide Bonds in Therapeutic Monoclonal Antibodies: Advancements in High-Resolution Ion Mobility Mass Spectrometry	ABHIK MOJUMDAR
10	Day 3	09:00-10:20	C-1	Poster	Bioinformatics and Computational Methods	Unraveling Cancer Signaling Pathways: Enhancing Protein Identification and Quantification through Integrated Bioinformatics and Mass Spectrometry	Rifaldy Fajar
11	Day 3	09:00-10:20	C-2	Poster	Bioinformatics and Computational Methods	Machine learning (ML) liquid chromatography retention time prediction model augments the dansylation strategy for metabolite analysis of urine samples.	최은우
12	Day 3	09:00-10:20	C-3	Poster	Bioinformatics and Computational Methods	Interpretable Machine Learning on Metabolomics Data Reveals Biomarkers for Parkinson's Disease	Diana Zhang
13	Day 3	09:00-10:20	C-4	Poster	Bioinformatics and Computational Methods	Developing a module of pipeline for modified peptide identification with PTMs library	여명
14	Day 2	09:00-10:20	D-1	Poster	Clinical MS and Laboratory Medicine	Artificial Circulatory System for Tumoroid (ACT): A Pharmaceutical and Biomimetic Model for Mass Spectrometry-Based Analysis for Personalized Medicine	Soo Yeon Chae
15	Day 2	09:00-10:20	D-2	Poster	Clinical MS and Laboratory Medicine	Simultaneous quantification methods of antiviral drugs using liquid chromatography-mass spectrometry for clinical testing	Ji-Seon Jeong
16	Day 2	09:00-10:20	D-3	Poster	Clinical MS and Laboratory Medicine	Blending old with new capabilities: Improving targeted steroid screening and quantitation performance using state-of-the-art triple quadrupole mass spectrometers and FAIMS	Jinyoung Bae
17	Day 2	09:00-10:20	D-4	Poster	Clinical MS and Laboratory Medicine	Quantification of Tenofovir-diphosphate and Emtricitabine-triphosphate in Dried Blood Spots by LC-MS/MS for Evaluating Pre-exposure Prophylaxis (PrEP) Adherence	Ya-Ting Lin
18	Day 2	09:00-10:20	D-5	Poster	Clinical MS and Laboratory Medicine	Application of Transition Metal Dichalcogenides in Therapeutic Drug Monitoring: Tungsten Disulfide Nanosheet-assisted Laser Desorption/Ionization Mass Spectrometry for Quantitative Analysis of Patients' Blood Samples	Sunho Joh
19	Day 2	09:00-10:20	D-6	Poster	Clinical MS and Laboratory Medicine	Melanoma Boundary Determination Using Metabolic Mass Spectrometry Imaging	Yuhuan Chen
20	Day 2	09:00-10:20	D-7	Poster	Clinical MS and Laboratory Medicine	Preparation of sterol-free tissue samples in GC-MS-based sterol signaturing assay	서해진
21	Day 2	09:00-10:20	D-8	Poster	Clinical MS and Laboratory Medicine	Comprehensive LC-MS profiling of adrenal steroids in human hair	Soyeon Park
22	Day 2	09:00-10:20	D-9	Poster	Clinical MS and Laboratory Medicine	A novel LC-MS-based profiling of serum steroids, catecholamines, and metanephrines for characterizing adrenal tumors	Jongsung Noh
23	Day 2	09:00-10:20	D-10	Poster	Clinical MS and Laboratory Medicine	Evaluation of the Clinical Performance of MRSA Screening Software based on MALDI-TOF MS	Jong-Min Park
24	Day 2	09:00-10:20	D-11	Poster	Clinical MS and Laboratory Medicine	An automated sample preparation workflow for simultaneous quantification of serum AFP glycopeptides using LC-MS/MS analysis	Je-Hyun Baek
25	Day 2	09:00-10:20	E-1	Poster	Drug Discovery and ADME	Feature-based molecular networking and multivariate analysis for the identification of glutathione adduct formed via in vitro bioactivation	Young-Heun Jung
26	Day 2	09:00-10:20	E-2	Poster	Drug Discovery and ADME	Bioanalytical method for the simultaneous quantitation of anti-diabetic drugs in rat plasma by UHPLC-MS/MS	Eunyoung Lee

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27	Day 2	09:00-10:20	E-3	Poster	Drug Discovery and ADME	LC-MS/MS Quantitation of Formaldehyde–Glutathione Conjugates as Biomarkers of Formaldehyde Exposure and Exposure-Induced Antioxidants: A New Look on an Old Topic	Patricia
28	Day 2	09:00-10:20	E-4	Poster	Drug Discovery and ADME	LC/MS platform for the detection and identification of novel DNA modifications in bacteriophages	Iliang CUI
29	Day 2	09:00-10:20	E-5	Poster	Drug Discovery and ADME	Quantitative analysis of drug in the exosome of cancer cell using high performance liquid chromatography-tandem mass spectrometry	Jiwon Park
30	Day 2	09:00-10:20	E-6	Poster	Drug Discovery and ADME	Development of bioanalytical method for Donepezil using LC-MS/MS system and establishment of its pharmacokinetic model in Rhesus monkey	Sangkyu Woo
31	Day 2	09:00-10:20	E-7	Poster	Drug Discovery and ADME	Quantification of Midazolam clearance in serum using LC-MS/MS-MRM	Hyeln Kang
32	Day 2	09:00-10:20	E-8	Poster	Drug Discovery and ADME	Verification of therapeutic effect through Accelerator Mass Spectrometry based single cell level quantification of hESC-endothelial cells distributed into an ischemic model	Oh Min Seok
33	Day 2	09:00-10:20	E-9	Poster	Drug Discovery and ADME	In vitro metabolism of aschantin using human and animal hepatocytes	Min Seo Lee
34	Day 2	09:00-10:20	E-10	Poster	Drug Discovery and ADME	Sensitive analytical method for the simultaneous determination of five active components in Bojungkigtang powder and its application to drug-drug interaction study	Seok-jin Cho
35	Day 2	09:00-10:20	E-11	Poster	Drug Discovery and ADME	Solvent-free headspace GC/MS method for the screening of benzyl chloride in Pharmaceutical Products	Chanhong Min
36	Day 2	09:00-10:20	E-12	Poster	Drug Discovery and ADME	Quantification of diclofenac in mouse plasma for assessing the pharmacokinetic profiles using LC-MS/MS	정우성
37	Day 2	09:00-10:20	F-1	Poster	Environmental & Atmospheric MS	Functional group analysis of oxidation products of α -pinene using no liquid chromatography electrospray tandem mass spectrometry (no LC/ESI-MS/MS) and derivatization reactions	Daisuke Fukuyama
38	Day 2	09:00-10:20	F-2	Poster	Environmental & Atmospheric MS	Functional group analysis of protonated molecules of α -pinene oxidation products by collision-induced dissociation mass spectrometry	Minori Fukazawa
39	Day 2	09:00-10:20	F-3	Poster	Environmental & Atmospheric MS	Volatile organic compounds inside the cabin of a new electric vehicle under different operation modes during winter using proton transfer reaction time-of-flight mass spectrometry	Berkay Yesildagli
40	Day 2	09:00-10:20	F-4	Poster	Environmental & Atmospheric MS	Development of KRISS Particulate Matter CRMs for the Analysis of Chemicals and Source Identification	Yong-Hyeon Yim
41	Day 2	09:00-10:20	F-5	Poster	Environmental & Atmospheric MS	Determination of Aristolochic Acids in Soil, Water, and Herbal Plants in Medicinal Plant Cultivation Areas: An Emerging Environmental Contaminant Worth Concerning	CHAN Chi Kong
42	Day 2	09:00-10:20	F-6	Poster	Environmental & Atmospheric MS	A study on the dynamic adsorption of nitrogen containing odorous compounds on thermal dried activated carbon using proton transfer reaction time of flight mass spectrometry (PTR-ToF-MS)	Sooyeol Phyo
43	Day 1	09:00-10:20	F-7	Poster	Environmental & Atmospheric MS	Analysis of Targeted and Non-targeted Dye and Emerging Contaminants in the Kali-Loji River, Indonesia, Using UPLC-FT-ICR-MS	Rafiqul Alam
44	Day 1	09:00-10:20	F-8	Poster	Environmental & Atmospheric MS	Evaluating seasonal differences in organic chemical constituents of airborne particulate matter in Ulaanbaatar, Beijing, and Seoul using UPLC-FT-ICR MS and artificial neural network	Seungwoo Son
45	Day 1	09:00-10:20	F-9	Poster	Environmental & Atmospheric MS	Assessing the Photodegradation Byproducts of Polyethylene Terephthalate: A Qualitative Study	Eonjin Hwang
46	Day 1	09:00-10:20	F-10	Poster	Environmental & Atmospheric MS	Wheatgrass (<i>Triticum aestivum</i>) as an Efficient Phytoremediation Plant for Aristolochic Acid-Contaminated Water and Arable Soil	Kwok Hong Ching
47	Day 1	09:00-10:20	F-11	Poster	Environmental & Atmospheric MS	Synergistic Interaction of Polycyclic Aromatic Hydrocarbons, Phthalate Esters, or Phenol on DNA Adduct Formation by Aristolochic Acid I: Insights into the Etiology of Balkan Endemic Nephropathy	ZHANG Jiayin
48	Day 2	09:00-10:20	F-12	Poster	Environmental & Atmospheric MS	An integrated molecular networking based non-targeted PFAS analysis workflow by High-Resolution Mass Spectrometry (HRMS)	Jinyoung Bae
49	Day 2	09:00-10:20	F-13	Poster	Environmental & Atmospheric MS	Improved Automated Sample Preparation for Persistent Organic Pollutants using Parallel Gas Assisted Accelerated Solvent Extraction and Automated Solvent Concentration	Jinyoung Bae
50	Day 2	09:00-10:20	F-14	Poster	Environmental & Atmospheric MS	Analysis of Polycyclic Aromatic Hydrocarbons and Phthalate Esters in Soil and Food Grains from the Balkan Peninsula: The Possible Links to Balkan Endemic Nephropathy	GUO Wanlin
51	Day 1	09:00-10:20	F-15	Poster	Environmental & Atmospheric MS	Identifying specific chemicals in aerosol particulate matter from various environmental sources using mass spectrometry and artificial neural network analysis	Geondo Park
52	Day 2	09:00-10:20	F-16	Poster	Environmental & Atmospheric MS	Persistent and mobile organic compounds (PMOCs) guanidine derivatives. Environmental occurrence and their disinfection byproducts	Atsushi Yamamoto
53	Day 1	09:00-10:20	F-17	Poster	Environmental & Atmospheric MS	Effects of warming on molecular compositions of dissolved organic matter in high Arctic soil	Min Sung Kim

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54	Day 1	09:00-10:20	F-18	Poster	Environmental & Atmospheric MS	Comparison of regional contributions to SOA formation in PM2.5 particles in winter in five sites of Northeast Asia	Min Sung Kim
55	Day 1	09:00-10:20	F-19	Poster	Environmental & Atmospheric MS	Phenols contamination pre-existing in LC-MS system and sample preparation materials, and influence on quantitation accuracy in human urine	Minsik Kang
56	Day 1	09:00-10:20	F-20	Poster	Environmental & Atmospheric MS	Development of analysis methods for chemical warfare agent degradation products in environmental samples using GC-MS combined with automated sampling system	Jin-Woo Jeon
57	Day 1	09:00-10:20	F-21	Poster	Environmental & Atmospheric MS	Development of a real-time soil-gas measurement system using a multi-turn time-of-flight mass spectrometer	Shunya Suzuki
58	Day 2	09:00-10:20	F-22	Poster	Environmental & Atmospheric MS	Characterization of region-specific PAH compounds in PM2.5 particles during winter in three megacities of Northeast Asia	Seulgidaun Lee
59	Day 1	09:00-10:20	F-23	Poster	Environmental & Atmospheric MS	Establishment of LC-MS/MS method for analysis of UV filters and their metabolites in human urine	na youn park
60	Day 1	09:00-10:20	F-24	Poster	Environmental & Atmospheric MS	In vitro phase I metabolism of new plasticizer using human liver microsome combined with high performance liquid chromatography and high resolution mass spectrometry	na youn park
61	Day 2	09:00-10:20	F-25	Poster	Environmental & Atmospheric MS	Changes in the Composition and Level of Indoor Volatile Compounds According to Occupancy and Ventilation	주시연
62	Day 2	09:00-10:20	F-26	Poster	Environmental & Atmospheric MS	Determination of Perfluoroalkane Sulfonyl Fluoride with LC/MS	Cuirong Sun
63	Day 2	09:00-10:20	F-27	Poster	Environmental & Atmospheric MS	Comprehensive Profiling of Rubber Surface Leachate Reveals Potentially Hazardous Additives	Woo-Young Song
64	Day 2	09:00-10:20	F-28	Poster	Environmental & Atmospheric MS	Development and validation of a bioanalytical method for 4-tert-octylphenol using ultra performance liquid chromatography-tandem mass spectrometry: application to analysis of differences in toxicokinetics between genders	Seung-Hyun Jeong
65	Day 2	09:00-10:20	F-29	Poster	Environmental & Atmospheric MS	Identification of Potential Pollutants in Road Marking Paints Using Multiple Mass Spectrometry Techniques	서승우
66	Day 2	09:00-10:20	F-30	Poster	Environmental & Atmospheric MS	Observation of Plastiglomerate mass spectrometry results in coastal waters of Korea using pyrolysis-GC/MS and MALDI-TOF MS	Hee-Jin Yoo
67	Day 2	09:00-10:20	F-31	Poster	Environmental & Atmospheric MS	Quantitative bioanalytical method for Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) and Perfluoroheptanoic acid (PFHpA) in rat serum using LC-MS/MS, and its application in a toxicity study	HOHAN.LIM
68	Day 2	09:00-10:20	F-32	Poster	Environmental & Atmospheric MS	Analytical methods of 3-hydroxy fatty acids and ergosterol as biomarkers in airborne particles utilizing GC/MS	Gieun Hong
69	Day 2	09:00-10:20	F-33	Poster	Environmental & Atmospheric MS	Bioaccumulation of OPEs and their degradation products in marine foodweb from the two industrialized coasts	Jae-Eun Lim
70	Day 3	09:00-10:20	G-1	Poster	Food and Nutrients MS	Analysis of germanium (Ge) in functional white rice using fsLA, ICP-MS	sung hwa, Choi
71	Day 3	09:00-10:20	G-2	Poster	Food and Nutrients MS	Mass spectrometry of structural isomers of vanillin	Saki Oe
72	Day 3	09:00-10:20	G-3	Poster	Food and Nutrients MS	The development of an analytical platform for honeybee pollen traceability and flavor quality control using HS-SPME/GC-MS	Zheng Yi-Feng
73	Day 3	09:00-10:20	G-4	Poster	Food and Nutrients MS	LC-MS/MS-based analysis of anserine as a promising marker for determining the origin of red seabream	Lee HyunJi
74	Day 3	09:00-10:20	G-5	Poster	Food and Nutrients MS	Integrative multiomics analysis of post-harvest nutrition quality in vegetables	Qifeng Lin
75	Day 3	09:00-10:20	G-6	Poster	Food and Nutrients MS	Discrimination of bean species, geographical origins and adulteration of soy sauce via volatile and proteomic signatures	Wei-Chen Wang
76	Day 3	09:00-10:20	G-7	Poster	Food and Nutrients MS	Analysis and application of volatile components in "Oriental Beauty" oolong tea by solid-phase microextraction coupled with GC/MS and DART-MS	Yen-Ching Lin
77	Day 1	09:00-10:20	G-8	Poster	Food and Nutrients MS	The use of atmospheric-pressure chemical ionization for pesticide analysis using liquid chromatography mass spectrometry	Kuan-Lu Wu
78	Day 1	09:00-10:20	G-9	Poster	Food and Nutrients MS	Comprehensive proteome profiling of alternative proteins - "the good" and "the bad" proteins	Lim Xin Shan

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79	Day 3	09:00-10:20	G-10	Poster	Food and Nutrients MS	Profiling of Volatile Compounds Emitted from Apples by Atmospheric Pressure Corona Discharge Mass Spectrometry	Yuto Nishikido
80	Day 3	09:00-10:20	G-11	Poster	Food and Nutrients MS	Molecular Networking-Guided Isolation of a Phenolic Constituent from Prunus mume Seed and Its Antioxidant and Anti-Inflammatory Activities	유수정
81	Day 3	09:00-10:20	G-12	Poster	Food and Nutrients MS	Comprehensive phytochemical profiles and antioxidant activity of Korean local cultivars of red chili pepper (Capsicum annuum L.)	Hyemi Jang
82	Day 3	09:00-10:20	G-13	Poster	Food and Nutrients MS	Characterization of capsaicinoid compounds using a hybrid quadrupole time-of-flight mass spectrometry coupled with trapped ion mobility spectrometry	Hyemi Jang
83	Day 1	09:00-10:20	G-14	Poster	Food and Nutrients MS	Investigation of foods containing beta-amylase for gluten content	Michelle Colgrave
84	Day 3	09:00-10:20	G-15	Poster	Food and Nutrients MS	Thermal Desorption-Electrospray Ionization/Mass Spectrometry (TD-ESI/MS) Combined with Multivariate Analysis to Rapidly Differentiate the Varieties of Cod Fish	Chi-Yang Lee
85	Day 1	09:00-10:20	G-16	Poster	Food and Nutrients MS	Development of an analysis method for perfluorinated compounds in beef matrix using QuEChERS and LC-MSMS	황선헌
86	Day 3	09:00-10:20	G-17	Poster	Food and Nutrients MS	Neurological profiling in zebrafish larvae model after treatment with fermented rice bran extract	Seong Soon Kim
87	Day 3	09:00-10:20	G-18	Poster	Food and Nutrients MS	LC/MS/MS-based Strategy for Monitoring Pteriatoin Isomers in Shellfish from the Korean Peninsula	hyewonkim
88	Day 3	09:00-10:20	G-19	Poster	Food and Nutrients MS	Simultaneous analysis of 12 novel brominated flame retardants in biological samples using gas chromatography-tandem mass spectrometry	Juhyeon Kim
89	Day 1	09:00-10:20	G-20	Poster	Food and Nutrients MS	Development of isotope dilution-ultrahigh-performance liquid chromatography-tandem mass spectrometry for the accurate determination of aflatoxins in coffee	Lijalem Yared Getachew
90	Day 3	09:00-10:20	G-21	Poster	Food and Nutrients MS	Supramolecular solvent liquid-liquid microextraction (Ss-LLME) for determination of important vitamin B in food by liquid chromatography-tandem mass spectrometry	유현우
91	Day 3	09:00-10:20	G-22	Poster	Food and Nutrients MS	Changes in monosaccharides, oligosaccharides, and microbial community during traditional meju fermentation	JaeHui Song
92	Day 3	09:00-10:20	G-23	Poster	Food and Nutrients MS	Development of an accurate analytical method for free pantothenic acid with isotope dilution-liquid chromatography/tandem mass spectrometry in beef	태규리
93	Day 1	09:00-10:20	H-1	Poster	Forensic MS	Proteomic Investigation of Changes in Human Blood Plasma Exposed to Nerve Agents	Hyun Hee Lee
94	Day 1	09:00-10:20	H-2	Poster	Forensic MS	Biomarker studies of human blood plasma samples exposed to Sesquimustard and HD using GC-MS/MS (EI, CI)	Sangmoon Byun
95	Day 1	09:00-10:20	H-3	Poster	Forensic MS	Development of simultaneous multiresidue analysis by using solid-phase extraction and optimized glucuronidase enzymatic hydrolysis for 402 prohibit substances in sports doping	Eunbyul CHO
96	Day 1	09:00-10:20	H-4	Poster	Forensic MS	A Case of Rodenticide Poisoning in Cat using aLiquid Chromatography–Tandem Mass Spectrometry	채현영
97	Day 1	09:00-10:20	H-5	Poster	Forensic MS	Development of Fire Extinguisher Dry Powders for Analysis of Latent Fingerprints by MALDI-MS	Deejay MAK Suen-yui
98	Day 3	09:00-10:20	I-1	Poster	Fundamental MS and Gaseous Ion Chemistry	Using hydrogen as carrier gas in gas chromatography mass spectrometry (GC-MS) applications – a case study for common contaminants	Jinyoung Bae
99	Day 3	09:00-10:20	I-2	Poster	Fundamental MS and Gaseous Ion Chemistry	Investigating molecular behavior in the ESI-generated charged nanodroplets using X-ray scattering	김민수
100	Day 3	09:00-10:20	I-3	Poster	Fundamental MS and Gaseous Ion Chemistry	Formation of Stable Chiral-Selective Serine/Glucose Complex Anion with a Chloride in the Gas Phase	Kim Doui
101	Day 3	09:00-10:20	I-4	Poster	Fundamental MS and Gaseous Ion Chemistry	The Study on Ion Guiding and Collision Mechanism in Octopole Collision Cell for ICP-MS	sungwon kang
102	Day 3	09:00-10:20	I-5	Poster	Fundamental MS and Gaseous Ion Chemistry	Enhancing Ionization Efficiency of Quantum Dots in MALDI-TOF through Porphyrin-Based Matrix	RO DONGYEON
103	Day 3	09:00-10:20	I-6	Poster	Fundamental MS and Gaseous Ion Chemistry	Unraveling the Formation Mechanism of Electrosprayed Alkali Halide Cluster Ions	Jang Seongjae
104	Day 3	09:00-10:20	I-7	Poster	Fundamental MS and Gaseous Ion Chemistry	Discovery of incipient α - and β -carbon centered glycytyrosylglycine radical cationic isomers	jiixin jiang

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105	Day 1	09:00-10:20	J-1	Poster	Glycomics	Structural Diversity of Immunogenic Glycans in Pigs, Monkeys, and Humans: Implications for Xenotransfusion	Ji Eun Park
106	Day 1	09:00-10:20	J-2	Poster	Glycomics	Characterization of N-glycopeptide using free radical-initiated peptide sequencing(FRIPS) mass spectrometry reagent	hagyeong hwang
107	Day 2	09:00-10:20	K-1	Poster	Imaging MS	The improvement of mass image quality by a machine-learning model made by scanning electron microscope and its application to statistical analysis.	Takaya Satoh
108	Day 2	09:00-10:20	K-2	Poster	Imaging MS	SpatialOMx analysis allows for the specific identification of lipid species paving the way for accurate flux analysis	Pengfei Li
109	Day 2	09:00-10:20	K-3	Poster	Imaging MS	Tumor heterogeneity of glioblastoma analyzed via SpatialOMx and HiPLEX-IHC	LeeKwangSeon
110	Day 2	09:00-10:20	K-4	Poster	Imaging MS	HiPLEX-IHC MALDI Imaging of FFPE Kidney tissue at 5µm utilizing microGRID on timsTOF fleX MALDI-2	Takashi Nirasawa
111	Day 2	09:00-10:20	K-5	Poster	Imaging MS	Software Workflow and Statistical Analysis Tools for Evaluating Multiomics MALDI MSI Studies	Wen Donq Looi
112	Day 2	09:00-10:20	K-6	Poster	Imaging MS	Study on the Distribution of Nano-Bio Materials in a 3D Spheroid Model Using Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging (MALDI-MSI)	Sohee Yoon
113	Day 2	09:00-10:20	K-7	Poster	Imaging MS	Effect of Probe Oscillation Frequency on Mass Spectrometry Imaging of Mouse Brain Sections by t-SPESI	Mengze Sun
114	Day 2	09:00-10:20	K-8	Poster	Imaging MS	MSIViewer : Development of Mass Spectrometry Imaging Analysis Software	Haegyeong Kim
115	Day 2	09:00-10:20	K-9	Poster	Imaging MS	Secondary ion mass spectrometry imaging of lipids and proteins in cell membranes	Heejin Lim
116	Day 2	09:00-10:20	K-10	Poster	Imaging MS	Mass Imaging-Based Measurement of Lipid Changes in the mouse model of 6-Hydroxydopamine-induced Parkinson's disease	손현경
117	Day 2	09:00-10:20	K-11	Poster	Imaging MS	Mass spectrometry imaging studies of lipid changes in drosophila heads in a model of amyotrophic lateral sclerosis using time-of-flight secondary ion mass spectrometry	Jin Gyeong Son
118	Day 2	09:00-10:20	K-12	Poster	Imaging MS	Imaging Mass Spectrometry: A Novel Approach to Study Lipid Profile Changes in Depression Models	Seung Bin Lee
119	Day 1	09:00-10:20	L-1	Poster	Ion mobility & spectroscopy	Quantification and Identification for the One-Pot Synthesis of N Linked Oligosaccharides anomers using Ion Mobility-Mass Spectrometry	yichi ho
120	Day 1	09:00-10:20	L-2	Poster	Ion mobility & spectroscopy	A Study of Expanded Polystyrene Photodegradation Products in Aquaculture. CCS-based Identification and Developing a Collision Cross-Section Database	SULTONOV RAKHMAT NIGMATOVICH
121	Day 1	09:00-10:20	L-3	Poster	Ion mobility & spectroscopy	PCA analysis of liquid chromatography ion mobility mass spectrometry data for classification of hypertensive disorders	Riko Takata
122	Day 1	09:00-10:20	L-4	Poster	Ion mobility & spectroscopy	Study on Effect of Amino Acid Sequences on Retention Time of Peptides	Raisul Awal Mahmood
123	Day 1	09:00-10:20	L-5	Poster	Ion mobility & spectroscopy	Field-asymmetry ion mobility spectrometry	Jinyoung Bae
124	Day 1	09:00-10:20	L-6	Poster	Ion mobility & spectroscopy	Molecular conformation elucidated by high-resolution IR resonant VUV-MATI mass spectrometer	Sung Man Park
125	Day 1	09:00-10:20	L-7	Poster	Ion mobility & spectroscopy	Cationic structures of difluoropyridine derivatives explored by high-resolution VUV-MATI mass spectrometer	Hyojung Kim
126	Day 1	09:00-10:20	L-8	Poster	Ion mobility & spectroscopy	Formation of Alkali-Halide Cluster Ions with Aza-Crown Ethers	김윤진
127	Day 1	09:00-10:20	L-9	Poster	Ion mobility & spectroscopy	Distinguishing Protein Chemical Topologies Using Supercharging Ion Mobility Spectrometry-Mass Spectrometry	Jiyeon Lee
128	Day 1	09:00-10:20	L-10	Poster	Ion mobility & spectroscopy	Untangling Pathways of RNA Hairpins in Gaseous Phase Investigated using Ion Mobility Spectrometry-Mass Spectrometry	IM DAHYE
129	Day 1	09:00-10:20	L-11	Poster	Ion mobility & spectroscopy	Structures of Cadmium Complexes with Hydrophilic Bifunctional Thiols in the Gas Phase	Yunseop Choi
130	Day 1	09:00-10:20	L-12	Poster	Ion mobility & spectroscopy	Elucidating the Impact of Alkali Metal Size on Cyclodextrin Aggregation using Ion Mobility Spectrometry-Mass Spectrometry	Ahn Yunyoung

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131	Day 1	09:00-10:20	L-13	Poster	Ion mobility & spectroscopy	Separation of Protomers by Cucurbit[7]uril Complexation	Kim Hyerim
132	Day 1	09:00-10:20	L-14	Poster	Ion mobility & spectroscopy	New Approach for Identifying Phosphorylation Sites: Cryogenic Ion Spectroscopy of a Tryptic Peptide of Janus Kinase 3	JangHan Kwon
133	Day 1	09:00-10:20	M-1	Poster	Lipidomics	The role of specialized pro-resolving mediators in the pathogenesis of antiphospholipid antibody syndrome	Jian Jing-Fang
134	Day 1	09:00-10:20	M-2	Poster	Lipidomics	Top-down lipid analysis of serum exosomes from patients with cholangiocarcinoma by FIFFF-ESI-MS/MS	HYEJU YU
135	Day 1	09:00-10:20	M-3	Poster	Lipidomics	Optimization of skin sampling for lipidomic analysis by nanoflow nUHPLC-ESI-MS/MS	Seunghee Shin
136	Day 1	09:00-10:20	M-4	Poster	Lipidomics	Lipid analysis of mitochondrial membrane-fraction by using nUHPLC-ESI-MS/MS	ZHENG JINGMEI
137	Day 1	09:00-10:20	M-5	Poster	Lipidomics	Lipidomic perturbations in lung, liver, and serum of Sars-CoV-2 mice by nUHPLC-ESI-MS/MS	이지영
138	Day 1	09:00-10:20	M-6	Poster	Lipidomics	Lipid alternation in the brain and spleen tissues of Sars-CoV-2 mice using nanoflow uHPLC-ESI-MS/MS	Hwan Gyu Park
139	Day 1	09:00-10:20	M-7	Poster	Lipidomics	Ultraviolet photodissociation (UVPD) mass spectrometry for structural characterization of lipids in biological matrices on chromatographic time scales	Jinyoung Bae
140	Day 1	09:00-10:20	M-8	Poster	Lipidomics	A Novel Quantitative Lipidomic Approach for 3D Cell Culture Using Deuterium Oxide Metabolic Labeling	김종현
141	Day 1	09:00-10:20	M-9	Poster	Lipidomics	A rapid detection method for the analysis of fatty acids in cell culture media using GCxGC HRMS/FID	전은지
142	Day 1	09:00-10:20	M-10	Poster	Lipidomics	Optimization of ceramide analysis method using ESI-Q-TOF/MS in cosmetics	Parksujin
143	Day 1	09:00-10:20	M-11	Poster	Lipidomics	Untargeted Lipidomics Investigations of Serum Coronas around Engineered Nanocarriers	Jang Gwi Ju
144	Day 1	09:00-10:20	M-12	Poster	Lipidomics	Lipidomic analysis of macrophages exposed to particulate matter	SuHyun Chae
145	Day 1	09:00-10:20	M-13	Poster	Lipidomics	Lipidomics Profiling of Aging-Related Changes in a Mouse Model Treated with the Herbal Formula "YM"	이슬기
146	Day 1	09:00-10:20	M-14	Poster	Lipidomics	The cerebrospinal fluid profiles of oxysterols in human using a highly selective and sensitive LC-ESI/MS/MS method with picolinyl ester derivatives	Lee Ha-Yeon
147	Day 1	09:00-10:20	M-15	Poster	Lipidomics	The application of stable isotope [¹³ C ₁₆]palmitic acid analysis and liquid chromatography-mass spectrometry-based lipidomics approach on HepG2 cells under hypoxia and autophagy conditions	張承裕
148	Day 1	09:00-10:20	M-16	Poster	Lipidomics	Darapladib, an inhibitor of Lp-PLA2, sensitizes cancer cells to ferroptosis by remodeling lipid metabolism	Seoyoung Jang
149	Day 1	09:00-10:20	M-17	Poster	Lipidomics	Serum Lipidomic Profiling for Identifying Predictive and Diagnostic Markers in Pregnant Women with Gestational Diabetes Mellitus	Jinhaeng Lee
150	Day 1	09:00-10:20	N-1	Poster	Metabolomics	Investigating the Effects of Extreme Environments on Metabolite Profiles of Antarctic Mosses Using UPLC Cyclic Ion Mobility QTOF Mass Spectrometry	Naznin Marufa
151	Day 3	09:00-10:20	N-2	Poster	Metabolomics	Comparative Anesthesia Metabolomics Analysis by Data-Independent Acquisition SWATH-MS: The Example of Patients Undergoing Total Knee Replacement	Yuan Chen
152	Day 1	09:00-10:20	N-3	Poster	Metabolomics	Analysis of Metabolites Altered by POPs Levels on Vitamin D Activity Using UHPLC-MS	jiseo park
153	Day 3	09:00-10:20	N-4	Poster	Metabolomics	Investigation of the Plasma Metabolic Profile of Sarcomas Patients after Surgical Removal	JAEHWA LEE
154	Day 2	09:00-10:20	N-5	Poster	Metabolomics	Simple and Sensitive Analysis for Hair Components by MALDI/MS	Riko Takata
155	Day 3	09:00-10:20	N-6	Poster	Metabolomics	Novel LC-MS-based targeted metabolomics methodology for cells, biofluids, and tissues	Wan-Rou Liao
156	Day 3	09:00-10:20	N-7	Poster	Metabolomics	¹³ C-metabolic flux analysis of central carbon metabolism of industrial budding yeast strains using GC-MS	Fumio Matsuda

No	Date of publication	Presentation time	Poster number	Presentation	Topics	Title	Name
157	Day 3	09:00-10:20	N-8	Poster	Metabolomics	Development of 13C-metabolic flux analysis of neutrophil central carbon metabolism using GC-MS	Takeo Taniguchi
158	Day 3	09:00-10:20	N-9	Poster	Metabolomics	A Semi-Targeted Tribrid Method Template for Combining Ion Trap and Orbitrap Analysis for single run Qualitative and Quantitative Metabolomics Results	Jinyoung Bae
159	Day 2	09:00-10:20	N-10	Poster	Metabolomics	Simultaneous Quantitation and Discovery (SQUAD) metabolomics workflow implementing parallel analysis on Thermo Ascend Tribrid instrument	Jinyoung Bae
160	Day 1	09:00-10:20	N-11	Poster	Metabolomics	Simultaneous Quantitation and Discovery SQUAD metabolomics an intelligent combination of targeted and untargeted workflows using a novel mass spectrometer	Jinyoung Bae
161	Day 1	09:00-10:20	N-12	Poster	Metabolomics	Molecular networking-guided isolation strategy of a new C-glycosyl flavone rotamer from <i>Stellaria alsine</i> and evaluation of anti-inflammatory and antioxidant activities	유수정
162	Day 3	09:00-10:20	N-13	Poster	Metabolomics	Optimizing CE-MS/MS and GC-MS/MS analysis of intermediate metabolites in biological samples	MIN-SUN KIM
163	Day 3	09:00-10:20	N-14	Poster	Metabolomics	Metabolic Profiling of Cerebrospinal Fluid of Patients with Parkinson's Disease to Investigate the Mechanisms of Action of Transcranial Direct Current Stimulation (tDCS) Treatment	Mira Choi
164	Day 3	09:00-10:20	N-15	Poster	Metabolomics	A comparative study of plasma and dried blood spot metabolomics and its application to diabetes mellitus	Huai-Hsuan Chiu
165	Day 3	09:00-10:20	N-16	Poster	Metabolomics	Investigation on thyroid hormone disruption and reproductive dysfunction in zebrafish exposed to perchlorate using LC-MS/MS	Jangjae Lee
166	Day 3	09:00-10:20	N-17	Poster	Metabolomics	Evaluation of critical factors in biological sample preparation to consider for metabolomics	남미소
167	Day 3	09:00-10:20	N-18	Poster	Metabolomics	Inhibition of TNBC Metastasis and Metabolic Alterations Using Protease-Targeted Enzyme Inhibitors	Bong, Seong-Hun
168	Day 3	09:00-10:20	N-19	Poster	Metabolomics	Development of a Targeted Metabolomics Method for Environmental Toxicants Using Mass Spectrometry	Inemesid Etuk
169	Day 3	09:00-10:20	N-20	Poster	Metabolomics	Application of a hybrid zwitterionic HILIC tandem mass spectrometry for simultaneous cellular redox and energy state determination in re-oxygenated cardiomyocytes	Yi-Chin Li
170	Day 2	09:00-10:20	N-21	Poster	Metabolomics	Development of a sensitive liquid chromatography-triple quadrupole mass spectrometry method for analyzing gut microbiota-derived metabolites in human plasma	HSU, HSIU-CHING
171	Day 2	09:00-10:20	N-22	Poster	Metabolomics	Exploring Potential Gut Microbiota-Associated Metabolites in Chronic Kidney Disease Using Liquid Chromatography Tandem Mass Spectrometry and Metagenomic Sequencing	Shu-Mei Chi
172	Day 3	09:00-10:20	N-23	Poster	Metabolomics	LC-MS Based Metabolic Global Profiling Using Biofluid from Obese and Non-Obese Subjects	Kim Ji-Young
173	Day 1	09:00-10:20	N-24	Poster	Metabolomics	Integrated omics reveals the therapeutic effect of Bojungikgi-tang on atopic dermatitis mice fed a low aryl hydrocarbon receptor ligand diet	YouMee Ahn
174	Day 3	09:00-10:20	N-25	Poster	Metabolomics	Metabolomic and lipidomic profiling of AMPK activation in high-fat diet-induced NASH mice using LC-MS	Yeajin Ju
175	Day 3	09:00-10:20	N-26	Poster	Metabolomics	Integration of metabolomics and transcriptomics reveals metabolic dysregulation in hamster infected by Covid-19 variant viruses	Lee Sunho
176	Day 1	09:00-10:20	N-27	Poster	Metabolomics	Metabolomic and lipidomic pProfiling of aortic tissues from ApoE-/-mice Reveals Altered Lipid and Polar Metabolites in Diabetes-Induced to diabetic aAtherosclerosis: Insights from an LC-MS Study on Aorta Metabolism in ApoE-/- MiceMetabolic	신유림
177	Day 3	09:00-10:20	N-28	Poster	Metabolomics	Metabolomics Study of Metabolites in Type 2 Diabetes Mouse Model Kidney	Hyun Ji Lim
178	Day 2	09:00-10:20	N-29	Poster	Metabolomics	LC-MS based Metabolomic Analysis in the liver tissue of mouse infected with Covid-19	배예진
179	Day 3	09:00-10:20	N-30	Poster	Metabolomics	Comparison of AA and FA additives for improved quantitative and qualitative metabolic profiling with liquid chromatography-mass spectrometry.	MANYOUNG JO
180	Day 1	09:00-10:20	N-31	Poster	Metabolomics	Gyejibongnyeong-hwan ameliorates hypercholesterolemia via the gut microbiota-bile acid axis modulation in Western diet-induced obesity mice	이소민
181	Day 1	09:00-10:20	O-1	Poster	MS in metrology	Quantification of OATP1B endogenous metabolites coproporphyrin I and III in human urine	Yeonseo Jang
182	Day 1	09:00-10:20	O-2	Poster	MS in metrology	Targeted approach for rapid and simultaneous evaluation of antiepileptic medications in human serum by liquid chromatography-tandem mass spectrometry	Mariam Mahmoud
183	Day 1	09:00-10:20	P-1	Poster	MS instrumentation	Depth Profiling Study on TAPC Monolayer by using Ar-GCIB and LDI ToFMS	Ji Young Beak

No	Date of publication	Presentation time	Poster number	Presentation	Topics	Title	Name
184	Day 1	09:00-10:20	P-2	Poster	MS instrumentation	MAXTOF 2, a comprehensive tool that determines optimal instrument dimensions and parameters for MALDI-LTOF mass spectrometer	KoKeng Chang
185	Day 1	09:00-10:20	P-3	Poster	MS instrumentation	Sample Preparation for LC-MS Simplified: Developing an Automated Robotic System with 3D Printing Technology	Hwa-yong Jang
186	Day 1	09:00-10:20	P-4	Poster	MS instrumentation	Development of a multi-turn time-of-flight mass spectrometer with a medium vacuum chemical ionization source for the comprehensive on-site real-time measurement of volatile organic compounds	Yosuke Kawai
187	Day 1	09:00-10:20	P-5	Poster	MS instrumentation	Development of Thermal Gravimetric Analyzer Mass Analysis System	진병권
188	Day 1	09:00-10:20	P-6	Poster	MS instrumentation	Optimization of Mass Spectrometry for Ion-Molecule Reaction: A Pressure and Velocity Manipulation Approach	Seontae Kim
189	Day 1	09:00-10:20	P-7	Poster	MS instrumentation	Acoustic Ejection Mass Spectrometry for high-throughput metabolite quantification for synthetic biology	Venkatesha gaddemane
190	Day 2	09:00-10:20	Q-1	Poster	Natural Products	Discovery and function of proteins in frog foam nests	Yasushi Shigeri
191	Day 2	09:00-10:20	Q-2	Poster	Natural Products	Identification and quantification of bacterial peptides in genera Photorhabdus and Xenorhabdus using liquid chromatography-tandem mass spectrometry	Ji-Seon Jeong
192	Day 2	09:00-10:20	Q-3	Poster	Natural Products	Separation and identification of volatile components in 20 traditional herbal medicine prescriptions by headspace-solid phase microextraction-gas chromatography-tandem mass spectrometry (HS-SPME-GC-MS/MS)	Han, Sang Beom
193	Day 2	09:00-10:20	R-1	Poster	New directions and developments in MS	Development of predicted mass spectrum for electron ionization method by machine learning and qualitative analysis method	Kenji Nagatomo
194	Day 2	09:00-10:20	R-2	Poster	New directions and developments in MS	Unknown compounds identifications in polymer material using with a Py-GC-HRTOFMS system and automatic structure analysis by machine learning	Takao Fukudome
195	Day 2	09:00-10:20	R-3	Poster	New directions and developments in MS	Development of a Femtosecond Laser Desorption/Ionization Time-of-Flight Mass Spectrometer Based on Ion Trajectory Simulation	王健仲
196	Day 2	09:00-10:20	R-4	Poster	New directions and developments in MS	Impurity Analysis in OLED Materials by LDI TOF MS Imaging with a Microscope	Song Byeong Heon
197	Day 2	09:00-10:20	R-5	Poster	New directions and developments in MS	Analysis of organic molecule distribution using Orbitrap/TOF Hybrid SIMS	성지영
198	Day 2	09:00-10:20	R-6	Poster	New directions and developments in MS	Capture of Hydroxyl Radicals by Hydronium Cations and the Spontaneous Oxidation of I ⁻ in Water Microdroplets	Xing Dong
199	Day 2	09:00-10:20	S-1	Poster	Proteomics and PTM	Enzyme-based marking of proteome structures (EZMAP) to identify structural features of the proteome	Kosuke Ogata
200	Day 2	09:00-10:20	S-2	Poster	Proteomics and PTM	Endo-lysosomal regulation of microglial extracellular vesicles in Alzheimers disease	Youngshik Choe
201	Day 2	09:00-10:20	S-3	Poster	Proteomics and PTM	SWATH-based comparative proteomic analysis of rice aroma mutants	Cheng-Yu Kuo
202	Day 2	09:00-10:20	S-4	Poster	Proteomics and PTM	Comparative proteomic analysis reveals the different hepatotoxic mechanisms of human hepatocytes exposed to silver nanoparticles	Wong Tin Yan
203	Day 2	09:00-10:20	S-5	Poster	Proteomics and PTM	Targeted proteomics of Lipomyces starkeyi using nano-LC-MS/MS	Iwakura Takafumi
204	Day 2	09:00-10:20	S-6	Poster	Proteomics and PTM	Solution-stabilized TMT & TMTpro reagents in 96-well plates for high-throughput sample processing	Jinyoung Bae
205	Day 2	09:00-10:20	S-7	Poster	Proteomics and PTM	A Benchmarking Workflow for High-Throughput DIA Label-Free Quantification using a Novel High-Resolution Accurate Mass Platform	Jinyoung Bae
206	Day 3	09:00-10:20	S-8	Poster	Proteomics and PTM	An in-depth plasma proteomics workflow powered by a Novel HRAM mass spectrometer	Jinyoung Bae
207	Day 3	09:00-10:20	S-9	Poster	Proteomics and PTM	High-throughput proteomics on a novel high-resolution accurate mass (HRAM) platform	Jinyoung Bae
208	Day 2	09:00-10:20	S-10	Poster	Proteomics and PTM	Long-distance signaling roles of plant peptide hormones and their mimic peptides from root-knot nematodes	Kuan-Hao, Huang
209	Day 2	09:00-10:20	S-11	Poster	Proteomics and PTM	Generation of spectral libraries for children allergic diseases studies	hwangkyo jeong
210	Day 3	09:00-10:20	S-12	Poster	Proteomics and PTM	Identification of the novel progression factors associated with metastasis in renal cell carcinoma through global proteomics	조효제

No	Date of publication	Presentation time	Poster number	Presentation	Topics	Title	Name
211	Day 3	09:00-10:20	S-13	Poster	Proteomics and PTM	Investigating the modulatory effects of dimethyl fumarate on mesenchymal stem cells using mass spectrometry-based proteomics	Maryam
212	Day 3	09:00-10:20	S-14	Poster	Proteomics and PTM	Comprehensive proteomic analysis of protein corona and cellular responses in A549 cells by multi-walled carbon nanotubes with BSA	Sun Young Lee
213	Day 2	09:00-10:20	S-15	Poster	Proteomics and PTM	Proteomic analysis of human tissue and organoids derived from hepatocellular carcinoma	Ye Eun Park
214	Day 3	09:00-10:20	S-16	Poster	Proteomics and PTM	Optimization of Trypsin Digestion Conditions for Enhanced Protein Identification in Bottom-Up Proteomics via Mass Spectrometry	SongHaneul
215	Day 2	09:00-10:20	S-17	Poster	Proteomics and PTM	Novel online multidimensional liquid chromatography (MDLC) approaches for enhanced mass spectrometry (MS)-based omics analyses	LU Chao
216	Day 2	09:00-10:20	S-18	Poster	Proteomics and PTM	Discovery of the prognostic proteomic signatures for patients under general anesthesia using SWATH-MS approach	Yu-ming Hsu
217	Day 3	09:00-10:20	T-1	Poster	Structural Biology MS	Spike Protein RBDs of SARS-CoV-2 Variants and their Interactions with Neutralizing Antibodies: Conformational Dynamics Revealed by Hydrogen/Deuterium Exchange Mass Spectrometry	Qinyu Jia
218	Day 3	09:00-10:20	T-2	Poster	Structural Biology MS	Structure comparison of structured protein and intrinsically disordered proteins in H ₂ O and D ₂ O using IM-MS	손영국
219	Day 3	09:00-10:20	T-3	Poster	Structural Biology MS	Characterization of Adeno-associated viral proteins and related proteoforms using top-down approach on a LC-Orbitrap Tribrid MS platform	Jinyoung Bae
220	Day 2	09:00-10:20	U-1	Poster	Ultrahigh Resolution MS	Non-targeted Analysis (NTA) of Natural Organic Matter in Marine Sediments and Water samples Using Ultra-High Resolution Mass Spectrometry	Imran Shafique
221	Day 2	09:00-10:20	U-2	Poster	Ultrahigh Resolution MS	Identifying photodegradation products of polypropylene and building a degradation products database	JeongEun Yeon
222	Day 2	09:00-10:20	U-3	Poster	Ultrahigh Resolution MS	Discovery of high carbon number biomarkers in crude oil and source rock	Yehua Han
223	Day 3	09:00-10:20	V-1	Poster	Others	Structural analysis at the early stage of UV degradation of polyethylene terephthalate by reactive-pyrolysis GC-TOFMS and MALDI-TOFMS.	Takaya Satoh
224	Day 3	09:00-10:20	V-2	Poster	Others	The introduction of Combustion and flame beamline of NSRL	Minggao XU
225	Day 3	09:00-10:20	V-3	Poster	Others	Study the Effect of Cationization Reagents on Generation of Ultra-High Molecular Weight Polystyrene MALDI Ions	Avinash Patil
226	Day 3	09:00-10:20	V-4	Poster	Others	Cross-species Peptidomic Analyses: An Evolutionarily Conserved Long-distance Mobile Peptide Regulates Lignin Biosynthesis and Plant Immunity	Ying-Lan Chen
227	Day 3	09:00-10:20	V-5	Poster	Others	Automating dwell time determination to increase the efficiency of highly multiplexed SRM method refinement	Jinyoung Bae
228	Day 3	09:00-10:20	V-6	Poster	Others	Improvement of High Precision Al-Mg Isotope Analysis by SIMS and Application to Meteoritic Chondrules	Kohei Fukuda
229	Day 3	09:00-10:20	V-7	Poster	Others	Comparative Analysis of Optimal Pretreatment Methods for Improving Ru Recovery Rate using ICP-OES	Jung Ju Chan
230	Day 3	09:00-10:20	V-8	Poster	Others	A preliminary study on the development of background materials for chemical pre-treatment process in radiocarbon dating	Youngeun Kim
231	Day 3	09:00-10:20	V-9	Poster	Others	Optimization of Acid Hydrolysis Conditions for Study of Pretreatment Conditions for Radiocarbon Dating of Carbonates using Accelerator Mass Spectrometry (AMS)	Sujin Park
232	Day 3	09:00-10:20	V-10	Poster	Others	Study of Pre-treatment method with Silk Fabrics for Radiocarbon Dating Using the AMS: with Modern Samples	Min-Ji Kong
233	Day 3	09:00-10:20	V-11	Poster	Others	Analysis of Proteomic Responses in Zebrafish (Danio rerio) Embryos Following Exposure to Benzyl Benzoate	Young Sang Kwon
234	Day 3	09:00-10:20	V-12	Poster	Others	Sex-specific effects of bisphenol S with tissue-specific responsiveness in adult zebrafish: The antiandrogenic and antiestrogenic effects	Dae-Wook Kim
235	Day 3	09:00-10:20	V-13	Poster	Others	Development and Validation of the Analytical Method for Acepromazine, Lidocaine and metabolite 2, 6-xyldine in cow and pig tissues using QuEChERS and LC-MS/MS	Jongwook song
236	Day 3	09:00-10:20	V-14	Poster	Others	Assessing Skin Permeation of Benzalkonium Chloride on Porcine Skin: A Comparative Study	Suin Jeon
237	Day 3	09:00-10:20	V-15	Poster	Others	Laser desorption ionization time of flight mass spectrometry for small molecules using matrix incorporated polydopamine layer	kyoungbin

No	Date of publication	Presentation time	Poster number	Presentation	Topics	Title	Name
238	Day 3	09:00-10:20	V-16	Poster	Others	The Instrument and Application of Ultraviolet Laser Dissociation-Structural Mass Spectrometry	Fangjun Wang
239	Day 3	09:00-10:20	V-17	Poster	Others	Analysis method development of nucleic acid based drug using LC and LC/MS	Sujin Lee