

포스터 번호	카테고리	포스터 제목	발표자	발표자 소속	작성자	작성자 소속
P-001	1. Fundamental & Instrumentation	Building a miniature digital rectilinear ion trap mass spectrometer	Munshi Md Musleh Uddin	Sogang University	무솔레	
P-002	1. Fundamental & Instrumentation	A comprehensive evaluation on the potential of human gut-microbiota species based on untargeted metabolomic profiling from mice with liver cirrhosis	o	o	o	
P-003	1. Fundamental & Instrumentation	An open source fully automated pretreatment robot for mass spectrometry laboratory and its applications	장화용	서강대학교	장화용	서강대학교
P-004	1. Fundamental & Instrumentation	Trapping Alkali Metal-Halide Cluster Ions in the Cucurbit[n]uril Cavity Investigated by Ion Mobility-Mass Spectrometry	이지연	포항공과대학교	이지연	
P-005	1. Fundamental & Instrumentation	Supercharging ESI-IM-MS for Investigating Protein Topology	이지연	포항공과대학교	이지연	
P-006	1. Fundamental & Instrumentation	Cucurbit[7]uril Aggregates in the Gas Phase Investigated by Ion mobility-mass spectrometry	장성재	포항공과대학교	장성재	포항공과대학교
P-007	1. Fundamental & Instrumentation	ESI/X-ray Chamber Instrumentation Compatible for XFEL Beamline for Studying Droplet Size-Dependent Molecular Behavior in the Charged Nanodroplets	박상황	포항공과대학교	박상황	포항공과대학교
P-008	1. Fundamental & Instrumentation	Kinetics Study of Base-Catalyzed H/D Exchange in the Alkylpyridium Cation	최윤섭	포항공과대학교	최윤섭	포항공과대학교
P-009	2. Mass Spectrometry in Elemental Analysis	In-depth Proteome Analysis of Brain Tissue from Ewsr1 Knockout Mouse by Multiplexed Isobaric Tandem Mass Tag Labeling	정진우	서울대학교병원	정진우	서울대학교병원
P-010	2. Mass Spectrometry in Elemental Analysis	Compound 800, a Natural Product Isolated from Genetically Engineered Pseudomonas: Proposed Structure	윤형선	순천향대학교	윤형선	순천향대학교
P-011	2. Mass Spectrometry in Elemental Analysis	Analysis of Inorganic Elements of SiC using fsLA-ICP-MS	최성화	한국과학기술연구원	최성화	
P-012	2. Mass Spectrometry in Elemental Analysis	Exploration of the Unknown Compounds Formed in the Reaction of 2,4-DNPH Derivatization of Aldehydes using LC-MS/MS	강대훈	서강대학교	강대훈	서강대학교
P-013	2. Mass Spectrometry in Elemental Analysis	Comparison of GC-MS Analyses for Fuel Oil Combustion Gases using Thermal Desorption (TD) Tubes and SPME	이한별	서강대학교	이한별	서강대학교
P-014	2. Mass Spectrometry in Elemental Analysis	Size Determination of Iron Oxide Nanoparticles Using Single Particle ICP-MS	심지민	단국대학교 천안캠퍼스	심지민	단국대학교 천안캠퍼스
P-015	2. Mass Spectrometry in Elemental Analysis	Development of Isotope Dilution-liquid Chromatography/tandem Mass Spectrometry as a Candidate Reference Method for the Accurate Determination of Patulin in Apple Products	Mohamed A. Gab-Allah	KRISS	모하메드	
P-016	2. Mass Spectrometry in Elemental Analysis	Development of Isotope Dilution-Liquid Chromatography/Tandem Mass Spectrometry (ID-LC/MS/MS) for the Accurate Determination of Zearalenone and its major Metabolites in Grains	Yared Getachew	KRISS	아레드	KRISS
P-017	2. Mass Spectrometry in Elemental Analysis	Developing Isotope Dilution Liquid Chromatography Tandem Mass Spectrometry for the Analysis of Vitamin B12 in Infant Formula	유현우	KRISS	유현우	KRISS
P-018	2. Mass Spectrometry in Elemental Analysis	Software for the Identification of Unknown Controlled Substances and New Psychoactive Substances Through the LC-MS/MS Machine Learning Models and the Hybrid Similarity Search Algorithm	이소연	서강대학교	이소연	서강대학교
P-019	2. Mass Spectrometry in Elemental Analysis	Characterization and Study on Fragmentation Pathways of a Novel Nerve Agent, 'Novichok(A234)', in Aqueous Solution by Liquid chromatography-Tandem Mass Spectrometry	이진영	국방과학연구소	이진영	국방과학연구소 Chem-Bio기술센터
P-020	2. Mass Spectrometry in Elemental Analysis	Comparison and Identification of the Fragmentation Patterns and Structures for Phosphodiesterase-5 Inhibitor Analogues Adulterated in the Dietary Supplements using LC-QTOF-MS	김남숙	식품의약품안전평가원	김남숙	식품의약품안전평가원
P-021	2. Mass Spectrometry in Elemental Analysis	Liquid Chromatography Mass Spectrometry Analysis of Urinary Metabolites from Miscarriage/Pre-term Cases	유원준	유원준	유원준	서강대학교
P-022	2. Mass Spectrometry in Elemental Analysis	Ultra Performance Liquid Chromatography - Mass Spectrometry Based Simultaneous Determination of 37 Lipids Metabolites and Bio-profiling in Human Serum with Asthma	이혜진	덕성여자대학교	이혜진	덕성여자대학교
P-023	2. Mass Spectrometry in Elemental Analysis	Detection of Multiply Charged Protein Ions Using MALDI TOF MS	윤강석	충남대학교	윤강석	충남대학교
P-024	2. Mass Spectrometry in Elemental Analysis	lasma Proteome Profiling for Discriminating Major Depressive Disorder and Bipolar Disorder by Data Independent Acquisition Mass Spectrometry	차효경	서울대학교병원 의학연구혁신센터	차효경	

P-025	2. Mass Spectrometry in Elemental Analysis	Evaluation of the Selective Inhibition of Obtusifolin Against CYP 1A2 Using LC-MS/MS	박은지	경북대학교	김기영	경북대학교
P-026	2. Mass Spectrometry in Elemental Analysis	Simultaneous Determination of Six Anthelmintic Residues in Animal and Fishery Products using LC-MS/MS	최연재	건국대학교	최연재	건국대학교
P-027	2. Mass Spectrometry in Elemental Analysis	Phytochemical analysis of flavonoids, bioflavonoids and diterpenes in Podocarpus macrophyllus based on LC-DAD quantification and LC-ESI-QTOF-MS/MS profiling	안정준	순천대학교	안정준	순천대학교
P-028	2. Mass Spectrometry in Elemental Analysis	Phytochemical analysis of Spirulina Using a UPLC-DAD-ESI-QTOF-MS profiling	안정준	순천대학교	안정준	순천대학교
P-029	2. Mass Spectrometry in Elemental Analysis	Visualizing Organic Nanodevices by Combining Mass Spectrometry and Electron Microscopy	Kyun Seong Dae	Center for Research Equipment, Korea Basic Science Institute (KBSI)	대균 성	KBSI
P-030	2. Mass Spectrometry in Elemental Analysis	Quantification of α -Amanitin in Rat Plasma Using Liquid Chromatography-Quadrupole Time-Of-Flight Mass Spectrometric Method and its Application to Preclinical Pharmacokinetics	이지유	충남대학교	이지유	충남대학교
P-031	2. Mass Spectrometry in Elemental Analysis	The development of the quantitative analysis method for polyhexamethylene guanidine and oligo(2-(2-ethoxy)ethoxyethyl)guanidinium in a consumer chemical products using liquid chromatography-tandem mass spectrometry	문희현	서강대학교	문희현	서강대학교
P-032	2. Mass Spectrometry in Elemental Analysis	Untargeted Metabolomics Study on Sepsis Induced Liver Injury	Sanjita Paudel	Kyungpook National University	산지타 파우델	
P-033	2. Mass Spectrometry in Elemental Analysis	Non-matrix matched In Situ analysis of metal Alloys by Femtosecond Laser Ablation Inductively Coupled Plasma Mass Spectrometer	이호선	부산대학교	이호선	부산대학교
P-034	2. Mass Spectrometry in Elemental Analysis	The effect of inexact matching in double isotope dilution inductively coupled plasma mass spectrometry for elemental mass fraction measurements	Tegegn Gizachew Betru	KRISS	Tegegn Gizachew Betru	KRISS
P-035	2. Mass Spectrometry in Elemental Analysis	Discovery of new factors related to the progression of castration-resistant prostate cancer through global comparative proteome analysis in human prostate cancer tissues	최소영	경북대학교	최소영	경북대학교
P-036	2. Mass Spectrometry in Elemental Analysis	Exploring the connection between secondary metabolomics and the phylogenetic divergences of the genus Panax using UPLC-QTOFMS followed by stepwise PLS-DA	윤지현	서울대학교 약학대학 약품분석실	윤지현	
P-037	2. Mass Spectrometry in Elemental Analysis	Metabolomic analysis of probiotics-cultured media with inhibitory effects on colorectal cancer	박영재	서울대학교	박영재	서울대학교
P-038	2. Mass Spectrometry in Elemental Analysis	Development of screening for 50 fentanyl analogues by gas chromatography-mass spectrometry (GC-MS) and gas chromatography-tandem mass spectrometry (GC-MS/MS)	서수민	중앙대학교	서수민	중앙대학교
P-039	2. Mass Spectrometry in Elemental Analysis	Aflibercept characterization by Quadrupole Time-of-Flight (Q-TOF)	이혜민	경기도경제과학진흥원	이혜민	경기도경제과학진흥원
P-040	2. Mass Spectrometry in Elemental Analysis	Effect-Directed Analysis (EDA) for Target and Non-Target Analysis of Household Disinfectant Products Using Liquid Chromatography-High Resolution Mass Spectrometry (LC-HRMS)	Raees Ahmad	Kyungpook National University	라이스 아하마드	Kyungpook National University
P-041	2. Mass Spectrometry in Elemental Analysis	Stereoselective and Differential Analysis for Thyroxine(T4) Enantiomers on Chiral Crown Ether Column Using Ultra High-Performance Liquid Chromatography-Tandem Mass Spectrometry(UHPLC-MS/MS)	이지선	덕성여자대학교	이지선	덕성여자대학교
P-042	2. Mass Spectrometry in Elemental Analysis	High Resolution Mass Spectrometry Assisted Polyphenolic Profiling and Biological Activities of Nypa fruticans Wurm. Extracts	Naznin Marufa	Kyungpook National University	Naznin Marufa	Kyungpook National University
P-043	2. Mass Spectrometry in Elemental Analysis	Ultra High-Performance Liquid Chromatography-Tandem Mass Spectrometry(UHPLC-MS/MS) based Stereoselective Determination for Thyroxine(T4) Enantiomers on Chiral Crown Ether Column	이지선	덕성여자대학교	이지선	덕성여자대학교
P-044	2. Mass Spectrometry in Elemental Analysis	An Investigation on the Determination of Inorganic Arsenics by Capillary Ion Chromatography Coupled with Inductively Coupled Plasma Mass Spectrometry	양선진	목포대학교	양선진	목포대학교 화학과
P-045	2. Mass Spectrometry in Elemental Analysis	Evaluation of Analytical Performances for Ultra-trace Levels of Pu and Am Isotopes by using MC-ICP-MS for Plutonium Age Dating	박난희	한국원자력연구원	박난희	한국원자력연구원
P-046	2. Mass Spectrometry in Elemental Analysis	LC-MS/MS Based High Throughput Screening for Discovery of Protein Inhibitors	배상현	한국기초과학지원연구원	배상현	한국기초과학지원연구원
P-047	2. Mass Spectrometry in Elemental Analysis	Tissue distribution, mass balance, and excretion study of radiolabeled polyvinyl chloride microplastics in mice	최민선	한국원자력의학원	최민선	한국원자력의학원
P-048	2. Mass Spectrometry in Elemental Analysis	Isotope Dilution Mass Spectrometry for Determination of Uranium Concentration by Quadrupole ICP-MS	최은주	한국원자력안전기술원	최은주	한국원자력안전기술원

P-049	2. Mass Spectrometry in Elemental Analysis	Mass Spectrometry Investigations of Lipids in the Biomolecular Coronas of High-density Lipoproteins on PEGylated Nanoparticles	김수현	가천대학교	김수현	가천대학교
P-050	2. Mass Spectrometry in Elemental Analysis	Development of Human Plasma Certified Reference Material for Determination of Major Electrolyte Elements	NORLIZA BAHAROM	KRISS	norliza binti baharom	KRISS
P-051	2. Mass Spectrometry in Elemental Analysis	Liquid Chromatography Triple Quadrupole Mass Spectrometry Method for Simultaneous Determination of Cypermethrin, Deltamethrin and Fipronil in Parasitocides	이재홍	농림축산검역본부	이재홍	농림축산검역본부
P-052	2. Mass Spectrometry in Elemental Analysis	Size sorting of extracellular vesicles and their lipidomic analysis using frit-inlet asymmetrical flow field-flow fractionation and nUHPLC-ESI-MS/MS	김영범	연세대학교	김영범	연세대학교
P-053	2. Mass Spectrometry in Elemental Analysis	TMT-based Quantitative Proteomic Analysis of the zebrafish larvae Exposed to Perfluorooctanesulfonic acid	성은지	경북대학교	성은지	
P-054	3. Food & Environment	Establishment of Kasugamycin and Validamycin A an Analysis Method in Rice Plants and Water using LC-MS/MS	강성훈	국립농산물품질관리원	강성훈	국립농산물품질관리원
P-055	3. Food & Environment	Establishment of Isotianil an Analysis Method in Soil, Water, and Rice Plants using GC-MS/MS	김혜영	국립농산물품질관리원	김혜영	국립농산물품질관리원
P-056	3. Food & Environment	Discrimination of geographical origin for dried red pepper using inductively coupled plasma-optical emission spectroscopy (ICP-OES) and Mass Spectrometry (ICP-MS): A multielement fingerprinting analysis of dried red pepper	허설혜	국립농산물품질관리원	허설혜	국립농산물품질관리원
P-057	3. Food & Environment	LC-Orbitrap MS Analysis of Boston Butt to Trace The Geographical Origin from Korea and Non-Korea	진다혜	국립농산물품질관리원	진다혜	국립농산물품질관리원
P-058	3. Food & Environment	Analysis of Fluroxypyr-meptyl in Soil using Liquid Chromatography-Tandem Mass Spectrometry	이득영	경상대학교	이득영	경상대학교
P-059	3. Food & Environment	Liquid Chromatography-Tandem Mass Spectrometric Analysis of Triclopyr-triethylamine in Soil	이득영	경상대학교	이득영	경상대학교
P-060	3. Food & Environment	Simultaneous Determination of 35 Veterinary Drugs in Pork, Chicken, and Bovine Using QuEChERS and LC-sMRM	김진희	단국대학교	김진희	단국대학교
P-061	3. Food & Environment	Evaluation of Multi-residue Analysis Method for Pesticides in Fish and Shrimp using LC-MS/MS	조혜진	경인지방식품의약품안전청	조혜진	경인지방식품의약품안전청 유해물질분석과
P-062	3. Food & Environment	Simultaneous Analysis of Selective Androgen Receptor Modulators in Dietary Supplements by UPLC and LC-QTOF/MS	조은정	경인지방식품의약품안전청	임지은	경인지방식품의약품안전청
P-063	3. Food & Environment	Validation of Analytical Method for Accurate Determination of Multi-mycotoxins in Red pepper using High-performance Liquid Chromatography-tandem Mass Spectrometry	최은혜	한국과학기술연구원	최은혜	한국과학기술연구원
P-064	3. Food & Environment	Development of Isotope Dilution LC-MS/MS based on Modified QuEChERS Method for Multi-residue Pesticides Analysis in Vegetables	정은아	한국표준과학연구원	정은아	한국표준과학연구원
P-065	3. Food & Environment	Structural Diversity of Fucose-containing Sulfated Polysaccharides using Negative Tandem Mass Spectrometry	이상길	충남대학교	이상길	충남대학교 분석과학기술대학원
P-066	3. Food & Environment	Simultaneous Identification of Cyclic Imines of Marine Biotoxins Using LC-MRM/MS	조희영	충남대학교	조희영	충남대학교
P-067	3. Food & Environment	Intact Characterization and Quantification of κ -Casein Variants using UHPLC/MS	김가현	충남대학교	김가현	충남대학교
P-068	3. Food & Environment	Development of MALDI-TOF Analytical Method for Prohibited Colorant in Tattoo Inks	김준형	식품의약품안전평가원	우연숙	식품의약품안전평가원
P-069	3. Food & Environment	Analysis of Germanium in Functional Rice using Inductively Coupled Plasma Mass Spectrometry	이유리	한국과학기술연구원	이유리	한국과학기술연구원
P-070	3. Food & Environment	Identification of Bacillus atrophaeus Spores Using MALDI-FT-ICR MS and Its Application to Investigate Sterilization Effect of UV Laser Irradiation	원미지	충남대학교	원미지	
P-071	3. Food & Environment	A Study on Volatile Methyl Siloxanes (VMSs) by Proton-Transfer-Reaction Time of Flight Mass Spectrometry	주시연	한국과학기술연구원	주시연	한국과학기술연구원
P-072	3. Food & Environment	Quantitative analysis for dihydrostreptomycin residue in swine urine by LC-MS/MS through amide column separation	박선진	농림축산검역본부		

P-073	3. Food & Environment	Quantitative analysis for the benzylpenicillin residue in swine urine using LC-MS/MS	박선진	농림축산검역본부		
P-074	3. Food & Environment	Quantitative Proteomics Reveals the Mechanism of Differential Stress Resistance of Pacific Oysters Depending on Their Zonal Distribution	송우영	광주과학기술원	송우영	광주과학기술원
P-075	3. Food & Environment	Compositional Characterization of Water-soluble Organic Aerosols Collected in Beijing, China and Gwangju, Korea	김민성	한국기초과학지원연구원	김민성	한국기초과학지원연구원
P-076	3. Food & Environment	Molecular Weight Distribution Analysis of Fish Collagen using GPC	유희진	한국기초과학지원연구원	유희진	한국기초과학지원연구원
P-077	3. Food & Environment	Proteomics Approaches in Paratuberculosis to Investigate Infection Patterns with Viral Hemorrhagic Septicemia Virus (VHSV)	강정훈	원광대학교	강정훈	원광대학교
P-078	3. Food & Environment	A Comprehensive Lipid Profiling of 36 Plant Oils and Determination of their Biofunctionality	박지영	서울대학교	박지영	서울대학교
P-079	3. Food & Environment	A Study on the Identification of Antibodies Using Spy-tag Technology by Prediction Peptide Antigen Candidates for Plant Viruses	이미기	경기도경제과학진흥원	이미기	경기도경제과학진흥원
P-080	3. Food & Environment	Monitoring of Preservatives in Children's Clay by HPLC-PDA and LC-MS/MS	이지수	울지대학교	이지수	울지대학교
P-081	3. Food & Environment	Comparative metabolomic evaluation of kimchi fermentation: unique metabolic features with representative strain-specificity	김유미	서울대학교	김유미	서울대학교
P-082	3. Food & Environment	Simultaneous determination of veterinary drugs conditionally allowed for residual in livestock and fishery products by liquid chromatography-tandem mass spectrometry	박소정	중앙대학교	박소정	중앙대학교
P-083	3. Food & Environment	Mass-spectrometric analysis of the biotransformants of estrogen disrupting chemicals and the metabolism in mouse liver organoid system	정다운	서울대학교	Dawoon Jung	서울대학교
P-084	3. Food & Environment	Development of Analysis Method Phthalate and Alternative Plasticizers Metabolites in Urine by LC-MS/MS System	유성환	울지대학교	유성환	울지대학교
P-085	3. Food & Environment	iTRAQ-based Quantitative Proteomics of Particulate Matter-induced Neurotoxic Effects on Neuroblastoma Cells using 2D-nLC-ESI-MS/MS	권현수	광주과학기술원	권현수	광주과학기술원
P-086	3. Food & Environment	Monitorings of Hexachlorobutadiene (HCBD) in Processed Foods	서수진	식품의약품안전평가원 오염물질과	서수진	식품의약품안전평가원 오염물질과
P-087	3. Food & Environment	Levels of 16 Legacy and 12 Emerging Per and polyfluoroalkyl substances (PFASs) in Human Serum from South Korea	김원영	울지대학교	김원영	울지대학교
P-088	3. Food & Environment	Improvement of Analytical Method of Polycyclic aromatic hydrocarbon metabolites (OH-PAHs) in Human Urine	송그림	울지대학교	송그림	울지대학교
P-089	3. Food & Environment	Characterization of Fine Particulate Matter-Bound Organic Compounds by High-Resolution Gas Chromatography-Mass Spectrometry	이장재	한국화학연구원	이장재	한국화학연구원
P-090	3. Food & Environment	Percutaneous Exposure Assessment of QACs in Consumer Chemical Products Using UHPLC-ESI-SRM/MS	이상탁	서강대학교	이상탁	서강대학교
P-091	3. Food & Environment	Comparison of Polycyclic Aromatic Hydrocarbon (PAHs) Contents In Coffee Brew Using Different Extraction Methods	이소정	울지대학교	이소정	울지대학교
P-092	4. Medical / Pharmaceutical Science	Metabolic Fingerprinting Uncovers the Distinction between the Phenotypes of Tuberculosis-Associated COPD and Smoking-Induced COPD	서종현	서울대학교병원	김다정	서울대학교병원
P-093	4. Medical / Pharmaceutical Science	Sulforaphane Downregulated TLR4 Signaling Through the Suppression of Oligomerization Process in a Thiol-Dependent Manner	윤형선	순천향대학교	윤형선	순천향대학교
P-094	4. Medical / Pharmaceutical Science	In vitro Metabolism Study of Seongsanamide A in Human Liver Microsomes Using Non-Targeted Metabolomics and Feature-Based Molecular Networking	오철학	경북대학교	오철학	경북대학교
P-095	4. Medical / Pharmaceutical Science	In vitro Metabolism Study of Seongsanamide A in Human Liver Microsomes Using Metabolomics and Molecular Networking	오철학	경북대학교	오철학	경북대학교
P-096	4. Medical / Pharmaceutical Science	A Study to Investigate Alteration of Endogenous Metabolites by Vitamin D3 in Elderly Volunteers	김경민	경북대학교	김경민	경북대학교

P-097	4. Medical / Pharmaceutical Science	Untargeted Metabolic Profiling to Identify the Endogenous Metabolites Alterations by Phthalates and Bisphenol A Exposure in Healthy Koreans	이재화	경북대학교	이재화	경북대학교
P-098	4. Medical / Pharmaceutical Science	Characterization of Drug Impurities in Hydrochlorothiazide, (S)-Amlodipine and Olmesartan by LC-MS/MS and In Silico Prediction	김종실	충북대학교	김종실	충북대학교
P-099	4. Medical / Pharmaceutical Science	In Vitro Metabolism of Donepezil in Liver Microsomes Using Non-Targeted Metabolomics	박소영	경북대학교	박소영	경북대학교
P-100	4. Medical / Pharmaceutical Science	Change in Endogenous Metabolites after Administration of Vitamin D3 in Healthy Korean Adults	박지서	경북대학교	박지서	경북대학교
P-101	4. Medical / Pharmaceutical Science	Proteomic Comparisons Between CP/CPPS Semen and Healthy Semen Using Bottom-up Proteomics Techniques	장용진	단국대학교	장용진	단국대학교
P-102	4. Medical / Pharmaceutical Science	Simultaneous Detection of Multiple Anabolic Androgenic Steroids including Unknown Compounds in Illegally Distributed Drugs Using LC-Q-TOF/MS and LC-MS/MS	이지현	식품의약품안전평가원	이지현	식품의약품안전평가원
P-103	4. Medical / Pharmaceutical Science	Toxicomulti-omics profiling: Pulmonary toxicity studies with single and repeated exposure of PHMG in mice model	이정대	단국대학교	이정대	
P-104	4. Medical / Pharmaceutical Science	Humidifier disinfectants exposed cell metabolite profiling for skin sensitization	김향연	단국대학교	김향연	단국대학교
P-105	4. Medical / Pharmaceutical Science	Discovery of Potential Human Urinary Lipid Biomarkers for Miscarriage and Preterm Birth	차현전	광주과학기술원	차현전	광주과학기술원
P-106	4. Medical / Pharmaceutical Science	Quantitative Proteomic Analysis of VPA Chemical Mouse ASD Model Reveals Enrichment of RNF146 and Wnt/ β -catenin Signaling	Wooyoung Eric Jang	KyungHee University		
P-107	4. Medical / Pharmaceutical Science	In-depth proteome profiling of breast cancer formalin-fixed paraffin-embedded tissue for early distant metastasis	김혜윤	서울대학교병원	김혜윤	서울대학교병원 의생명연구원
P-108	4. Medical / Pharmaceutical Science	Bioanalytical Method Development and Validation for Quantitative Analysis of Compound A with Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry	박정은	대구경북첨단의료산업진흥재단	박정은	대구경북첨단의료산업진흥재단
P-109	4. Medical / Pharmaceutical Science	Reliable Quantification of Short-Chain Fatty Acids in Human Plasma by GC-MS/MS Combined with Lyophilization and Derivatization	김유리	경희대학교	김유리	경희대학교
P-110	4. Medical / Pharmaceutical Science	Simultaneous Determination of 8 Amino Acids for Veterinary Use by LC-MS/MS	강정우	농림축산검역본부	강정우	농림축산검역본부
P-111	4. Medical / Pharmaceutical Science	Structural Characterization of Mucin-type O-glycans from Human Biopsy Tissue using HILIC-MS/MS	남지현	충남대학교	남지현	충남대학교
P-112	4. Medical / Pharmaceutical Science	Exploring the Meta-heterogeneity of Glycosylation on Horseradish Peroxidase using UHPLC-MS/MS	김재호	충남대학교	김재호	충남대학교
P-113	4. Medical / Pharmaceutical Science	Development of Reference Material for Acylcarnitines in Dried Blood Spot Using High Performance Liquid Chromatography Isotope Dilution Tandem Mass Spectrometry	서민선	고려대학교	권하정	
P-114	4. Medical / Pharmaceutical Science	Therapeutic Drug Monitoring-Based Personalized Medicine: Pharmacokinetic Determination of Cardiovascular Drugs in Serum via Liquid Chromatography-Coupled to Tandem Mass Spectrometry	Mariam M. Abady	Center for Bioanalysis, Division of Chemical and Medical Metrology, Korea Research Institute of Sta	마리암	Center for Bioanalysis, Division of Chemical and Medical Metrology, Korea Research Institute of Sta
P-115	4. Medical / Pharmaceutical Science	Assessments of In vitro and In vivo Pharmacokinetic Properties for The Brentuximab Vedotin by Immuno-Affinity Capture LC-MS/MS assays and Prediction of Its Human Pharmacokinetics using PBPK modeling	이병일	충남대학교	이병일	충남대학교
P-116	4. Medical / Pharmaceutical Science	Quantitative Analysis of Irosustat and Cholesterol Sulfate using an Liquid Chromatography-Mass spectrometric Method in Mouse Plasma and Blood and their Exposure-Response Relationship	박유리	충남대학교	박유리	충남대학교
P-117	4. Medical / Pharmaceutical Science	Quantification of BX001 in Rat Pharmacokinetic Study Using Liquid Chromatography-quadrupole Time-of-flight Mass Spectrometric Method	박서진	충남대학교	박서진	충남대학교
P-118	4. Medical / Pharmaceutical Science	Quantitative analysis of Daporinad (FK866) and its in vitro and in vivo metabolites using liquid chromatography-quadrupole-time-of-flight mass spectrometry	박민재	충남대학교	박민재	충남대학교
P-119	4. Medical / Pharmaceutical Science	Quantitative Analysis of Acetaminophen Using Triple Quadrupole Mass Spectrometer and GC-FID	박종순	한국기초과학지원연구원	김득현	한국기초과학지원연구원
P-120	4. Medical / Pharmaceutical Science	In Vitro and In Vivo Metabolism of Fargesin in Mouse	이민서	가톨릭대학교	이민서	가톨릭대학교

P-121	4. Medical / Pharmaceutical Science	Liquid Chromatography-Mass Spectrometric Analysis of beta-Amanitin in Mouse Plasma Samples and Application to Toxicokinetics of beta-Amanitin in Mice	방영윤	가톨릭대학교	방영윤	가톨릭대학교
P-122	4. Medical / Pharmaceutical Science	Clinical Application of LC-MRM Method for Quantification with Fucosylated Glycopeptides in Early Hepatocellular Carcinoma	서한솔	씨젠의료재단	서한솔	(재)씨젠의료재단
P-123	4. Medical / Pharmaceutical Science	Gut Metabolomic Investigation on NAFLD Progression: Discovery of Biomarkers and Therapeutics	김대환	서울대학교	김대환	서울대학교
P-124	4. Medical / Pharmaceutical Science	Development of highly sensitive analysis method for measuring predictive biomarkers of preterm birth using HS-GC-MS/MS	이지연	중앙대학교	이지연	중앙대학교
P-125	4. Medical / Pharmaceutical Science	A Comprehensive Evaluation on The Potential of Human Gut-microbiota Species Based on Untargeted Metabolomic Profiling from Mice with Liver Cirrhosis	이해리	서울대학교	이해리	서울대학교
P-126	4. Medical / Pharmaceutical Science	Characterization of N-glycosylation of recombinant IL-4 and IL-13 proteins with LC-MS/MS analysis	이주연	한국기초과학지원연구원	이주연	한국기초과학지원연구원
P-127	4. Medical / Pharmaceutical Science	Determination of antiviral drugs in plasma using mixed-mode separation in liquid chromatography-mass spectrometry	노르디아나	과학기술연합대학원대학교	정지선	한국표준과학연구원
P-128	4. Medical / Pharmaceutical Science	Determination of free amino acids in biological specimens using liquid chromatography based methods	최서현	과학기술연합대학원대학교	정지선	한국표준과학연구원
P-129	4. Medical / Pharmaceutical Science	Fecal and Urinary Metabolomes After Live Biotherapeutics Product Administration in Healthy Subjects	김수인	경북대학교 약학대학	김수인	경북대학교 약학대학
P-130	4. Medical / Pharmaceutical Science	Assessment of metabolic stability of tegoprazan and M1 using in vitro recombinant CYP system and mass spectrometer	웨이쥬두	경북대학교 약학대학	웨이쥬두	경북대학교 약학대학
P-131	4. Medical / Pharmaceutical Science	Development of an analytical Method for multi-Residue Quantification of 6 Anthelmintics in Livestock and Fishery Products using Liquid Chromatography-Tandem Mass Spectrometry	강세형	건국대학교	강세형	건국대학교
P-132	4. Medical / Pharmaceutical Science	Investigation of Lipid Profile in Breast Milk of Mice by Low-flow Liquid Chromatography-lectrospray Tandem Mass Spectrometry	권아라	한국화학연구원	권아라	한국화학연구원
P-133	4. Medical / Pharmaceutical Science	Development of Liquid Chromatography-Mass Spectrometric method for a small interfering RNA Small Interfering RNA Targeting messengerRNA Encoding LIN28B and Its Application to Mouse Pharmacokinetic Study	임정현	충남대학교	임정현	충남대학교
P-134	4. Medical / Pharmaceutical Science	Quantitative Profiling of Cardiovascular Drugs in Dried Blood Spots Using Liquid Chromatography-Tandem Mass Spectrometry	김석원	서울대학교	김석원	서울대학교
P-135	4. Medical / Pharmaceutical Science	Ginseng-drug Interaction Study in high dose administration of red ginseng in mice	김연아	경북대학교	김연아	경북대학교
P-136	4. Medical / Pharmaceutical Science	Phase I metabolism of HYIpro-3-1 in human liver microsomes	바이홍하오	경북대학교	바이홍하오	경북대학교
P-137	5. Life & Informatics	The Development of Endocrine-disrupting Chemical-related Liver Metabolite Prediction Platform based on Mass Spectrometric Analysis	장유림	서울대학교	장유림	서울대학교
P-138	5. Life & Informatics	Systematic multi-omics approach for translating preclinical ASD Cntnap2 models to autistic patients reveals in lipid metabolic pathway alteration in PFC	박지환	DGIST	박지환	DGIST
P-139	5. Life & Informatics	Using Chemoinformatic Method to Predict Retention Time of Analyzing Dansylated Metabolite in Liquid Chromatography-Mass Spectrometry.	최은우	서강대학교		
P-140	5. Life & Informatics	Proteomic Characterization of Human Head and Neck Squamous Cell Carcinoma by Quantitative Mass Spectrometry	박상우	한국기초과학지원연구원	박상우	한국기초과학지원연구원
P-141	5. Life & Informatics	Development of an Analytical algorithm for Human O-GlcNAcylation using LC-MS/MS	황희연	한국기초과학지원연구원		
P-142	5. Life & Informatics	Identification of novel pathway related to alpha-amanitin derived hepatotoxicity by comparative proteomic analysis in vitro	김도은	경북대학교	김도은	경북대학교
P-143	5. Life & Informatics	Flashlight into Function Unannotated C11orf52 Using Affinity Purification Mass Spectrometry	양예지	한국기초과학지원연구원	양예지	한국기초과학지원연구원
P-144	5. Life & Informatics	Lipidomic analysis of aortic macrophages from hyperlipidemic mice by nanoflow ultrahigh performance liquid chromatography tandem mass spectrometry	서재원	연세대학교	서재원	

P-145	5. Life & Informatics	Comparison of Various Saliva Volumes for Optimizing Saliva Lipidome Analysis by Nanoflow Ultrahigh Performance Liquid Chromatography-tandem Mass Spectrometry	이광빈	연세대학교	이광빈	연세대학교
P-146	6. General	Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging of Phospholipid Changes in a Drosophila Model of Early Amyotrophic Lateral Sclerosis	장현준	충남대학교, 한국표준과학연구원	장현준	충남대학교, 한국표준과학연구원
P-147	6. General	Identification and Study of Biomarkers from Novichok-Inhibited Butyrylcholinesterase in Human Plasma	정우현	국방과학연구소	정우현	국방과학연구소
P-148	6. General	Genome Mining and Reassessment of Streptomyces venezuelae strains Harboring Novel Secondary Metabolites Biosynthetic Gene Clusters	최미라	한국기초과학지원연구원	최미라	한국기초과학지원연구원
P-149	6. General	Identification of botulinum neurotoxin subunit by LC-MS/MS	김진영	경기도경제과학진흥원	김진영	경기도경제과학진흥원
P-150	6. General	DeepY: A deep learning model for biosimilarity evaluation of antibody drug using intact glycoproteins analysis by LC-MS	최정훈	한국기초과학지원연구원	방글	
P-151	6. General	Parylene-based Microarray for Quantitative ToF-SIMS Analysis in Sub-microliter Multiple Samples	임희진	대구경북과학기술원	임희진	대구경북과학기술원
P-152	6. General	Lactobacillus Protects HT22 Cells from Oxidative Stress is discovered by using 2D-nLC-ESI-MS/MS	팜하차우	충남대학교	CHAU HA PHAM	KRISS
P-153	6. General	Analysis of periplasmic proteins isolated from Gram-negative bacteria for clinical mass spectrometry	전동희	씨젠의료재단	전동희	씨젠의료재단
P-154	6. General	Reducing the Laboratory Analytical Sample Weight for Mycotoxins Screening Method and Monitoring Results of 11 Mycotoxins in Pet Food	김혜진	국립농산물품질관리원 시험연구소	김혜진	국립농산물품질관리원 시험연구소
P-155	6. General	Method development of PFIB (Perfluoroisobutene) by GC-MS and GC-MS/MS	변상문	국방과학연구소	변상문	국방과학연구소
P-156	6. General	Validation of Analytical Method for Determination of Bisphenol A and Phthalates in Corn Oil by Liquid Chromatographic-Quadrupole Time-of-Flight	신민철	안전성평가연구소	신민철	안전성평가연구소
P-157	6. General	A Proteomic Analysis to Understand Toxic Mechanism in HepG2 Cells Caused by Silica Nanoparticles	이선영	한국표준과학연구원	이선영	한국표준과학연구원
P-158	6. General	Construction of TD-GC/MS-Based Gas Database and Emergency Gas Identification System	신은섭	서강대학교	신은섭	서강대학교
P-159	6. General	Comparison of Extraction Methods of Essential Oils in Artemisia Princeps (Korean Mugwort) Using GC-MS	김지환	우석대학교	김지환	우석대학교
P-160	6. General	Separation and Analysis of Lipids by Differential Analyte Transport during Paper Spray Ionization Mass Spectrometry	갈영주	동국대학교	갈영주	동국대학교
P-161	6. General	Improved Separation of Gangliosides and Sulfatides by Reversed-phase Liquid Chromatography-Mass Spectrometry	Shrestha Amartya Samila		스레스타아마타사밀라	
P-162	6. General	Proteome and Phosphoproteome Dynamics in Insulin-stimulated Myotubes of A Multi-ethnic Asian Cohort	한빛나라	경희대학교	한빛나라	경희대학교
P-163	6. General	The study of the Inductively Coupled Plasma behind the interface chamber	우주	영인에이스 주식회사	우주	영인에이스
P-164	6. General	Investigation of pesticide residues in Pet Food using mass spectrometry	나태웅	국립농산물품질관리원 시험연구소	나태웅	
P-165	6. General	MALDI-TOF Mass for the Identification of Microorganism in Pet Food	윤혜정	국립농산물품질관리원 시험연구소	윤혜정	
P-166	6. General	Monitoring of Pb,Cd,As and Cr using ICP-OES and ICP-MS in Pet Food	윤혜정	국립농산물품질관리원 시험연구소	윤혜정	
P-167	6. General	Reducing the Laboratory Analytical Sample Weight for Mycotoxins Screening Method and Monitoring Results of 11 Mycotoxins in Pet Food	김혜진	국립농산물품질관리원 시험연구소	김혜진	
P-168	6. General	MALDI-Mass Spectrometry Imaging and Proteomics Based Investigation of Alzheimer's Disease Models	김재성	Seoul International school	서종복	한국기초과학지원연구원

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P-169	6. General	Screening and Quantitation of Citric Acid in Veterinary Disinfectants by Liquid Chromatography with Diode Array Detector	한복희	농림축산검역본부	한복희	농림축산검역본부
취소진행중	6. General	Multi-Omics Analysis of Maggots in Porcine Carcass for Post-Mortem Interval Estimation	조성현	가천대학교	조성현	가천대학교