

▶ 2022 KHUPO 초록&포스터

포스터 오프라인으로 진행(90cm*120cm)

포스터 넘버	성함	소속	제목	카테고리	책임연구자
A01	김광은	서울대학교	Dynamic tracking and identification of tissue-specific secretory proteins in the circulation of live mice	Molecular Interactions with Proteins	이현우
A02	심재환	포항공과대학교(POSTECH)	Profiling of a lamin A mutant-associated proteins causing a dilated cardiomyopathy using proximity labeling and supramolecular latching	Molecular Interactions with Proteins	김기문
A03	이신려	한국뇌연구원	Secretome analysis identifies genes inhibiting the astrocytic α -synuclein PFF-induced neuronal toxicity	Molecular Interactions with Proteins	김형준
A04	강희규	울지대학교	Serum proteomic approach for the biomarker discovery of rheumatoid arthritis	Molecular Interactions with Proteins	이지영
A05	이지영	울지대학교	Serum proteomic approach for the biomarker discovery of ischemic stroke	Molecular Interactions with Proteins	강희규
A06	양예지	한국기초과학지원연구원(KBSI)	Functional prediction and interactome analysis of C11orf52, uncharacterized protein in chromosome 11	Molecular Interactions with Proteins	김진영
A07	최수빈	한국과학기술연구원	Proteomic analysis of human lung spheroids derived from normal and idiopathic pulmonary fibrosis exposed to diesel particulate matter	Molecular Interactions with Proteins	이지은
A08	오세연	가천대학교	Ecklonia cava extract modulates PGC-1 α and SOD2 to reduce hypertension-related vascular calcification.	Molecular Interactions with Proteins	변경희
A09	오세연	가천대학교	Monopolar and bipolar radiofrequency combined therapy reduces the accumulation of advanced glycated end products and increases skin elasticity in aged animal Skin.	Molecular Interactions with Proteins	변경희
A10	김소영	가천대학교	High-Intensity Focused Ultrasound radiation was showed fat accumulation or reduction depending on the depth and energy of treatment in SD rat.	Molecular Interactions with Proteins	변경희
A11	박인수	아주대학교	Enhancement of wound healing by conditioned medium of adipose-derived stromal cell with photobiomodulation in skin wound	Molecular Interactions with Proteins	박인수
A12	김형규	인제대학교	BH4 modulates cardiac mitochondrial proteome in a diabetic cardiomyopathy model	Molecular Interactions with Proteins	한진
A13	박미정	오송첨단의료산업진흥재단	Biomarkers Discovery in multidrug-resistant (MDR) tuberculosis that can monitor the progress of tuberculosis treatment	Molecular Interactions with Proteins	이다겸
A14	정재용	연세대학교	Screening of Fluorescein and Rhodamine B-Binding Domains From Fv-Antibodies Library	Molecular Interactions with Proteins	변재철
A15	연슬기	University of California San Francisco	Development of Novel Hybrid Antibiotics by Modular Synthesis and Binding-induced Hybridization	Molecular Interactions with Proteins	Ian Seiple
A16	나용우	서울대학교	Proteomics mapping of RNA-binding regions via in vivo formaldehyde crosslinking in Mus musculus liver	Molecular Interactions with Proteins	김종서
A17	Hazara Begum Mohammad	대구경북과학기술원(DGIST)	Plasma proteomics towards biomarker discovery for autism spectrum disorders	Molecular Interactions with Proteins	김민식
B01	김영신	서울대학교	Multi-protein Marker Model for Screening Alzheimer Disease Using Multiple Reaction Monitoring-Mass Spectrometry	Artificial Intelligence for Proteomics and Biomarker Discovery	김영수
B02	신동윤	서울대학교	Multiplexed Targeted Quantitative Proteomic Approach for Discriminating Major Depressive Disorder and Bipolar Disorder by Multiple Reaction Monitoring-Mass Spectrometry in Human Plasma	Artificial Intelligence for Proteomics and Biomarker Discovery	김영수
B03	김요섭	서울대학교	A Protein Multi-Marker Panel for Detection of Pancreatic Cancer using Multiple Reaction Monitoring-Mass Spectrometry.	Artificial Intelligence for Proteomics and Biomarker Discovery	김영수
B04	조연숙	대구경북과학기술원(DGIST)	Comparative Phosphoproteomics of Neuro-2a Cells under Insulin Resistance Reveals New Molecular Signatures of Alzheimer's disease	Artificial Intelligence for Proteomics and Biomarker Discovery	윤종혁
B05	박근아	한국뇌연구원	Multi-proteomic analysis of 5xFAD mice reveals new molecular signatures for early stage of Alzheimer's disease	Artificial Intelligence for Proteomics and Biomarker Discovery	윤종혁
B06	정진우	서울대학교병원	Multiple Biomarker Identification to Diagnose Metastatic Carcinoma from Thyroid Cancer Patients Plasma Using High-precision Proteomics Approach	Artificial Intelligence for Proteomics and Biomarker Discovery	한도현
B07	박예슬	한국기초과학지원연구원	Chromosome-Centric Human Proteome Study of Chromosome 11 Team	Artificial Intelligence for Proteomics and Biomarker Discovery	황희연
B08	김혜윤	서울대학교병원	Proteomic Profiling of Protein Signatures Associated with Response to PARP Inhibitor Treatment in Ovarian Cancer	Artificial Intelligence for Proteomics and Biomarker Discovery	한도현
B09	이가슬	한국생명공학연구원	Proteomics Quantitative Analysis of ASFV Infected PAM Cells	Artificial Intelligence for Proteomics and Biomarker Discovery	문정희
B10	안희성	서울아산병원	Analysis of sputum proteome in asthma patients before and after biologics administration	Artificial Intelligence for Proteomics and Biomarker Discovery	김경곤
B11	단기순	서울대학교병원	Proteome analysis of human Cerebrospinal Fluid for discovery of diagnostic biomarker of medulloblastoma	Artificial Intelligence for Proteomics and Biomarker Discovery	한도현
B12	김경곤	서울아산병원	Development of multi-plasma protein panel for classification of canine pancreatitis and lymphoma from healthy control using comparative LC-MS plattform	Artificial Intelligence for Proteomics and Biomarker Discovery	김경곤
B13	유지영	서울아산병원	Comparative plasma exosomal proteome analysis for chronic kidney disease-related biomarker discovery using SWATH LC-MS platform	Artificial Intelligence for Proteomics and Biomarker Discovery	김경곤
B14	김혜정	윌리엄스바이오로지스	Acetylome analysis of doxorubicin-induced changes in A549 cells	Artificial Intelligence for Proteomics and Biomarker Discovery	김혜정
B15	정수현	고려대학교	Fully automated Dual online reverse-phase liquid chromatography for effective and high throughput proteome analysis	Artificial Intelligence for Proteomics and Biomarker Discovery	이상원
C01	박나래	KIST	Phosphoproteome Profiling Using an Isobaric Carrier without the Need for Phosphoenrichment	Post-Translational Modifications for Signal Transduction	이철주
C02	이선정	한국과학기술연구원 스쿨	tipNrich: A Tip-Based N-terminal Proteome Enrichment Method	Post-Translational Modifications for Signal Transduction	이철주
D01	조희영	충남대학교	Alteration of Protein N-glycosylation in Brain of Mouse Models of Depression	Glycoproteomics	안현주
D02	이주연	한국기초과학지원연구원(KBSI)	Characterization of the N-glycosylation of Recombinant IL-4 and IL-13 Proteins Using LC-MS/MS Analysis and the I-GPA Platform	Glycoproteomics	김진영
D03	조대식	충남대학교	Quantitation of keratan sulfate proteoglycans (KSPGs) in mouse urine and liver using LC-MS/MS MRM	Glycoproteomics	안현주
D04	안다솜	한국기초과학지원연구원	Development of an Analytical Algorithm for Human O-GlcNAcylation using LC-MS/MS	Glycoproteomics	황희연
D05	김나혜	한국기초과학지원연구원	Identification and Quantification by GlycoProteome Analyzer (IQ-GPA) in Web Service	Glycoproteomics	황희연
D06	전예진	가천대학교	Application of PRM approach for Glycated Peptide Identification and quantification without enrichment	Glycoproteomics	이후근
D07	김재호	충남대학교	Examining of Subclasses for Comprehensive Site-specific glycosylation Monitoring in Human Immunoglobulin G	Glycoproteomics	안현주
D08	정희진	충남대학교	A Comprehensive Glycomic Characterization with Micro and Macroheterogeneity on Horseradish Peroxidase	Glycoproteomics	안현주
D09	박윤하	씨젠의료재단	Determination of re-calibration factor for accurate quantification in the MRM analysis of core-fucosylated AFP glycopeptides	Glycoproteomics	백제현
D10	황희연	한국기초과학지원연구원(KBSI)	Site Specific Characterization of N- and O-Glycosylation in Etanercept by TMT-labeling and LC-MS/MS	Glycoproteomics	황희연
D11	서윤담	KIST	Method development of a targeted glycopeptide analysis of a recombinant erythropoietin for doping control using liquid chromatography-high-resolution mass spectrometry	Glycoproteomics	민호필
D12	김혜진	KAIST	Automatic identification of glycated peptides using similarity of MS/MS spectrum	Glycoproteomics	김진영
D13	YINDONGTAN	충남대학교	Understanding Neural Networks by Exploring Glycome Diversity in Neurons and Glia Cells Using LC-MS/MS	Glycoproteomics	안현주
D14	정회근	솔브레인홀딩스	Integrated Analysis for Global Proteomics and Glycoproteomics using ProteographTM Technology	Glycoproteomics	이승준
E01	배상현	한국기초과학지원연구원	LC-MS/MS Based High Throughput Screening for Discovery of Protein Inhibitors	Chemoproteomics for Drug Development	김진영
E02	김혜정	윌리엄스바이오로지스	Multi-omics analysis for characterization of extracellular vesicle	Chemoproteomics for Drug Development	김혜정
F01	김병원	오송첨단의료산업진흥재단	Identification of tumor related HLA antigens using immunopeptidomics	Immunopeptides and Immunotherapy	우주람
F02	백지현	한국과학기술연구원	comprehensive proteomic analysis of extracellular vesicles and macrophages related to rheumatoid arthritis	Immunopeptides and Immunotherapy	이지은
F03	황서영	한국기초과학지원연구원(KBSI)	Robust and simple quantification method of trace host cell protein impurities in antibody drug products	Immunopeptides and Immunotherapy	이주연
F04	정재용	연세대학교	Screening of Fv Antibodies with Specific Binding Activities to Monosodium Urate and Calcium Pyrophosphate Dihydrate Crystals for the medical detection of Gout and Pseudogout	Immunopeptides and Immunotherapy	변재철

F05	성정수	연세대학교	One-step immunoassay for food allergens using screened mimotopes based on autodisplayed FV-antibody library	Immunopeptides and Immunotherapy	변재철
F06	안재경	연세대학교	Functional Transcription Modulation of Regulatory T cell via Membrane-permeable Inhibitor of Foxp3	Immunopeptides and Immunotherapy	이상규
F07	강정훈	원광대학교	The efficacy of natural antibacterial feed on Paralichthys Olivaceus using proteomics for human health	Immunopeptides and Immunotherapy	조원련
F08	김기환	서울대학교	NB-502, a novel bi-specific ADC targeting an immune checkpoint protein shows potent inhibition of human glioblastoma cells	Immunopeptides and Immunotherapy	이유진
F09	안진성	서울대학교	Physicochemical characterization of NB-501-Antibody Drug Conjugates using UPLC/MALDI-TOF MS	Immunopeptides and Immunotherapy	이유진
G01	김재년	서울대학교	Proteome Multimarker Panel for the Early Detection of Hepatocellular Carcinoma: Multicenter Derivation, Validation, and Comparison	Cancer Proteogenomics	김영수
G02	이지현	서울대학교	Increasing the Sensitivity of AFP-L3 Assay for Hepatocellular Carcinoma Diagnosis Using Fucose-Specific Lectins and Mass Spectrometry	Cancer Proteogenomics	김영수
G03	박성민	국립암센터 국제암대학원대학교	Characterization of clinically applicable molecular subtypes associated with medulloblastoma progression using integrated proteogenomic analysis	Cancer Proteogenomics	박종배
G04	허석준	NCNC-GCSP 암의생명과학과	Identification key biomarkers of EGFR TKI resistance using proteomic data	Cancer Proteogenomics	박종배
G05	최경민	충남대학교	Activity-based Protein Profiling Reveals MASTL as a Novel Target for Gastric Cancer	Cancer Proteogenomics	김재영
G06	김은비	충남대학교	Proteogenomic characterization of nucleolin-targeting AS1411 aptamer in triple-negative breast cancer	Cancer Proteogenomics	김재영
G07	천성민	서울대학교병원	Integrative proteogenomic analysis reveals long noncoding RNA-encoded micropeptide in triple-negative human breast cancer	Cancer Proteogenomics	한도현
G08	최진웅	한국기초과학지원연구원	Tandem Mass Tag (TMT)-based quantitative secretome analysis of lung cancer cells with acquired resistance to EGFR tyrosine kinase inhibitor	Cancer Proteogenomics	이주연
G09	박상우	한국기초과학지원연구원(KBSI)	A Quantitative Proteomic-Based Profiling for the Characterization of Intrahepatic Cholangiocarcinoma	Cancer Proteogenomics	김진영
G10	윤태경	연세대학교	Aerogel-Based Combi-Matrix for Medical Diagnosis of Colorectal Cancer using LDI Mass Spectrometry	Cancer Proteogenomics	변재철
G11	이현진	KAIST	Matrisome-focused integrative-omics data analysis reveals stromal phenotypes associated with consensus molecular subtypes (CMS) in colorectal cancer	Cancer Proteogenomics	김필남
G12	이정운	서울대학교	Proteome profiling of peripheral blood mononuclear cells in dog with mammary gland tumor	Cancer Proteogenomics	조제열
G13	남도운	고려대학교	Development of a MRM-based Disease Subtype Identification Method and its application to Pancreatic Ductal Adenocarcinoma	Cancer Proteogenomics	이상원
H01	허성현	베르티스	Novel Diagnostic Biomarkers for High-Grade Serous Ovarian Cancer Uncovered by Data-Independent Acquisition Mass Spectrometry	Research Areas Not Listed Above	Un-Beom Kang
H02	방글	한국기초과학지원연구원(KBSI)	Comparison of protein characterization using In solution and S-Trap digestion methods for proteomics	Research Areas Not Listed Above	김진영
H03	이세영	씨젠의료재단	Evaluation of an OS-MALDI-TOF MS method to detect active Klebsiella pneumoniae carbapenemase (KPC) from clinical isolates	Research Areas Not Listed Above	백제현
H04	이현정	KIST	Adaptation of Skyline as an unifying software for a doping control	Research Areas Not Listed Above	민호필
H05	장희정	씨젠의료재단	Development of periplasmic proteins isolation method from Gram-negative bacteria for clinical mass spectrometry	Research Areas Not Listed Above	백제현
H06	성정수	연세대학교	Antibody-mediated screening of peptide inhibitors for monoamine oxidase-B (MAO-B) from an autodisplayed FV library	Research Areas Not Listed Above	변재철
H07	윤태경	연세대학교	MALDI-TOF mass spectrometry based on Parylene-Matrix Chip for Sepsis Diagnosis by Quantitative Analysis of Lysophosphatidylcholine	Research Areas Not Listed Above	변재철
H08	김지연	서울대학교	Department of Molecular Medicine & Biopharmaceutical Science, Graduate school of Convergence Science and Technology, Seoul National University, Korea	Research Areas Not Listed Above	이유진
H09	장동기	서울대학교	Ultra-multiplexed proximity labeling platform revealed the dynamics of mitochondrial matrix proteome in response to mtDNA damage	Research Areas Not Listed Above	김종서
H10	김희수	서울대학교	Primary Tumors Inhibit Metastases Growth by Secreting Exosomal Histone proteins	Research Areas Not Listed Above	조제열
H11	김태현	연세대학교	Parylene-N films as a chemical microenvironment for differentiation and spheroid formation of osteoblast cells	Research Areas Not Listed Above	변재철