

HUPO 2011
10TH WORLD CONGRESS
4-7 SEPTEMBER 2011
Geneva

Poster Programme

Odd numbers: Monday 5 2011

Even numbers: Tuesday 6 2011

Odd and Even numbers: Wednesday 7 2011

Posters

MS QUANTITATION

P1000 - A SYSTEMATIC APPROACH TO ASSESS AMINO ACID CONVERSIONS IN SILAC EXPERIMENTS

Alberto Paradela

P1001 - ABSOLUTE QUANTIFICATION OF ALPHA-SYNUCLEIN PROTEIN IN A RAT MODEL OF PARKINSON'S DISEASE USING MRM

Adrien W Schmid

P1002 - INVERSE REGULATION IN THE METABOLIC GENES PCKA AND METE REVEALED BY PROTEOMIC ANALYSIS OF THE SALMONELLA RCSCDB REGULON

Alberto Paradela

P1004 - THREE BOTTLENECKS IN HPP IMPLEMENTATION

Alexander I Archakov

P1005 - IDENTIFICATION AND ABSOLUTE QUANTIFICATION OF A POTENTIAL THERMAL DEGRADATION MARKER OF PLASMA TRANSFUSION

Alexia Ortiz

P1006 - LOADQUANT: A PLATFORM FOR HANDLING QUANTITATIVE PROTEOMIC DATA OUTPUT FROM MATRIX SCIENCE'S MASCOT DISTILLER™

Allan Stensballe

P1007 - SI TRACEABLE QUANTIFICATION OF MYOGLOBIN FOR THE CHARACTERISATION OF A MYOGLOBIN CANDIDATE REFERENCE MATERIAL

Amalia Muñoz

P1008 - IDENTIFYING QUALITATIVE AND QUANTITATIVE DIFFERENCES IN RECOMBINANTS AND ANTIBODY ENRICHMENTS FOR IGF1 AS PROVIDED BY DIFFERENT VENDORS AND DIFFERENT PREPARATIONS USING HIGH RESOLUTION MASS SPECTROMETRY

Amol Prakash

P1009 - QUANTITATIVE ANALYSIS OF SKIN SUCTION BLISTER FLUID

Andre Mueller

P1010 - QUANTITATIVE ANALYSIS OF ENERGY METABOLIC PATHWAYS IN BREAST CANCER CELLS UNDER DIFFERENT GROWTH CONDITIONS BY SELECTED REACTION MONITORING

Andrei P Drabovich

P1011 - EVALUATION OF A LABEL-FREE QUANTITATIVE PROTEOMIC METHOD TOGETHER WITH SAMPLE FRACTIONATION FOR THE LARGE-SCALE ANALYSIS OF INFLAMMATORY ENDOTHELIAL CELLS

Anne Gonzalez De Peredo

P1012 - COMBINATION OF IRREVERSIBLE BINDING AND MRM FOR LOW- AND ULTRA-LOW COPIED PROTEINS DETECTION AND QUANTITATION

Artur Kopylov

Posters

- P1013 - **MS/MS-BASED QUANTITATIVE PROTEOMICS BY ISOBARIC PEPTIDE TERMINI LABELING**
Bernd Thiede
- P1014 - **CHARACTERIZATION OF CELLULAR PROTEASOME COMPLEXES DIVERSITY BY PROTEOMIC APPROACHES**
Bertrand Fabre
- P1015 - **PEPTIDE QUANTIFICATION BASED ON A NOVEL QUADRUPOLE-ORBITRAP MASS SPECTROMETER**
Bruno Domon
- P1016 - **OBVIATING TRANSITION OPTIMIZATION IN SRM ASSAYS TO DETECT AND QUANTIFY ANY PROTEIN OF THE HUMAN PROTEOME**
Caroline S. Chu
- P1017 - **INFLUENCE OF DIETARY COMPONENTS ON THE LEVELS OF REDUCTASES IN HUMAN COLORECTAL CANCER CELLS**
Cédric Bovet
- P1018 - **PROTEOME PROFILING AND QUANTIFICATION OF MOUSE LIPID DROPLET BY USING ¹³C LABELLED QUANTITATIVE PEPTIDE CONCATAMER**
Chen Ding
- P1019 - **QUANTITATION OF TYPE 1 DIABETES MHC PEPTIDE EPITOPES**
Chor Teck Tan
- P1020 - **ACCELERATING DIGESTION OF PROTEOMES USING TRYPSIN-IMMOBILIZED MAGNETIC NANOPARTICLES**
Christie Hunter
- P1021 - **HIGH SENSITIVITY PHOSHOPEPTIDE QUANTITATION USING NANOFLOW LC ON A TRIPLE QUADRUPOLE MASS SPECTROMETER**
Christine Miller
- P1022 - **MUDPIT-SRM – A HIGHLY MULTIPLEXED STRATEGY FOR LOW ABUNDANT PROTEIN BIOMARKER IDENTIFICATION**
Christoph Krisp
- P1023 - **MRMAID2: MINING PRIDE FOR EVIDENCE-BASED SRM TRANSITIONS**
Conrad Bessant
- P1024 - **MULTIPLEXED ABSOLUTE QUANTIFICATION OF PROTEINS DURING EARLY EMBRYOGENESIS BY SELECTED REACTION MONITORING**
Daniela Deutsch
- P1025 - **G-PROTEIN COUPLED RECEPTOR QUANTIFICATION USING PEPTIDE-GROUP SPECIFIC ENRICHMENT COMBINED WITH INTERNAL PEPTIDE STANDARD ITRAQ REPORTER CALIBRATION**
David Eisen

Posters

- P1026 - **MZDB: AN OPTIMIZED FILE FORMAT FOR THE EFFICIENT ANALYSIS OF LC-MS DATASETS**
David Bouyssié
- P1027 - **QUANTITATIVE ANALYSIS OF LARGE PEPTIDES USING PSEUDO-SELECTED REACTION MONITORING WITH ELECTRON TRANSFER DISSOCIATION**
Didia Coelho Graça
- P1028 - **COMPLETING THE RHODOPSIN MACHINE - CO-IMMUNOPRECIPITATION AND ICPL-TECHNOLOGY AS PROMISING TOOLS**
Eva-Maria Keidel
- P1029 - **EASYPROT: A PLATFORM FOR MS1/MS2 PROTEIN IDENTIFICATION AND LABEL-FREE QUANTIFICATION**
Florent Gluck
- P1030 - **GENERAL ANALYSIS OF PROTEIN RELATIVE EXPRESSION DATA FROM ISOBARIC TAGGING EXPERIMENTS**
Florian P Breitwieser
- P1031 - **MULTI-SITE ASSESSMENT OF PROTEORED PLASMA REFERENCE SAMPLE FOR BENCHMARKING LC-MS PLATFORM PERFORMANCE**
Francesc Canals
- P1032 - **BIOMARKER VALIDATION FOR COLORECTAL CANCER SCREENING USING SRM AND MRM3 AND CORRELATION WITH ELISA TEST**
Genevieve Choquet
- P1033 - **DETECTING AND AVOIDING REDUNDANCY IN SELECTED REACTION MONITORING (SRM) - A COMPUTATIONAL APPROACH TO DESIGN SELECTIVE SRM ASSAYS**
Hannes Luc Röst
- P1034 - **NEXT GENERATION QUANTITATIVE PROTEOMICS: OVERCOMING THE NEED FOR NON-OVERLAPPING ISOTOPE PATTERNS AND ALLOWING FOR NOVEL MULTIPLEXED LABELING STRATEGIES**
Hanno Steen
- P1035 - **A ROBUST QUANTITATION PLATFORM FOR HIGH THROUGHPUT LABEL-FREE SHOTGUN PROTEOMICS TECHNIQUES BY LC-MS/MS ANALYSIS**
Hee-Jung Jung
- P1036 - **TARGETED LABEL-FREE QUANTIFICATION IN A 3D ION TRAP INSTRUMENT**
Huisong Pak
- P1037 - **MULTIPLE REACTION MONITORING OF PHOSHOPEPTIDE LABELED WITH 6-PLEX TANDEM MASS TAGS(TMT) FOR QUANTITATIVE PHOSPHOPROTEOMICS**
Hye Kyeong Min

Posters

P1038 - PROTEOMIC ANALYSIS OF THE CAENORHABDITIS ELEGANS SIR-2.1 PROTEIN DEACETYLASE DEFICIENT STRAIN

Hyoung Joo Lee

P1039 - INVESTIGATING THE RELATIONSHIP BETWEEN SAMPLE COMPLEXITY AND ACCURATE ASSESSMENT OF QUANTITATIVE CHANGE - HOW UNIQUELY CAN AN ION BE MEASURED?

James Langridge

P1040 - HIGH RESOLUTION PEPTIDE ISOELECTRIC FOCUSING PREFRACTIONATION (HRIEF-LC-MS/MS) ENABLES COMPREHENSIVE HUMAN PROTEOMICS

Janne Lehtiö

P1043 - DIFFERENTIAL ANALYSIS OF MEMBRANE PROTEOMES FROM CLOSTRIDIUM ACETOBUTYLICUM AT ACIDOGENESIS AND SOLVENTOGENESIS USING ITRAQ

Jingjing Zhao

P1044 - ESTABLISHMENT OF QUALIFICATION PROCESS FOR 158 BIOMARKER CANDIDATES IN CYST FLUID USING HIGH THROUGHPUT MS-BASED PROTEOMIC APPROACH

Jisook Park

P1045 - ANALYSIS OF DISEASE CAUSING MUTATIONS BY MASS SPECTROMETRY

Johan Palmfeldt

P1046 - ACCURATE QUANTIFICATION OF PREDICTED MICRORNA TARGETS IN MOUSE HEART USING HIGH-RESOLUTION TARGETED PROTEOMICS

Johannes A Hewel

P1047 - THE USE OF A PEPTIDE RETENTION-TIME CALIBRATION MIXTURE AS A TOOL IN SCHEDULED SELECTED REACTION MONITORING METHOD CONSTRUCTION

John C. Rogers

P1048 - UNDERSTANDING THE ROLE OF TRK RECEPTORS IN NEUROBLASTOMA USING QUANTITATIVE PHOSPHOPROTEOMICS APPROACHES

John C. Rogers

P1049 - LABEL-FREE QUANTITATION OF A UNIQUE PROSTATE CANCER PROGRESSION MODEL USING LC-FTICR-MS

John Lapek

P1050 - QUANTIFYING THE EFFECTS OF IONIZING RADIATION AND RADIOPROTECTORS ON IMMUNE CELLS USING OFFGELC-MSE

Jonathan Erde

P1051 - ABSOLUTE QUANTIFICATION OF A LARGE SET OF TRANSCRIPTION FACTORS INVOLVED IN THE ADIPOGENIC GENE REGULATORY NETWORK VIA A MASS SPECTROMETRY-BASED APPROACH

Jovan Simicevic

Posters

- P1052 - **IMPACT OF HIGH RESOLUTION MRM ANALYSIS ON COMPLEX PROTEOMES**
Kathleen Lewis Torpey
- P1053 - **ANALYSIS/QUANTIFICATION OF DIFFERENT FORMS OF C-REACTIVE PROTEIN (CRP) IN REFERENCE MATERIALS**
Katja Hanisch
- P1054 - **SELECTIVE QUANTIFICATION OF NEWLY SYNTHESIZED PROTEINS IN LPS-STIMULATED MACROPHAGES**
Katrin Schuschke
- P1055 - **PRECISE MEASUREMENTS OF PROTEIN ABUNDANCE IN SACCHAROMYCES CERREVISIAE; COMPARING LC-MRM TO LABEL-FREE LC-MS**
Kevin T Collins
- P1056 - **IN VIVO QUANTIFICATION OF LIVER SIGNALING AT THE SYSTEMS LEVEL**
Kirti Sharma
- P1057 - **SIMULTANEOUS MEASUREMENT OF PLASMA APOLIPOPROTEINS BY MRM AND MTRAQ® LABELING FOR CANCER DIAGNOSTICS**
Kwang Youl Kim
- P1058 - **SIMULTANEOUS MEASUREMENT OF PLASMA APOLIPOPROTEINS BY MRM AND MTRAQ LABELING FOR CANCER DIAGNOSTICS**
Kwang Youl Kim
- P1059 - **SERUM ANALYSIS BASED ON MULTIPLE REACTION MONITORING USING LC/MS/MS FOR THE DETECTION OF PANCREATIC CANCER**
Kyoung-Jin Park
- P1060 - **TOWARDS QUANTIFYING PROTEIN-PROTEIN INTERACTIONS USING SYNCHROTRON-BASED OXIDATIVE FOOTPRINTING AND SELECTED REACTION MONITORING**
Lars Malmström
- P1061 - **AUTOMATIC AND ADAPTIVE PROCESSING ALGORITHM OF SRM TRACES FOR PROTEIN QUANTITATION**
Laurent Gerfault
- P1062 - **DIFFERENTIAL ANALYSIS OF GLIOBLASTOMA MULTIFORME TISSUES IMPLICATES AN INTRIGUING SIGNALING PATHWAY**
Leroi V. Desouza
- P1063 - **SWATH-MS: DATA INDEPENDENT CAPTURE OF MS/MS SEQUENCES FOR QUANTIFICATION OF PEPTIDE KINETICS IN A CELL SIGNALLING CASCADE**
Lorne Taylor

Posters

- P1064 - **MULTIPLEXING SIMS ON A NOVEL BENCH TOP ORBITRAP WITH A QUADRUPOLE MASS FILTER TO INCREASE SENSITIVITY FOR PEPTIDE QUANTITATION**
Louis Maljers
- P1065 - **SWATH MS: A METHOD FOR COMPLETE SAMPLE CONTENT ANALYSIS COMBINING A DATA INDEPENDENT ACQUISITION METHODOLOGY AND A TARGETED DATA ANALYSIS STRATEGY**
Ludovic CJ Gillet
- P1066 - **ISOBARIQ: SOFTWARE FOR ISOBARIC QUANTITATIVE PROTEOMICS USING IPTL, ITRAQ AND TMT**
Magnus Øverlie Arntzen
- P1067 - **A ROBUST LABEL-FREE ANALYSIS WORKFLOW FOR HIGH-RESOLUTION MASS SPECTROMETRY**
Marianne Sandin
- P1068 - **ANALYSIS OF IONIZING RADIATION-INDUCED MODULATION OF THE CELLULAR PROTEOME: USING QUANTITATIVE PROTEIN PROFILING BY SILAC AND SRM**
Mariette Matondo
- P1069 - **PREST-SILAC COMBINATION ENABLES ABSOLUTE QUANTIFICATION AND MULTIPLEXED DETERMINATION OF PROTEIN COPY NUMBERS IN CELL LINES**
Marlis Zeiler
- P1070 - **DEVELOPMENT OF AN MRM ASSAY PANEL FOR CARDIOVASCULAR DISEASES**
Melinda Rezeli
- P1071 - **OPTIMIZATION OF EXPERIMENTAL PARAMETERS FOR UNBIASED LABEL-FREE QUANTITATIVE MASS SPECTROMETRY OF PROTEINS**
Michael Groessl
- P1072 - **SPECIFICITY AND COMMONALITY OF THE PHOSPHOINOSITIDE-BINDING PROTEOME ANALYZED BY QUANTITATIVE MASS SPECTROMETRY**
Michael L. Nielsen
- P1073 - **ACCURATE QUANTIFICATION OF PROTEINS IN COMPLEX MATRICES FOR THE PRODUCTION OF MATRIX CERTIFIED REFERENCE MATERIALS**
Milena Quaglia
- P1074 - **QUANTITATIVE PROTEOMICS OF YEAST CELLS IN SINGLE LC MS/MS RUNS USING A BENCH-TOP QUADRUPOLE ORBITRAP**
Nagarjuna Nagaraj
- P1075 - **SYSTEMATIC QUANTIFICATION OF URINARY PROTEINS USING SELECTED REACTION MONITORING**
Nathalie Selevsek
- P1076 - **BIOINFORMATICS SUPPORT AT THE EARLY STAGES OF SRM ASSAY DEVELOPMENT**
Nikolaos Berntenis

Posters

P1077 - EVALUATION OF PEPTIDE ALKYLATION SIDE-REACTIONS IN COMMON PROTEIN DIGESTION PROTOCOLS

Núria Colomé

P1078 - VALIDATION OF A MASS SPECTROMETRIC METHOD FOR SERUM HEPcidIN

Outi Itkonen

P1079 - FN1, TIMP1, AND SERPINA1 REGULATE THE MIGRATION, INVASION, AND PERICELLULAR FIBRONECTIN ASSEMBLY OF CANCER CELLS IN METASTASIS: A NOVEL BIOLOGICAL SIGNIFICANCE REVEALED BY QUANTITATIVE PROTEOMICS ANALYSIS OF NSCLC CELL SECRETOMES

Pao-Chi Liao

P1080 - HIGH-THROUGHPUT SRM-LIKE ANALYSIS OF DATA GENERATED UPON SWATH MS DATA INDEPENDENT ACQUISITION

Pedro Navarro

P1081 - ISOTOPE CODED PROTEIN LABELS FOR QUANTITATIVE ANALYSIS OF SPINAL CD4+ T LYMPHOCYTES DURING EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Peter Hoffmann

P1082 - MSCOMPARE – DATA PROCESSING FRAMEWORK FOR THE ANALYSIS OF LABEL-FREE QUANTITATIVE LC-MS DATA

Peter Horvatovich

P1083 - CHALLENGING THE 'TWO-PEPTIDE' RULE: AN ALTERNATIVE APPROACH TO PROTEIN INFERENCE

Philip David Charles

P1084 - QUANTITATIVE PROTEOMICS OF WILD TYPE AND DEPLETED GENOME ESCHERICHIA COLI

Rebecca Cummings

P1085 - TARGETED PROTEIN QUANTITATION USING HIGH RESOLUTION, ACCURATE MASS SELECTED ION MONITORING WITH SCHEDULED MS/MS ON A HYBRID ION TRAP-FTMS MASS SPECTROMETER

Reiko Kiyonami

P1086 - DATA ACQUISITION BY MAXQUANT REAL-TIME

Richard Alexander Scheltema

P1087 - QUANTITATIVE PROTEOME ANALYSIS OF THE HEAT SHOCK RESPONSE

Roman Koerner

P1088 - QUANTITATIVE OF PHOSPHORYLATION PROTEIN AND PEPTIDE USING DIFFERENT SEPARATION AND ENRICHMENT METHODS

Rong Li

P1089 - QUANTITATIVE PROTEOMICS IN THE CONTEXT OF WNT SIGNALING

Sandra Goetze

Posters

- P1090 - **MULTI-LABORATORY EXAMINATION OF DESIGNED QUANTITATION STANDARD SAMPLES TO ESTABLISH BENCHMARK METRICS FOR ISOBARIC QUANTITATION**
Sean L Seymour
- P1091 - **QUANTITATIVE PROTEOMICS TOWARDS THE PROTEIN FAMILY MEMBERS IN CANCER CELL LINES USING MULTIPLE REACTION MONITORING**
Shenyan Zhang
- P1092 - **ANALYSIS OF TARGET GLYCOPROTEIN BY ISOTOPIC LABELING**
Shu Zhang
- P1093 - **HIGH ACCURACY NANO-LC/MS-BASED LABEL-FREE QUANTIFICATION TECHNIQUES FOR GLOBAL COMPARATIVE ANALYSES OF HYPOXIA-INDUCED HISTONE H3 MODIFICATIONS**
Shu-Hui Chen
- P1094 - **POST TRANSCRIPTIONAL REGULATORY EFFECTS OF THE YEAST NUCLEAR EXOSOME INVESTIGATED BY COMBINED PROTEOME AND TRANSCRIPTOME ANALYSIS**
Sonja Reiland
- P1095 - **ISOQUANT – A JAVA AND MYSQL-BASED SOFTWARE ENABLING INTEGRATED EVALUATION OF DATA INDEPENDENT (LC-MSE) LABEL-FREE QUANTITATIVE PROTEOMICS DATA**
Stefan Tenzer
- P1096 - **SWATH QUANTITATION OF PROTEIN PHOSPHATASE INTERACTIONS ACROSS THE CELL CYCLE**
Stephen Alexander Tate
- P1097 - **ITRAQ BASED QUANTITATIVE PROTEOME ANALYSIS OF CELLULOLYTIC THERMOBIFIDA FUSCA**
Sunil S Adav
- P1098 - **PROTEOMICS ANALYSIS OF EXTRACELLULAR LIGNOCELLULOLYTIC ENZYMES OF CONIOCHAETA SP. DURING CORN STOVER BIOCONVERSION**
Sunil S Adav
- P1099 - **PROTEOMICS ANALYSIS OF PH AND STRAINS DEPENDENT PROTEIN SECRETION OF TRICHODERMA REESEI**
Sunil Shankar Adav
- P1100 - **PROTEOMICS ITRAQ QUANTITATIVE SECRETOME ANALYSIS OF TRICHODERMA REESEI STRAINS DURING LIGNOCELLULOSIC BIOMASS DEGRADATION**
Sunil Shankar Adav
- P1101 - **QUANTITATIVE SECRETOMIC ANALYSIS OF LIGNOCELLULOSE HYDROLYZING ENZYMES OF PHANEROCHAETE CHRYSOSPORIUM**
Sunil Shankar Adav

Posters

- P1102 - ABSOLUTE QUANTITATION OF PLASMA BIOMARKER PEPTIDES FOR ALZHEIMER DISEASE AT PICO-MOLAR LEVEL USING SRM COUPLED WITH STABLE ISOTOPE STANDARDS AND CAPTURE BY ANTI-PEPTIDE ANTIBODIES**
Takeshi Tomonaga
- P1103 - RECENT ADVANCES IN MHC-ASSOCIATED PEPTIDE PROTEOMICS TECHNOLOGY FOR IMMUNOGENICITY ASSESSMENT**
Tatiana Pimenova
- P1104 - A CROSS-COMPARISON OF INSTRUMENTS, DISSOCIATION METHODS, DATA FORMATS AND ANALYSIS SOFTWARE PACKAGES FOR ITRAQ QUANTITATION**
Theodora Manousidou
- P1105 - QUANTIFICATION OF THE SHORT LIVED YEAST TRANSCRIPTION FACTOR RPN4 USING TARGETED PROTEOMICS AND SPIKETIDES**
Ulf Reimer
- P1106 - ANALYSIS OF DIMETHYL LABELED QUANTITATIVE PROTEOMICS DATA**
Ulrich Omasits
- P1107 - DEFINING TARGETED AND QUANTITATIVE SRM ASSAYS FOR ANY PROTEIN OF THE HUMAN PROTEOME**
Ulrike Kusebauch
- P1108 - QUANTITATIVE PROTEOMIC PROFILING OF TAMOXIFEN RESPONSE IN BREAST CANCER CELLS VIA PH DEPENDENT RP-RP-HPLC-CHIP/Q-TOF ANALYSIS**
Vadiraja B Bhat
- P1109 - AUTOMATED SAMPLE PREPARATION PLATFORM FOR MASS SPECTROMETRY-BASED PLASMA PROTEOMICS AND BIOMARKER DISCOVERY**
Vilem Guryca
- P1110 - ADVANCED WORKFLOW FOR PEPTIDE N-TERMINOMICS: A STEP TOWARDS MASS SPECTROMETRY IDENTIFICATION AND PROFILING OF PROTEASE CLEAVAGE PRODUCTS IN PLASMA**
Vilem Guryca
- P1111 - DEVELOPMENT OF A PSAQ-SRM ASSAY FOR IGF-1 QUANTIFICATION IN SERUM**
Virginie Brun
- P1112 - OPTIMIZED SYSTEMS FOR STABLE ISOTOPE-LABELLED PROTEIN EXPRESSION**
Virginie Brun
- P1113 - QUANTIFYING THE LEVELS OF CORE-FUCOSYLATION ON GLYCOPROTEINS USING ISOTOPE INCORPORATION AND SRM-MS**
Wantao Ying

Posters

- P1114 - ABSOLUTE QUANTIFICATION WITH FLUORESCENCE LABELING FOR PROTEOME SAMPLE
Xiangmin Zhang
- P1115 - ABSOLUTE QUANTIFICATION OF MOUSE LIVER PROTEINS IN LARGE SCALE WITH QCONCAT AND INTELLIGENT SELECTIVE REACTION MONITORING
Xiaohong Qian
- P1116 - EVALUATING SAMPLE PREPARATION TECHNIQUES FOR ITRAQ ANALYSIS OF SECRETED PROTEIN IN CONDITIONED MEDIA
Xiaomin Song
- P1117 - LECTIN-COUPLED/MRM-BASED ASSAY FOR CANCER BIOMARKER CANDIDATES
Yeong Hee AHN
- P1118 - BIOMARKER DETECTION AND QUANTIFICATION IN BODILY FLUIDS USING CONCATENATED REFERENCE PEPTIDES INCLUDING A UNIVERSAL REPORTER
Yeoun Jin Kim
- P1119 - INVESTIGATION OF HEPATIC INSULIN RESISTANCE USING AN INTEGRATED SHOTGUN/TARGETED QUANTITATIVE PROTEOMIC STRATEGIES
Yibo Wu
- P1120 - REGULATION OF PROTEIN SIGNALING NETWORKS BY THE SCAFFOLD PROTEIN SHC1 IN TIME AND SPACE
Yong Zheng
- P1121 - QUANTITATIVE ANALYSES OF SUBNANOMOLAR BIOMARKER PEPTIDES IN HUMAN SERUM BY SRM MASS SPECTROMETRY
Yoshio Kodera
- P1122 - AN INTEGRATED PLATFORM FOR QUANTITATIVE PROTEOME ANALYSIS WITH COMBINATION OF PROTEIN LABELING, SEPARATION AND PEPTIDE SEPARATION VIA ONLINE DIGESTION
Yuan Zhou
- P1123 - QUANTIFICATION OF EICOSANOID PATHWAY PROTEINS IN HUMAN CEREBROSPINAL FLUID USING A QUADRUPOLE-ORBITRAP MASS SPECTROMETER
Zhiqi Hao

PHARMACO-TOXICOLOGY

- P1124 - IMPACT OF HUMAN PLASMA PATHOGEN INACTIVATION BY UV-IRRADIATION IN PRESENCE OF METHYLENE BLUE: IDENTIFICATION OF FIBRINOGEN MODIFICATIONS
Alexia Ortiz
- P1125 - C3 EXOENZYME OF CLOSTRIDIUM BOTULINUM ALTERS THE PROTEOME OF NEURONAL CELL LINE
Anke Schroeder

Posters

- P1126 - **LONOMIA OBLIQUA VENOMOUS SECRETIONS: COMPARATIVE PROTEOMICS TO THE IDENTIFICATION OF PROTEINS INVOLVED IN THE HEMORRHAGIC SYNDROME**
Antonio Frederico Michel Pinto
- P1127 - **PROTEOMIC ANALYSIS OF THE EFFECT OF NICOTINE ON HUMAN ARTICULAR CARTILAGE CELLS**
Cristina Ruiz-Romero
- P1128 - **INVESTIGATION OF THE IMPACT OF ARISTOLOCHIC ACID AND OCHRATOXIN A ON RENAL TUBULAR CELLS PROTEOME**
Ivana Pesic
- P1129 - **PROTEOMIC ANALYSIS OF HISTONE DEACETYLASE INHIBITOR SENSITIVITY IN LYMPHOID MALIGNANCIES**
Kazuyasu Fujii
- P1130 - **GALECTIN-3-INDEPENDENT DOWN-REGULATION OF GABBR1 BY THE TREATMENT OF KOREAN HERBAL EXTRACT HAD-B REDUCES PROLIFERATION OF HUMAN COLON CANCER CELLS**
Kyung-Hee Kim
- P1131 - **NEW INSIGHTS IN DOXORUBICIN CARDIOTOXICITY BY A PHOSPHOPROTEOMICS APPROACH**
Malgorzata Tokarska-Schlattner
- P1132 - **URINARY EXCRETION OF COMPLEMENT COMPONENT C3 ASSOCIATED TO ACUTE KIDNEY INJURY INDUCED BY AN OVERDOSE OF NSAID IN AN ANIMAL MODEL**
Mari Palviainen
- P1133 - **SERUM GLYCOME OF TUBERCULOSIS INFECTED RATS : A PRE-CLINICAL ALTERNATIVE TO IDENTIFY POTENTIAL BIOMARKERS OF INFECTION AND DRUG RESPONSE**
Marie Christine Slomianny
- P1134 - **QUANTITATIVE PROTEOMIC ANALYSIS OF AZATHIOPRINE-INDUCED HEPATOTOXICITY IN RAT PRIMARY HEPATOCYTES**
Pyong-Gon Moon
- P1135 - **EFFECTS OF METALLIC NANOPARTICLES ON MURINE MACROPHAGES**
Sarah Triboulet
- P1136 - **QUANTITATIVE PROTEOMIC PROFILING USING μ HPLC-MS/MS FOR TOXICITY PREDICTION IN HUMAN ORGAN MODEL SYSTEMS**
Silke Ruzek
- P1137 - **EFFECTS OF SUBLETHAL DOSES OF DELTAMETHRIN AND IMIDACLOPRID ON THE NICOTINIC ACETYLCHOLINE RECEPTOR IN THE BRAIN OF THE HONEYBEE (APIS MELLIFERA L.)**
Ting Zhou

Posters

P1138 - PROTEOMIC SUB-CELLULAR FRACTION ANALYSIS OF MCF-7 CELLS AFTER TREATMENT ATRAZINE AND PCB 153

Tommaso Serchi

P1139 - AGMATINE EFFECT ON TOXIN PRODUCTION OF THREE FUSARIUM GRAMINEARUM STRAINS: A PROTEOMIC APPROACH

Tommaso Serchi

P1140 - PHARMACOPROTEOMIC ANALYSIS OF THREE DIFFERENT CHONDROITIN SULFATE COMPOUNDS IN HUMAN CHONDROCYTES CULTURES

Valentina Calamia

DATA AND KNOWLEDGE

P1142 - PEPTIDOMICS OF BOTHROPS COTIARA, BOTHROPS FONSECAI AND BOTHROPS JARARACA VENOMS: INSIGHTS INTO THE MOLECULAR DIVERSIFICATION OF PEPTIDOMES

Alexandre Keiji Tashima

P1143 - INCREASING SEQUENCE COVERAGE FOR THE PROTEINS IDENTIFIED BY DATA-DEPENDENT LC-MS/MS RECRUITING HIGH-RESOLUTION MASS-SPECTRA FROM REGULAR LC-MS RUNS

Alexey Chernobrovkin

P1144 - PROBABILISTIC INFERENCE OF PROTEIN COMPLEXES ORGANIZATION FROM EXPERIMENTAL DATA

Jacques Colinge

P1145 - MASSWIZ: A NOVEL SCORING SCHEME SENSITIVE TO INTENSITY AND MASS ACCURACY WITH AN INTEGRATED TARGET DECOY BASED FDR ANALYSIS PIPELINE FOR TANDEM MASS SPECTROMETRY

Amit Kumar Yadav

P1146 - AMERSHAM ECL GELS SYSTEM – CONVENIENT HORIZONTAL ELECTROPHORESIS

Anders Marcusson

P1147 - QUANTITATIVE WESTERN BLOTTING WITH AMERSHAM ECL PRIME

Anders Marcusson

P1148 - IMPROVED SENSITIVITY IN LABEL FREE TECHNOLOGIES PROVIDE NEW POSSIBILITIES FOR STRUCTURE FUNCTION STUDIES

Anders Marcusson

P1149 - CONSOLIDATING HUMAN PROTEOME PROJECT USING KNOWLEDGE-BASED BIOINFORMATICS: FOCUS ON 18-TH CHROMOSOME

Andrey V Lisitsa

P1150 - MITIGATING BOTTLENECKS IN SHOTGUN PROTEOMICS BY NOVEL INSTRUMENTATION

Annette Michalski

Posters

- P1151 - **MORE ACCURATE CONTROL OF THE FALSE DISCOVERY RATE IN MASS SPECTROMETRY BASED PEPTIDE IDENTIFICATION**
Bin Ma
- P1152 - **COMPARISON OF HCD AND CID ON A LTQ-ORBITRAP VELOS MASS SPECTROMETER**
Chen Shao
- P1153 - **INTEGRATION OF A CENTRAL PROTEIN REPOSITORY INTO A STANDARD DATA PROCESSING APPLICATION FOR MINING PROTEOMICS DATA**
Christian Ravensborg
- P1154 - **PTPATLAS – A PUBLIC MULTI-SPECIES COMPENDIUM OF PREDICTED PROTEOTYPIC PEPTIDES**
David Scott Campbell
- P1155 - **RTCATALOG: TPP INTEGRATED OPEN-SOURCE SOFTWARE TOOL FOR CATALOGING OF SEQUENCE SPECIFIC RETENTIONS OF PEPTIDES ON LIQUID CHROMATOGRAPHY SYSTEMS**
David Shteynberg
- P1156 - **REGULAR PATTERNS FOR THE SELECTIVE UTILIZATION OF STRUCTURAL FACTORS CONTRIBUTING TO BIOLOGICAL COMPLEXITY**
Dong Yang
- P1157 - **AUTOMATED TEXT-MINING USING MEDICAL SUBJECT HEADINGS VERSUS BIOCURATION DATA FOR ASSESSMENT HUMAN 18-TH CHROMOSOME MEDICAL SIGNIFICANCE**
Elena A. Ponomarenko
- P1158 - **IMPROVING DISCOVERY AND INTERPRETATION IN PROTEOMICS WITH SPIRE**
Eugene Kolker
- P1159 - **MOPED: MODEL ORGANISM PROTEIN EXPRESSION DATABASE**
Eugene Kolker
- P1160 - **TOWARDS A COMPREHENSIVE RESOURCE ON THE GLYCOBIOLOGY OF INFECTION**
Frederique Lisacek
- P1161 - **BREAKING THE 2000 PROTEINS BARRIER IN A STANDARD LC RUN USING A NEW BENCHTOP ORBITRAP INSTRUMENT AND MULTIPLE SEARCH ENGINES**
Hans Grensemann
- P1162 - **BUILDING UNIDENTIFIED TANDEM MASS SPECTRAL LIBRARIES FOR BIOLOGICAL SAMPLE FINGERPRINTING**
Henry Lam
- P1163 - **EVALUATION OF DROSOPHILA MELANOGASTER PROTEIN COMPLEXES USING AN INFORMATION THEORETIC ALGORITHM**
Irina Armean

Posters

- P1164 - **A PARALLELIZED SEARCH ENGINE FOR MULTI-CORE CPUS**
James Shofstahl
- P1165 - **UTILIZING PROTEOMICS TO CHARACTERIZE THE COMPLEXITY OF SNAKE VENOMS**
Jaya Vejjayan
- P1166 - **PROTEIN QUANTIFICATION BY PEPTIDE QUALITY CONTROL (PQPQ) WILL ENHANCE THE KNOWLEDGE OUTPUT FROM MASS SPECTROMETRY BASED SHOTGUN PROTEOMICS DATA**
Jenny Forshed
- P1167 - **PERIPHERAL NERVE INJURIES INCREASE THE FUNCTIONAL EXPRESSION OF CHEMOKINE RECEPTOR CCR2 PROTEIN IN THE DORSAL ROOT GANGLIA**
Jihu Sun
- P1168 - **PREPARATION OF ANTI-OXYTETRACYCLINE MONOCLONAL ANTIBODIES AND DEVELOPMENT OF MONOCLONAL ANTIBODY-BASED ASSAY TO DETECT RESIDUE OF OXYTETRACYCLINE IN HONEY**
Jing Zhao
- P1169 - **A METABOLOMIC STUDY ON A SPECIFIC PATHWAY CHANGE IN HUMAN CELLS DURING DRUG TREATMENT**
Joachim Thiemann
- P1170 - **DEVELOPMENT OF TESTING PROTOCOLS FOR NANO-LC COLUMNS**
Joanna Freeke
- P1171 - **HIGH PERFORMANCE QUALITATIVE AND QUANTITATIVE ANALYSIS OF PROTEOMICS SAMPLES ON A NOVEL QTOF MASS SPECTROMETER SYSTEM**
Christof Lenz
- P1172 - **AUTOMATED ANALYSIS OF TARGETED MASS SPECTROMETRY PROTEOMICS DATA**
Johan Teleman
- P1173 - **EFFECTIVE DISPLAY OF WHOLE PROTEOMIC DATA SETS WITH VORONOI TREEMAPS**
Jörg Bernhardt
- P1174 - **PRIDE INSPECTOR: HOW TO PERFORM A THOROUGH REVIEW OF MS PROTEOMICS DATA**
Juan Antonio Vizcaino
- P1175 - **PAA – PROTEIN ASSEMBLY ALGORITHM**
Julian Uszkoreit
- P1176 - **OPTIMIZING CHOICE OF FRAGMENTATION AND ANALYSIS MODES TO MAXIMIZE SENSITIVITY, SPEED, AND SPECTRAL QUALITY IN HYBRID LINEAR TRAP ORBITRAP MASS SPECTROMETERS**
Justin Blethrow
- P1177 - **OPTIMIZATION OF DATA PROCESSING STRATEGIES IN PROTEOGENOMICS EXPERIMENTS**
Karsten Krug

Posters

- P1178 - **PROTEAN I12 IEF CELL: A VALUABLE TOOL FOR OPTIMIZATION OF FIRST DIMENSION IEF CONDITIONS**
Katy McGirr
- P1179 - **DEFINING A STANDARD FOR COOPERATIVE INTERACTIONS**
Kim Van Roey
- P1180 - **TAGGING OF CYSTEINE TO FACILITATE PEPTIDE MASS FINGERPRINTING**
Liang Qiao
- P1181 - **NEW FUNCTIONALITY FOR THE TRANS-PROTEOMIC PIPELINE: TOOLS FOR THE ANALYSIS OF PROTEOMICS DATA**
Luis Mendoza
- P1182 - **QUIXOT, A POWERFUL SOFTWARE PLATFORM TO PERFORM QUANTIFICATION AND STATISTICAL ANALYSIS OF SIL EXPERIMENTS USING DIFFERENT MS INSTRUMENTS**
Marco Trevisan-Herraz
- P1183 - **A FULLY AUTOMATED SOLUTION FOR QUALITY CONTROL OF BIOLOGICAL THERAPEUTICS**
Markus Lubeck
- P1184 - **IMPLEMENTING A COMPLETE PRACTICAL PROTEOMICS WORKFLOW FOR CLINICAL RESEARCH IN PURE**
Martin Eisenacher
- P1185 - **INCREASED ANALYTICAL PERFORMANCE ON A HYBRID IONTRAP-FTMS MASS SPECTROMETER WITH A COMPACT ORBITRAP MASS ANALYZER**
Martin Zeller
- P1186 - **HUMAN GLOMERULUS PROTEOME: COMPARISON BY ANTIBODY-BASED AND MASS SPECTROMETRY-BASED PROTEOMICS**
Masaaki Nameta
- P1187 - **IMPROVING SEQUENCE COVERAGE BY COMBINING ESI-LC/MSMS AND MALDI-LC/MSMS DATA IN PROTEOMICS STUDIES**
Matthias Glueckmann
- P1188 - **SRMSTATS – AN OPEN-SOURCE SOFTWARE SUITE FOR PROTEIN QUANTIFICATION IN SRM EXPERIMENTS**
Meena Choi
- P1189 - **FROM MASS SPECTROMETRY-BASED DATASETS TO EXPRESSION PROFILE CLUSTERING ON BIOLOGICAL PATHWAY**
Michaela Scigelova
- P1190 - **THE UNIPROT KNOWLEDGEBASE: A REFERENCE FOR PROTEOMICS RESEARCH**
Michele Magrane

Posters

- P1191 - FAST AND EFFICIENT PROTEOLYSIS BY LASER-ASSISTED DIGESTION USING TRYPSIN-IMMOBILIZED MONOLITHIC ENZYME REACTOR
Mingxia Gao
- P1192 - COMPLETE DE NOVO SEQUENCING OF ALLERGENIC PROTEINS USING A NOVEL COMBINATION OF BOTTOM-UP PROTEOMICS, ACCURATE MOLECULAR MASS MEASUREMENT BY FTICR-MS AND SELECTED MS/MS ION MONITORING
Monica Carrera
- P1193 - INTEGRATING TRANSCRIPTOMICS AND PROTEOMICS USING GENESPRING SOFTWARE; A STUDY OF RAPAMYCIN TREATMENT ON HUMAN CELL LINE
Donna Potts
- P1194 - FEMALE URINARY PROTEOMICS INVESTIGATION OF EXOGENOUS AND PHYSIOLOGICAL HORMONES DEPENDENT CHANGES
Muthukumar Gunasekaran
- P1195 - CLOTHO: A NEW PROTEIN SCORING ALGORITHM FOR SHOTGUN PROTEOMICS
Nikolaos Berntenis
- P1196 - PROTIC WORKSHOP: A BIOINFORMATICS ENVIRONMENT FOR PROTEOME DATA VALIDATION, ANALYSIS AND INTEGRATION
Olivier Langella
- P1197 - AUTOMATED GLYCAN STRUCTURAL ISOMER DIFFERENTIATION USING BIOINFORMATICS TOOL
Rosa Viner
- P1198 - PROFILING PROTEOMEXCHANGE WITH PROTEE
Ruth Margaret McNally
- P1199 - USE OF MS ISOTOPE PROFILES FOR IMPROVED PEPTIDE IDENTIFICATION
Satoshi Okawa
- P1200 - 2-D ANALYSIS OF SEEDS OF CITRULLUS LANATUS AND PURIFICATION OF 11 KDA VICILIN LIKE GLYCOPROTEIN
Savita Yadav
- P1201 - THE CANDIDATE TARGET GENES OF S. CEREVISIAE YAP2 TRANSCRIPTION FACTOR
Seoyoung Bang
- P1202 - HEPABASE: A PROTEIN DATABASE FOR HEPATOCELLULAR CARCINOMA
Seul-Ki Jeong
- P1203 - A NOVEL MULTIDIMENSIONAL HILIC BASED PROTEOMIC APPROACH PROVIDES HIGH RESOLUTION SEPARATION INCREASING SENSITIVITY IN PROTEOME ANALYSIS
Shabaz Mohammed

Posters

P1204 - COMPUTATIONAL INFERENCE OF HIGH-QUALITY PHYSICAL PROTEIN CONTACTS FROM LARGE-SCALE PURIFICATIONS OF PROTEIN COMPLEXES

Sven-Eric M. Schelhorn

P1205 - MODEL-BASED QUANTIFICATION OF PROTEIN-PROTEIN INTERACTION SUB-NETWORKS FROM SPARSE PROTEOMIC MEASUREMENTS

Timothy Clough

P1206 - IPG-IEF FRACTIONATION OF PEPTIDES PRIOR TO LC/MS: OFF-GEL SEPARATION VS. IN-GEL SEPARATION USING A NOVEL INSTRUMENT

Tom Berkelman

P1207 - RAWPUTATOR - NEW A TOOL TO COMBINE PROTEOMIC DATA-MINING WITH METHOD DEVELOPMENT, RESULT VALIDATION AND QUALITY CONTROL

Torsten Ueckert

P1208 - PATHWAY LEVEL INTERPRETATION OF PROTEOMICS EXPRESSION DATA

Ufuk Kirik

P1209 - A NATIVE HIGH MOLECULAR WEIGHT MULTIPROTEIN COMPLEX FROM HUMAN SEMINAL PLASMA: PURIFICATION AND CHARACTERIZATION

Vikash Kumar Yadav

P1210 - PROTEOMIC PROFILING OF HUMAN LUNG EPITHELIAL CELLS EXPOSED TO ALPHA PARTICLE RADIATION

Vinita Chauhan

P1211 - ETD IS BETTER, PERIOD

Zefeng Zhang

CARDIOVASCULAR AND ATHEROSCLEROSIS

P1212 - EVALUATION OF A DERIVED-POLYACRYLAMIDE MEDIUM FOR PROTEIN SEPARATION BY GEL ELECTROPHORESIS

Alexia Ortiz

P1213 - PULMONARY ARTERY ROOT ANEURYSM AFTER THE ROSS PROCEDURE: A PROTEOME STUDY

Anna Chiarini

P1214 - DETERMINANTS OF PLATELET REACTIVITY IN ASPIRIN-TREATED CARDIOVASCULAR PATIENTS

Anne Zufferey

P1215 - REORGANIZATION OF CYCLIC NUCLEOTIDE SIGNALING PATHWAYS IN DILATED CARDIOMYOPATHIC HEARTS

Arjen Scholten

Posters

- P1216 - **RADIATION-INDUCED PROTEOME ALTERATIONS IN A HUMAN ENDOTHELIAL CELL LINE**
Arundhathi Sriharshan
- P1217 - **ANALYSES OF THE EFFECTS OF IMMUNOADSORPTION THERAPY ON THE MYOCARDIAL PROTEOME OF DCM PATIENTS BY LABEL-FREE QUANTITATIVE SHOTGUN PROTEOMICS OF HEART BIOPSIES**
Elke Hammer
- P1218 - **SECRETOME ANALYSIS OF HUMAN ATHEROSCLEROTIC ARTERIAL TISSUE REVEALS POTENTIAL MARKERS OF PATHOGENESIS**
Fernando Vivanco
- P1219 - **PROTEOMIC CHARACTERIZATION OF CIRCULATING ENDOTHELIAL CELLS AND CIRCULATING PROGENITOR ENDOTHELIAL CELLS**
Fernando Vivanco
- P1220 - **A PROTEOMIC FOCUS ON THE ALTERATIONS OCCURRING AT THE HUMAN ATHEROSCLEROTIC CORONARY INTIMA**
Fernando Vivanco
- P1221 - **PROTEOMIC APPROACH FOR THE IDENTIFICATION OF NOVEL PLASMA BIOMARKERS IN PATIENTS WITH BRUGADA SYNDROME**
Giovanni Cuda
- P1222 - **AORTIC STENOSIS VALVE SECRETOME ANALYSIS: NEW APPROACH TO UNDERSTANDING THIS PATHOLOGY**
Gloria Alvarez Llamas
- P1223 - **PROCESSED B-TYPE NATRIURETIC PEPTIDE IS A BIOMARKER OF POST-INTERVENTIONAL RESTENOSIS IN ISCHEMIC HEART DISEASE**
Hirotaka Fujimoto
- P1224 - **CHANGES IN HIGH-DENSITY LIPOPROTEIN PROTEOME IN PATIENTS WITH CORONARY DISEASE AFTER ANGIOPLASTY**
Inmaculada Jorge Cerrudo
- P1225 - **PROTEOMICS ANALYSIS OF CARDIAC EXTRACELLULAR MATRIX REMODELING IN A PORCINE MODEL OF ISCHEMIA-REPERFUSION INJURY**
Javier Barallobre-Barreiro
- P1226 - **QUANTITATIVE INTERACTION PROTEOMICS OF LONG QT SYNDROME PROTEINS IN CARDIAC TISSUE REVEALS A FUNCTIONAL LINK TO GENETIC VARIANTS ASSOCIATED WITH QT INTERVAL VARIATION IN THE GENERAL POPULATION**
Jesper Velgaard Olsen
- P1227 - **MONOAMINE OXIDASE A AND TRANSGLUTAMINASE 2 IDENTIFIED BY PROTEOMIC AND TRANSCRIPTOMIC ANALYSIS AS POTENTIAL THERAPEUTIC TARGETS IN A RAT MODEL OF HEART FAILURE**
Jiri Petrak

Posters

P1228 - PROTEOMIC AND BIOCHEMICAL ANALYSES REVEAL THE ACTIVATION OF UNFOLDED PROTEIN RESPONSE, ERK-1/2 AND S6 RIBOSOMAL PROTEIN SIGNALING IN EAM

Jong Bok Seo

P1229 - DEIMINATION OF HUMAN CARDIAC CONTRACTILE PROTEINS IN VIVO

Justyna Patrycja Fert-Bober

P1230 - IDENTIFICATION OF BIOMARKERS FOR ATHEROSCLEROSIS BY QUANTITATIVE PROTEOMICS

Lars Peter Kristensen

P1231 - IN VITRO BIOTINYLATION AND PROTEOMICS IDENTIFICATION OF ENDOTHELIAL CELL SURFACE PROTEINS POST RADIATION IN THE PURSUIT OF TARGETS FOR VASCULAR THERAPIES

Margaret Simonian

P1232 - TOWARDS A COMPLETE UNDERSTANDING OF PHYSIOPATHOLOGY OF ACUTE CORONARY SYNDROME THROUGH METABOLOMICS AND PROTEOMICS STUDIES

María G. Barderas

P1234 - A NOVEL BIOMARKER STRATEGY FOR KAWASAKI DISEASE BY TWO DIMENSIONAL BLUE NATIVE ELECTROPHORESIS AND SHOTGUN PROTEOMICS

Masaya Ikegawa

P1235 - EFFECT OF DICER DEPLETION ON THE CARDIAC PROTEOME

Melanie Abonnenc

P1236 - METABOLIC HOMEOSTASIS IS MAINTAINED IN MYOCARDIAL HIBERNATION BY ADAPTIVE CHANGES IN THE TRANSCRIPTOME AND PROTEOME

Melanie Abonnenc

P1237 - PROTEOMIC EXPRESSION PROFILING OF EX VIVO HUMAN OSTEOPROGENITOR CELLS

Renato Millioni

P1238 - THE PLASMA PROTEIN PROFILE OF PATIENTS WITH AAA IS SIGNIFICANTLY DIFFERENT TO THAT OF CONTROLS-A DISCOVERY STUDY

Saima Ehsan

P1239 - IDENTIFICATION OF DIVERGING ALTERNATIVE SPLICING AND PROTEIN EXPRESSION FINGERPRINTS IN THORACIC AORTIC ANEURYSMS

Sanela Kurtovic

P1240 - ATHEROSCLEROTIC PLAQUE PROTEIN SIGNATURE PREDICTIVE OF SECONDARY CARDIOVASCULAR EVENTS

Siu Kwan Sze

P1241 - TOTAL BODY IONIZING RADIATION CAUSES RAPID PROTEOMIC REMODELING OF CARDIAC TISSUE

Soile Tapio

Posters

- P1242 - **TIME-RESOLVED QUANTITATIVE PHOSPHOPROTEOMICS: NEW INSIGHTS INTO THE MAS RECEPTOR SIGNALING NETWORKS**
Thiago Verano-Braga
- P1243 - **THE SECRETOME OF AGGREGATIBACTER ACTINOMYCETEMCOMITANS STRAIN D7S**
Thomas Kieselbach
- P1244 - **HAPTOGLOBIN AS A POTENTIAL PROGNOSTIC BIOMARKER IN ACUTE MYOCARDIAL INFARCTION PATIENTS**
Tommaso Serchi
- P1246 - **IN-SILICO CHARACTERIZATION OF ECE-1 INHIBITORS**
Viswa Teja Saraschandra Srinivasa Colluru
- P1247 - **PROTEOMICS ANALYSIS OF THE SECRETOME OF ACTIVATED HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS**
Xiaoke Yin
- P1248 - **PROTEOMICS ANALYSIS OF THE EXTRACELLULAR MATRIX OF ABDOMINAL AORTIC ANEURYSMS**
Xiaoke Yin
- P1249 - **THE NOVEL AUTOPHAGY INDUCER, AUTOPHAGONIZER AS A POTENTIAL TREATMENT FOR ATHEROSCLEROSIS**
Yoon Sun Cho
- P1250 - **INACTIVATION OF THE MURINE MITOCHONDRIAL COMPLEXES I AND III BY IONIZING RADIATION**
Zarko Barjaktarovic

ORGANELLAR PROTEOMICS

- P1251 - **THE DICTYOSTELIUM MACROPINOCYTIC PROTEOME: A STEP TOWARDS A DEEP ANALYSIS OF MACROPINOCYTOSIS DYNAMICS**
Agnès Journet
- P1252 - **DIFFERENTIAL PROTEOMICS: IDENTIFICATION OF NOVEL DOMAIN SPECIFIC EPIDIDYMAL SPERM PROTEINS**
Amol Suryawanshi
- P1253 - **IDENTIFICATION OF NEW MARKER PROTEINS OF THE TRANS GOLGI NETWORK IN ARABIDOPSIS THALIANA**
Arnoud J. Groen
- P1254 - **SUBMITOCHONDRIAL PROTEIN LOCALIZATION REVEALED BY HIGH RESOLUTION MASS SPECTROMETRY-BASED PROTEIN CORRELATION PROFILING**
Dirk Martin Walther

Posters

- P1255 - **PROTEOME ANALYSIS OF PLASTIDS ISOLATED FROM THE DEVELOPING ENDOSPERM OF JATROPHA CURCAS SEEDS**
Gilberto Barbosa Domont
- P1256 - **SECRETOME ANALYSIS ON HCC CELL LINES WITH DIFFERENT METASTATIC POTENTIAL BY ITRAQ LABELING FOLLOWED TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY AND TANDEM MASS SPECTROMETRY**
Huali Shen
- P1257 - **PROTEOMICS STUDY OF ARF TUMOUR SUPPRESSOR PATHWAY USING CANCER MODEL CELL LINES, NARF2 AND E6-NARF2**
Kayo Ono(Yamada)
- P1258 - **PROLOC, A UNIFYING BIOINFORMATICS FRAMEWORK FOR ORGANELLE PROTEOMICS**
Laurent Gatto
- P1259 - **A PATTERN IDENTIFICATION FRAMEWORK FOR GRADIENT-BASED ORGANELLE PROTEOMICS DATA**
Lisa Simpson
- P1260 - **PROTEOMIC ANALYSIS OF HUMAN PROTEIN REPLACEMENT STABLE CELL LINE ESTABLISHED BY NOVEL SNORNA KNOCK-IN VECTORS (SNOMEN)**
Motoharu Ono
- P1261 - **PROTEOME ANALYSIS OF GRANULA PROTEINS FROM NEUTROPHIL GRANULOCYTES**
Ole Østergaard
- P1262 - **PROTEOMIC ANALYSIS OF INTERMYOFIBRILLAR AND SUBSARCOLEMAL MITOCHONDRIA OF DIFFERENT MUSCLE TYPES**
Alexandre Panchaud
- P1263 - **QUANTITATIVE SUBPROTEOMIC ANALYSIS OF AGE-RELATED CHANGES IN MOUSE LIVER PEROXISOMES BY ITRAQ LC-MS/MS DURING AGING**
Susana Cristobal
- P1264 - **PROTEOMIC ANALYSIS OF GLIAL CYTOPLASMIC INCLUSIONS FROM POST-MORTEM MSA BRAIN TISSUE**
Tim Kennion Chataway
- P1265 - **AN EFFICIENT APPROACH FOR MITOCHONDRIAL MICRO-PREPARATION BY TISSUE INDEPENDENT MITOCHONDRIAL BIOMARKER**
Yawei Ru
- P1266 - **COMPARISON OF HUMAN GLOMERULUS PROTEOMIC PROFILES OBTAINED FROM SMALL SAMPLES COMPARABLE TO BIOPSY WITH THE COMPREHENSIVE DATABASE**
Ying Zhang

Posters

P1267 - MITOCHONDRIAL PROTEOMICS ANALYSIS OF TUMORIGENIC AND METASTATIC BREAST CANCER MARKERS

Yi-Wen Chen

P1268 - CHARACTERIZATION OF MITOCHONDRIA ISOLATED FROM PIG KIDNEY USING PROTEOMIC ANALYSIS AND HIGH-RESOLUTION RESPIROMETRY

Zdenek Tuma

P1269 - DETECTION OF CYTOKINES, CHEMOKINES, GROWTH FACTORS IN HUMAN PLASMA, SALIVA AND URINE

Alamgir Khan

PROTEIN ARRAYS

P1271 - ACCESSING THE INTERACTOME VIA MULTIPLEX FLOW CYTOMETRY: POTENTIAL CHALLENGES AND SOLUTIONS

Anya T Bida

P1272 - CHARACTERISATION OF AUTOIMMUNE ANTIBODIES OF PARKINSON'S DISEASE PATIENTS BY HIGH-DENSITY PROTEIN ARRAYS

Caroline May

P1273 - AUTOMATIC ANALYSIS OF HIGH DENSITY PROTEIN MICROARRAYS

Caroline May

P1275 - IMPACT OF TARGETED THERAPEUTICS ON LIGAND-INDUCED ERBB SIGNALING IN BREAST CANCER CELL LINES

Frauke Henjes

P1276 - PROTEIN EXPRESSION PROFILING OF ARCHIVED TISSUE SECTIONS USING RECOMBINANT ANTIBODY MICROARRAYS

Frida Pauly

P1277 - NETWORK ANALYSIS OF GENE AND PROTEIN PROFILING OF HUMAN SALIVA FROM PATIENTS WITH PRIMARY SJÖGREN'S SYNDROME

Hui Zhou

P1278 - ANTIBODY COLOCALIZATION MICROARRAY USING CHIP-TO-CHIP TRANSFER

David Juncker

P1279 - GLOBALLY CONSTRUCTING SUMOYLATION NETWORKS UTILIZING PROTEIN MICROARRAYS

Ijeoma Uzoma

P1280 - PHARMACO-PROTEOMIC ANALYSIS OF A NOVEL CELL-PERMEABLE PEPTIDE INHIBITOR OF TUMOR-INDUCED ANGIOGENESIS

In-Cheol Kang

Posters

- P1281 - **A NOVEL NADP+- ALCOHOL DEHYDROGENASE FROM EUGLENA GRACILIS Z**
Iqbal Munir
- P1282 - **MULTIPLE AUTOANTIBODIES DETECTION FOR BULLOUS PEMPHIGOID DIAGNOSIS BY PROTEIN MICROARRAY**
Isabelle Annessi-Ramseyer
- P1283 - **ON-CHIP ACTIVITY ASSAY OF BLOOD COAGULATION FACTOR XIII USING FIBRINOGEN ARRAYS**
Kwon-Soo Ha
- P1284 - **DESIGN OF MULTIPLEXED PLANAR RECOMBINANT ANTIBODY NANOARRAYS FOR SERUM PROTEIN PROFILING**
L Petersson
- P1285 - **PRESENTING AN ALTERNATIVE TEST STATISTIC FOR THE IDENTIFICATION OF DIFFERENTIALLY EXPRESSED PROTEINS IN SUBGROUPS OF PATIENTS**
Maike Ahrens
- P1286 - **FUNCTIONAL PROTEOMICS APPROACHES FOR HIGH-THROUGHPUT DETERMINATION OF SMALL MOLECULES INTERACTIONS ON CKIT**
Manuel Fuentes
- P1287 - **QUANTITATIVE ANALYSES OF DRUG EFFECTS USING A COMPLEX CELL CULTURE MODEL OF THE HUMAN GUT**
Michael Schmohl
- P1288 - **FEATURE SELECTION IN PROTEIN MICROARRAY DATA ANALYSIS**
Michael Turewicz
- P1289 - **A NOVEL METHOD FOR CARBOXY TERMINAL SEQUENCE ANALYSIS**
Minbo Liu
- P1290 - **THE IMPORTANCE OF SERUM QUALITY IN IMMUNE RESPONSE PROFILING WITH PROTEIN MICROARRAYS**
Miriam Böckmann
- P1291 - **PROTEOMIC PROFILING OF LARGE COHORT OF PANCREATIC CANCER PATIENTS USING ANTIBODY ARRAY**
Mohamed Saiel Saeed Alhamdani
- P1292 - **SNAPSHOTS OF PROTEIN DYNAMICS AND POSTTRANSLATIONAL MODIFICATIONS IN ONE EXPERIMENT – BETA-CATENIN AND ITS FUNCTIONS**
Oliver Poetz
- P1293 - **MULTIPLEX LIGAND FISHING IN HUMAN PLASMA USING SUPRA MS APPROACH : SURFACE PLASMON RESONANCE ARRAY –MASS SPECTROMETRY**
Patrick Ducoroy

Posters

- P1294 - **PARYS, A WEB SERVER FOR MANAGING REVERSE-PHASE PROTEIN ARRAY PLATFORM DATA**
Patrick Poulet
- P1295 - **ANALYSIS OF PROTEIN CHANGES IN MATERNAL PLASMA SAMPLES RELEVANT TO INFANT BIRTH WEIGHT**
Premkumari Kumarathasan
- P1296 - **A PATH TO HIGH PERFORMANCE IMMUNOASSAYS COVERING THE ENTIRE GENE ENCODED PROTEOME BY MULTIPLEX PROXIMITY PROBING ASSAYS**
Simon Fredriksson
- P1297 - **SECONDARY ANALYSIS OF SPR BASED ARRAYS BY DIRECT USE IN MALDI TIME OF FLIGHT MASS SPECTROMETER**
Steven H Roth
- P1298 - **ELUCIDATING THE CROSSTALK BETWEEN EGFR AND HH/GLI SIGNALING USING TRANSCRIPTOMICS AND PROTEOMICS**
Ulrike Korf
- P1299 - **APOPTOTIC PROTEOME IN HUMAN PRIMARY PTERYGIUM**
Victor Manuel Bautista De Lucio
- P1300 - **LARGE-SCALE PROTEIN MICROARRAY SCREENING FOR EXTRACELLULAR PROTEIN INTERACTIONS INVOLVED IN PLATELET AGGREGATION**
Yi Sun
- P1301 - **PROTEIN CHIP SCREENING OF AN INHIBITOR FOR INFLUENZAE NEURAMINIDASE FROM MOLECULAR DOCKING SIMULATION WITH MULTIPLE NEURAMINIDASE STRUCTURE**
Youngjin Choi
- P1302 - **DETECTION OF THE PROTEIN BIOMARKERS IN SERUM RELATED WITH GASTRIC CANCER USING ARRAY-ELISA**
Yuan Wang
- P1303 - **NANOWIRE BIOSENSOR FOR PROTEIN DETECTION**
Yurii Ivanov
- P1304 - **PROTEOMIC MAPPING OF KIDNEY ENDOTHELIAL CELL SURFACE PROTEINS**
Zan Liu

FUNCTIONAL PROTEOMICS

- P1305 - **PROTEOMICS REVEALS MICROHETEROGENEITY OF PROSTATE SPECIFIC ANTIGEN IN CLINICAL SAMPLES**
Ákos Végvári

Posters

- P1306 - **COMBINATION MOLECULAR FISHING, SPR BIOSENSING AND LC-MS/MS SPECTROMETRY FOR INTERACTOMICS RESEARCH OF PROTEINS CODED BY GENES OF CHROMOSOME 18**
Alexis S Ivanov
- P1307 - **TARGETS OF HF3, A SNAKE VENOM METALLOPROTEINASE, IN HUMAN PLATELETS**
Aline Soriano Lopes
- P1308 - **CAUGHT IN THE ACT: LIGAND-BASED RECEPTOR CAPTURING (LRC) ON LIVING CELLS**
Andreas Frei
- P1309 - **INVARIANT NATURAL KILLER T CELLS ARE INVOLVED IN THE COMPLEMENT ACTIVATION AND MUCUS PRODUCTION DURING ASTHMA DEVELOPMENT**
Anne Puustinen
- P1310 - **FULLY AUTOMATED CAPILLARY ELECTROPHORESIS SYSTEM FOR WESTERN ANALYSIS USING ON-LINE STACKING AS AN EASY TOOL FOR THE ENHANCEMENT OF SENSITIVITY AND RESOLUTION**
Annegret Boge
- P1311 - **FRACTIONATION OF PLASMA AND CELL LYSATE SAMPLES WITH PROTEOMINER: OPTIMIZATION OF LYSIS, BINDING AND ELUTION BUFFER IN DIFFERENT PROTEOMIC WORKFLOWS**
Aran Paulus
- P1312 - **PREPARATIVE ISOELECTRIC FOCUSING WITH THE MICO-ROTOFOR TO INCREASE LOW-ABUNDANCE PROTEIN DETECTION AND SPOT COUNTS IN 2-D GEL ELECTROPHORESIS**
Aran Paulus
- P1313 - **HUMLOC: A ONE STOP SHOP FOR PROTEIN SUBCELLULAR LOCATION AND EFFECT OF MUTATIONS ON LOCATION**
Arcadio Rubio García
- P1314 - **CHARACTERIZATION OF SERUM PROTEINS INTERACTING WITH NANOPARTICLES**
Arnaud Lamarca
- P1315 - **CHARACTERIZATION OF THE HUMAN OVARIAN FOLLICULAR FLUID PROTEOME**
Assunta Gagliardi
- P1316 - **DEVELOPMENT OF ANALYTICAL AND COMPUTATIONAL MS/MS METHODS FOR PROTEASE CLEAVAGE SITE IDENTIFICATION**
Bart Van Den Berg
- P1317 - **STRUCTURAL AND FUNCTIONAL CHARACTERISATION OF NATURALLY OCCURRING VARIANTS OF THE PHYSIOLOGICAL CATECHOLAMINE RELEASE-INHIBITORY PEPTIDE CATESTATIN**
Bhavani Shankar Sahu
- P1318 - **THE GENOME-WIDE PROTEIN RELOCATION MAP DISCOVERS THE DYNAMIC PROTEIN COMPLEX AS ESSENTIAL FOR HUMAN NSC DIFFERENTIATION TO OLIGODENDROCYTE**
Bonghee Lee

Posters

- P1320 - **DISSECTING CALCIUM CHANNEL ASSOCIATED PROTEIN NETWORKS IN BRAIN**
Catrin Swantje Müller
- P1321 - **DIFFERENTIAL PROTEOME ANALYSIS IN GASTROCNEMIUS, TIBIALIS AND DIAPHRAGM MUSCLES OF COL6A1 KNOCKOUT MICE AND EFFECTS OF CYCLOSPORIN A TREATMENT**
Cecilia Gelfi
- P1322 - **ATTENUATING ISCHEMIA-HYPOXIA-INDUCED H9C2 MYOBLASTS APOPTOSIS AND AUTOPHGY BY THERAPEUTIC HYPOTHERMIA: INVOLVEMENT OF HEAT SHOCK 20 AND 27 PROTEINS EXPRESSION**
Che-Chuan Wang
- P1324 - **COMPARATIVE PROTEOMIC ANALYSIS OF VIBRIO PARAHAEMOLYTICUS PRTA-DEFICIENT MUTANT**
Chii-Jaan Chen
- P1325 - **MODULATION OF THE HYPOTHALAMIC PROTEOME IN A RAT MODEL OF HEATSTROKE BY WHOLE BODY COOLING THERAPY**
Ching-Ping Chang
- P1326 - **PROTEOMICS OF BLOOD-BRAIN BARRIER ENDOTHELIAL CELLS: FRACTIONATED SOLUBILISATION AND LC MS/MS USING LABEL FREE AND STABLE ISOTOPE LABELING APPROACHES**
Christophe Flahaut
- P1327 - **FUNCTIONAL CHARACTERIZATION OF KPNA2**
Chun-I Wang
- P1328 - **MULTIVARIATE ANALYSIS OF BALF PROTEIN EXPRESSION PROFILES CAN HELP TO DISTINGUISH BETWEEN INTERSTITIAL LUNG DISEASES**
Claudia Landi
- P1329 - **PROTEOMIC ANALYSIS OF SEMEN INDUCED CHANGES IN THE RABBIT OVIDUCT**
Corina Mayrhofer
- P1330 - **QUANTITATIVE PROTEOMICS STUDY OF SILAC LABELED HUMAN BONE MARROW MESENCHYMAL STEM CELLS UNDERGOING CHONDROGENIC DIFFERENTIATION**
Cristina Ruiz-Romero
- P1331 - **TOWARDS TOP-DOWN IDENTIFICATION, DETERMINATION OF SEQUENCE TERMINI OF INTACT PROTEINS IN MIXTURES OF MODERATE COMPLEXITY**
Detlev Suckau
- P1332 - **DIFFERENTIAL PROTEIN EXPRESSION ANALYSIS OF ARABIDOPSIS LEAF EXTRACTS TO STUDY METHIONINE CHAIN-ELONGATION**
Dietrich Merkel
- P1333 - **TEMPERATURE CONTROL OF SEPARATION COLUMN OF ULTRA-HIGH PRESSURE MICROCAPILLARY LIQUID CHROMATOGRAPHY/TANDEM MASS SPECTROMETRY - EFFECTS AND POTENTIALS ON PROTEOMIC ANALYSIS**
Dong-Gi Mun

Posters

- P1334 - HIGHER LEVELS OF PROTEIN IDENTIFICATION USING CHIP BASED NANOLC COLUMNS
Eike Loge
- P1335 - INCREASED THROUGHPUT IN PROTEOMIC NANO LC-MS ANALYSIS USING LC CHIPS WITH TWO-COLUMN SWITCHING
Eike Loge
- P1336 - REVEALING DYNAMIC PROTEIN KINASE COMPLEXES VIA CROSSLINKING, SDS-PAGE AND MASS SPECTROMETRY
Elena Rudashevskaya
- P1337 - FUNCTIONAL CHARACTERIZATION OF HMGA/NPM INTERACTION
Elisa Maurizio
- P1338 - SYSTEMS ANALYSIS OF BUDDING YEAST FERMENTATION AND RESPIRATION
Emmanuelle Becker
- P1339 - ACCESSING THE TESTICULAR GERM CELL SECRETOME WITH "COMBINATORIAL OMICS": A MAJOR BREAKTHROUGH IN DECIPHERING THE GERM CELL-SERTOLI CELL DIALOGUE
Emmanuelle Com
- P1340 - QUANTITATIVE PROTEOME PROFILING COMPARISON OF LACTOFERRIN TREATED AND DELTA-LACTOFERRIN EXPRESSING MDAMB-231 CELLS USING A SILAC APPROACH
Esthelle Hoedt
- P1341 - INTERACTOME OF AMYLOIDOGENIC IMMUNOGLOBULIN LIGHT CHAINS (LC) IN CARDIAC CELLS
Francesca Lavatelli
- P1342 - PHOSPHORYLATION OF S158 OF PROTEASOME BETA1 SUBUNIT REGULATES ITS ROLES IN DEGRADATION OF BOTH NON-UBIQUITYLATED AND UBIQUITYLATED P27KIP1
Fuqiang Yuan
- P1343 - THE USE OF PROTEOMICS TO ELUCIDATE THE TOLEROGENTIC HUMAN DENDRITIC CELL PHENOTYPE INDUCED BY 1,25-DIHYDROXYVITAMIN D3 AND DEXAMETHASONE
Gabriela Bomfim Ferreira
- P1345 - LARGE SCALE STUDY OF SUB CELLULARLY DISTINCT PROTEOMIC AND PHOSPHOPROTEOMIC DATA DURING POLARIZED CELL MIGRATION
Georgios Fengos
- P1346 - ANALYSIS OF HUMAN EMBRYONIC STEM CELLS "DEPOSITOME"
Gilles Lajoie
- P1347 - CLICK CHEMISTRY-BASED CAPTURING OF CROSS-LINKED PEPTIDES FOR COMPREHENSIVE AND EFFICIENT MAPPING OF JUXTAPOSED LYSINES ON THE SURFACE OF LARGE PROTEIN COMPLEXES
Hansuk Buncherd

Posters

- P1348 - FUNCTIONAL PROTEOMICS REVEALED AN IMPORTANT ROLE OF EUKARYOTIC INITIATION FACTOR 5A (EIF5A) IN STEM CELL DIFFERENTIATION
Hassan Dihazi
- P1349 - FUNCTIONAL PROTEOMICS ANALYSES IDENTIFY PARK7 AS AN IMPORTANT PLAYER FOR RENAL CELL RESISTANCE AND SURVIVAL UNDER OXIDATIVE STRESS
Hassan Dihazi
- P1350 - SHOTGUN PROTEOME ANALYSIS UTILISING MIXED MODE (REVERSED PHASE-ANION EXCHANGE CHROMATOGRAPHY) IN CONJUNCTION WITH REVERSED PHASE LIQUID CHROMATOGRAPHY MASS SPECTROMETRY ANALYSIS
Helen Phillips
- P1351 - DIFFERENTIAL PROTEIN EXPRESSION LEVEL IDENTIFICATION BY KNOCK OUT 14-3-3 WITH SIRNA TECHNIQUE BY USING ITRAQ LABELING FOLLOWED TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY AND TANDEM MASS SPECTROMETRY
Hong Jin
- P1352 - STUDY ON THE CLEAVAGE CHARACTERISTIC AND SUBSTRATE SPECIFICITY OF HUMAN CATHEPSIN D
Huiying Sun
- P1353 - SECRETOME ANALYSIS OF BONE MARROW STEM CELLS FROM HUMAN MANDIBLE AND IDENTIFICATION OF SERPINE2 AS AN IMPORTANT REGULATOR IN OSTEOGENESIS
Hye-Jeong Park
- P1354 - APPLICATIONS OF MICROWAVE SYSTEM ON ENZYMATIC REACTION
Hyoyoung Mun
- P1355 - ANALYSIS OF THE C. ELEGANS PROTEOME: SEEING MORE BY LOOKING AT LESS
Inge Mertens
- P1356 - 2-DE-BASED AND LC-LABEL-FREE PROTEOMICS STUDIES OF SEED DEVELOPMENT IN HOLM OAK (QUERCUS ILEX)
Inmaculada Redondo López
- P1357 - QUANTITATIVE PROFILING OF CAMP BINDING PROTEINS USING FUNCTIONAL PROTEOMICS
Yan Luo
- P1358 - TWO-DIMENSIONAL ELECTROPHORESIS USED IN THE ISOLATION OF RHODOCETIN FROM CALLOSELASMA RHODOSTOMA (MALAYAN PIT VIPER) VENOM
Jaya Vejayan
- P1359 - STABLE ISOTOPE LABELING BY AMINO ACIDS IN CELL CULTURE - BASED PARALLEL AFFINITY PURIFICATION (SILAC-PAP): A POWERFUL STRATEGY FOR PROTEIN-PROTEIN INTERACTION STUDY
Jayantha Gunaratne

Posters

- P1360 - SAHA CAPTURE COMPOUND – A NOVEL TOOL FOR PROFILING HDACS AND IDENTIFYING ADDITIONAL VORINOSTAT BINDERS
Jenny J. Fischer
- P1361 - GEL-FREE/LABEL-FREE ANALYSIS TO STUDY THE SECRETOME OF BOTRYTIS CINEREA
Jesús V. Jorrín Novo
- P1362 - PROTEOMIC ANALYSIS OF HONEYBEE (APIS MELLIFERA L.) PUPAE HEAD DEVELOPMENT
Jianke Li
- P1363 - IDENTIFYING MORE PEPTIDES AT LOWER FALSE DISCOVERY RATE WITH PEAKSDB SOFTWARE
Jing Zhang
- P1364 - PROTEOME ANALYSIS OF LOW ABUNDANCE PROTEINS IN BEE VENOM
Jing Zhao
- P1365 - PROTEOMIC CHANGES IN RAT HYPOTHALAMUS FOLLOWING HEATSTROKE-INDUCED CEREBRAL ISCHEMIA AND NEURONAL DAMAGE
Jinn-Rung Kuo
- P1366 - SUBTYPING OF AMYLOIDOSIS BY DIRECT PROTEOMIC ANALYSIS OF FIXED BIOPSY SAMPLES
Joelle Vinh
- P1367 - PROTEOME-WIDE PROFILING OF DEUBIQUITYLATING ENZYMES IN SACCAROMYCES CEREVISIAE BY QUANTITATIVE MASS SPECTROMETRY
Jon Wriedt Poulsen
- P1368 - SALT STRESS-INDUCED ALTERATIONS IN THE ROOT PROTEOME OF AMARANTH
José Ángel Huerta Ocampo
- P1369 - INVOLVEMENT OF BAG2 IN C-MYC SUPPRESSION INDUCED CELL SENESCENCE
Ju Zhang
- P1370 - CHARACTERIZATION OF PROTEIN-PROTEIN INTERACTION PARTNERS OF HUMAN IFIT1-3 PROTEINS IN HSV-1 INFECTION
Juho Jalmari Miettinen
- P1371 - ANALYSIS OF THE ENDOGENOUS REGULATORY HUMAN COMPLEXOME
Jun Qin
- P1372 - SUBEROYLANILIDE HYDROXAMIC ACID (SAHA) AFFECTS FOCAL ADHESION SIGNALING IN HUMAN LEUKEMIC CELLS
Katerina Kuzelova
- P1373 - RELATIONS BETWEEN TUMOR SUPPRESSOR P53 AND NUCLEOLAR PROTEINS IN ACTINOMYCIN D-TREATED CELLS
Katerina Kuzelova

Posters

- P1374 - PHENOTYPIC PLASTICITY IN DAPHNIA: AN ECOLOGICAL PROTEOMIC APPROACH
Kathrin Otte
- P1375 - CYS-TAGGED STATHMIN CHIP AS A POWERFUL TOOL FOR INTERACTOMICS AND KINOMICS
Kazuyuki Nakamura
- P1376 - ION MOBILITY ENHANCED HYDROGEN-DEUTERIUM EXCHANGE MASS SPECTROMETRY
Keith Compson
- P1377 - HIGH THRUPUT SUBSTRATE MAPPING OF HUMAN KINASES
Klaus-Peter Stengele
- P1378 - IDENTIFICATION OF NOVEL UP-REGULATED VIRULENCE-ASSOCIATED PROTEINS IN STREPTOCOCCUS INIAE USING QUANTITATIVE PROTEOMICS
Kylie Muio
- P1379 - A PROTEOMIC STUDY ON SKIN BIOPSIES OF BRITTLE IV MOUSE: AN ANIMAL MODEL OF OSTEOGENESIS IMPERFECTA
Laura Bianchi
- P1380 - INTEGRATIVE STUDY TO THE ALDO-KETO REDUCTASE FAMILY IN LIVER CANCER TISSUES AND CELL LINES
Lei Yang
- P1381 - A COMBINED PROTEOMICS AND METABOLOMICS STUDY OF HUMAN CONJUNCTIVAL EPITHELIAL CELLS IN RESPONSE TO OSMOTIC STRESS
Lei Zhou
- P1382 - STRUCTURAL ANALYSIS OF INTACT MONOCLONAL ANTIBODIES BY ELECTRON TRANSFER DISSOCIATION-BASED TOP-DOWN MASS SPECTROMETRY
Luca Fornelli
- P1383 - ROLE OF STAT-1 AND IRF-1 IN CYTOKINE-MEDIATED DYSFUNCTION AND DEATH IN MOUSE ISLETS OF LANGERHANS
Lut Overbergh
- P1384 - IDENTIFICATION OF NUCLEAR SUBSTRATES OF AKT/PKB IN HUMAN PROMYELOCYTIC LEUKEMIA CELLS BY COUPLING SPECIFIC MOTIF KINASE STRATEGY TO FUNCTIONAL PROTEOMICS
Manuela Piazzì
- P1385 - QUANTITATIVE PROTEOMICS COMBINED WITH BAC TRANSGENEOMICS REVEALS IN VIVO PROTEIN INTERACTIONS IN HIGH THROUGHPUT
Marco Yannic Hein
- P1386 - 2D-DIGE ANALYSIS OF AN IMMORTALIZED CELL LINE DERIVED FROM A CYSTIC FIBROSIS PATIENT
Maria Cipriano

Posters

- P1387 - **THE SILAC WORM – QUANTITATIVE IN VIVO PROTEOMICS AND TRANSCRIPTOMICS OF NEMATODE DEVELOPMENT**
Marieluise Kirchner
- P1389 - **CELIAC DISEASE AUTOANTIGEN TRANSGLUTAMINASE 2 BINDS HEPARIN/HEPARAN SULPHATE**
Meeme Utt
- P1390 - **DIFFERENTIAL REGULATION OF AQUAPORINS AND SMALL GTPASES PROTEINS IN RICE LEAVES SUBJECTED TO DROUGHT STRESS AND RECOVERY**
Mehdi Mirzaei
- P1391 - **EXPRESSION OF BETA-GLUCAN RECEPTOR USING A CELL SURFACE DISPLAY SYSTEM AND THE ENHANCED RECEPTOR EXPRESSION IN VIVO BY BIOACTIVE BETA-1,3/1,6-GLUCANS**
Mei-Li Wu
- P1392 - **A NEW HIGH CAPACITY MALDI TARGET FORMAT FACILITATING IMPROVED LC-MALDI ANALYSIS OF COMPLEX PROTEOMICS SAMPLES**
Michael Becker
- P1393 - **ISOLATION, CHARACTERIZATION, AND IMAGING ANALYSIS OF HUMAN MEDIATOR COMPLEXES USING HALOTAG TECHNOLOGY**
Michael M. Rosenblatt
- P1394 - **EFFECT OF SCO1 DELETION ON SACCHAROMYCES CEREVISIAE METABOLISM**
Michele Puglia
- P1395 - **C-SCORE, A CONFIDENCE SCORE FOR RELIABLE PROTEIN COMPLEX DETERMINATION FROM ORTHOGONAL, HIGH-PRECISION QUANTITATIVE MASS SPECTROMETRY EXPERIMENTS**
Mikhail M Savitski
- P1396 - **A LIQUID CHROMATOGRAPHY MASS SPECTROMETRY APPROACH FOR THE ANALYSIS OF HOST**
Milena Quaglia
- P1397 - **A ROBUST AND EFFECTIVE STRATEGY FOR COMBINING RESULTS OF MULTIPLE PEPTIDE IDENTIFICATION ENGINES**
Mingjie Xie
- P1398 - **A PROTEOMICS ANALYSIS REVEALS THE ROLE OF FRUCTOKINASE ON POLLEN VIABILITY IN RICE UNDER SALT STRESS**
Mitra Mohammadi Bazargani
- P1399 - **MIF SIRNA REGULATES PARTICULATE MATTER(PM)-INDUCED AIRWAY INFLAMMATION**
Moonhwan Choi
- P1400 - **SEPARATION AND CHARACTERIZATION OF ALKALINE PROTEASES FROM BACILLUS ISOLATED IN PAKISTAN**
Naaz Abbas

Posters

- P1401 - **PLASMA PROTEOME CHANGES IN PATIENTS WITH REFRACTORY CYTOPENIA WITH MULTILINEAGE DYSPLASIA**
Pavel Májek
- P1403 - **HUMAN-SPECIFIC FEATURES IN POSTNATAL BRAIN DEVELOPMENT**
Philipp Khaitovich
- P1404 - **THE BUDDING YEAST PROTEOME REVISITED: A NOVEL METHOD APPLIED TO COMPREHENSIVE PROTEIN IDENTIFICATION IN A SIMPLE EUKARYOTE**
Régis Lavigne
- P1406 - **METACASPASE SUBSTRATE SCREENING USING FILTER AIDED SAMPLE PREPARATION**
Robert Nilsson
- P1407 - **STRUCTURAL STUDIES OF HEREDITARY DYSFIBRINOGENS ASSOCIATED WITH THROMBOSIS**
Roman Kotlín
- P1408 - **PROFILING THE SERINE HYDROLASE SUPERFAMILY USING ACTIVITY-BASED PROBES**
Rosa I. Viner
- P1409 - **PROFILING KINASE INHIBITION USING ACTIVE-SITE PROBES AND TARGETED HIGH RESOLUTION, ACCURATE MASS SPECTROMETRY**
Rosa Viner
- P1410 - **EXPLORING MECHANISMS OF RESISTANCE TO C-MET INHIBITION AND THE IDENTIFICATION OF A NOVEL B-RAF FUSION PROTEIN IN GTL-16 GASTRIC CANCER CELLS USING MASS SPECTROMETRY**
Roslyn Dillon
- P1411 - **CHARACTERIZATION AND BUILDING UP A COMPREHENSIVE MURINE COLON PROTEOME CATALOGUE**
Sameh Magdeldin
- P1412 - **IDENTIFYING A NOVEL APOPTOSIS-EVASION FUNCTIONAL NETWORK IN HUMAN HEPATOMA CELLS VIA A PROTEOMICS APPROACH: NUCLEOPHOSMIN-BAX-P53**
Sen-Yung Hsieh
- P1413 - **IDENTIFICATION OF REDOX-ACTIVE CYSTEINE RESIDUES EMPLOYING CHEMICAL MODIFICATIONS COMBINING UPLC Q-TOF TANDEM MASS SPECTROMETRY**
Seul Gi Ha
- P1414 - **APPLICATION OF HEXAPEPTIDE LIBRARIES FOR ENHANCED PROTEIN DETECTION IN HUMAN CELLULAR LYSATES AND PROTEO-GENOMIC ANNOTATION**
Aran Paulus
- P1415 - **FUNTIONAL STUDIES OF HUMAN FAS-ASSOCIATED FACTOR 1 USING PROTEOMIC ANALYSIS: MODIFICATIONS OF N-DEGRON SUBSTRATE**
Su Hyun Oh

Posters

- P1416 - **DISEASE-RESPONSIVE FRUIT PROTEOME OF TOMATO ILLUSTRATES CROSS TALK OF DIVERSE CELLULAR PATHWAYS, DYNAMIC PROTEIN NETWORK AND EVOLUTIONARY PERSPECT**
Subhra Chakraborty
- P1417 - **PARTICLE STIMULATION DEPHOSPHORYLATES GLUTATHIONE S-TRANSFERASE PI 1 OF EPITHELIAL CELLS**
Tae-Hoon Kim
- P1418 - **QUANTITATIVE PHOSPHOPROTEOMIC APPROACH TO PROFILING OF MOUSE FETAL BRAIN**
Takeshi Shibata
- P1419 - **HIGH PERFORMANCE PROTEIN ENRICHMENT USING STREPTAVIDIN MAGNETIC BEADS**
Therese Granér
- P1420 - **ALTERATIONS TO LIVER TISSUE SUBPROTEOMES AFTER HEPATIC ISCHEMIA REPERFUSION INJURY AND ISCHEMIC PRECONDITIONING**
Thorsten Strahl
- P1421 - **ROLE OF ATAXIA TELANGIECTASIA MUTATED KINASE (ATM) IN THE CONTROL OF PROTEIN UBIQUITINATION**
Valeria Marzano
- P1422 - **TIME COURSE PROTEOMIC ANALYSIS OF AN EXPERIMENTAL MODEL OF SEVERE ACUTE PANCREATITIS**
Vanessa Fétaud-Lapierre
- P1423 - **OPTIMISED COOMASSIE BRILLIANT BLUE STAINING FOR INFRARED FLUORESCENCE DETECTION IS A COMPETITIVE ALTERNATIVE FOR SENSITIVE GEL-BASED PROTEOMIC ANALYSES**
Victoria J Gauci
- P1424 - **MULTIDIMENSIONAL SYSTEMS BIOLOGY OF LEUKEMIA HL60 CELL DIFFERENTIATION**
Viktor G Zgoda
- P1425 - **PROTEIN EXTRACTION METHODS FOR TOBACCO LEAF AND ROOT PROTEOME ANALYSIS BY SDS-PAGE AND TWO-DIMENSIONAL ELECTROPHORESIS**
Xueliang Ren
- P1426 - **WHICH STEP TO USE BETWEEN STREPTAVIDIN-BIOTIN PURIFICATION OF PROTEINS COMPLEXES AND LC MSMS ANALYSIS?**
Yann Verdier
- P1427 - **PARTICULATE MATTER TREATMENT ON EPITHELIAL CELL INDUCES RAPID DEPHOSPHORYLATION OF ERM PROTEINS**
Youngeun Ha
- P1428 - **ANTENNAE PROTEOME COMPARISON OF SEXUAL MATURE DRONE AND FORAGER HONEYBEES**
Yu Fang

Posters

- P1429 - **COMPARATIVE PROTEOMIC ANALYSIS OF DRONE EMBRYOGENESIS BETWEEN HIGH ROYAL JELLY PRODUCING BEES AND ITALIAN BEES (APIS MELLIFERA L.)**
Yu Fang
- P1430 - **STATHMIN WERE CORRELATED WITH CELL MIGRATION IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA**
Yulin Sun
- P1431 - **QUANTITATIVE PROTEOMICS ANALYSIS REVEALS THE DOWNSTREAM CONSEQUENCES OF MTORC1 ACTIVATION IN MOUSE EMBRYONIC FIBROBLASTS**
Zhaohui Wang
- P1432 - **DIFFERENTIAL PROTEOMICS ANALYSIS OF THERMOANAEROBACTER TENGCONGENSIS CULTURED AT DIFFERENT TEMPERATURE**
Zhen Chen
- P1433 - **PROTEOME CHANGES IN PLASMA OF CARDIOVASCULAR DISEASE PATIENTS**
Zuzana Reicheltová

METABOLIC DISORDERS

- P1434 - **ANTI-INFLAMMATORY RESPONSE IN HUMAN OBESE SUBJECTED TO AN EXERCISE PROTOCOL**
Ali Tiss
- P1435 - **COMPARISON OF CONVENTIONAL WESTERN BLOT ANALYSIS WITH A FULLY AUTOMATED CAPILLARY ELECTROPHORESIS SYSTEM FOR SIZE-BASED ANALYSIS OF THE AKT PATHWAY SIGNALING CASCADE**
Annegret Boge
- P1436 - **EFFECT OF HIGH-FAT DIET ON INSULIN RESISTANCE AND NON-ALCOHOLIC FATTY LIVER DISEASE**
Eduard Sabidó
- P1437 - **ANALYSIS OF THE LIVER RESPONSE TO FOOD DEPRIVATION**
Fabrice Bertile
- P1438 - **NON ALCOHOLIC FATTY LIVER DETECTION IN MOUSE MODELS BY SOLID PHASE EXTRACTION-MALDI TOF ANALYSIS OF URINE**
Felix Elortza
- P1439 - **THE LDL-CHOLESTEROL LOWERING EFFECTS OF NATURAL COMPONENTS OF PELODISCUS SINENSIS EXTRACT IN A DIETARY RODENT MODEL OF THE METABOLIC SYNDROME**
Hso-Chi Chaung
- P1440 - **CHANGES IN PROTEOMES OF HUMAN HEPATOCYTE CELL LINES HEPG2 AND HEPG2 TRANSFECTED BY BETAINE-HOMOCYSTEINE S-METHYLTRANSFERASE AFTER INHIBITION OF THE ENZYME AND TREATMENT WITH HOMOCYSTEINE**
Irena Selicharova

Posters

- P1441 - **COMPARATIVE ANALYSIS OF THE TNF-INDUCED 3T3-L1 ADIPOCYTE SECRETOME**
Jaeyoon Kim
- P1442 - **THE INTERACTION OF BLOOD WITH POLYSULFONE HEMODIALYSIS MEMBRANE UNDER DIFFERENT ANTICOAGULATION REGIMENS**
Jan Mares
- P1443 - **CHARACTERIZATION OF CALCIUM OXALATE CRYSTAL-INDUCED CHANGES IN SECRETOME OF HUMAN MONOCYTES**
Kitisak Sintiprungrat
- P1444 - **PROTEOMIC DIFFERENCES IN HUNTINGTON DISEASE EMBRYONIC STEM CELLS AS THEY NEURONALLY DIFFERENTIATE**
Mark Scott Baker
- P1445 - **ALTERATIONS IN CELLULAR PROTEOME OF MACROPHAGE INDUCED BY CALCIUM OXALATE MONOHYDRATE CRYSTALS ARE ASSOCIATED WITH PHAGOCYTOSIS**
Nilubon Singhto
- P1446 - **PHYSIOLOGICAL STIMULI FROM CAFFEINE INTAKE AND EXCESSIVE WATER DRINKING CAUSE CHANGES IN URINARY PROTEOME**
Paleerath Peerapen
- P1447 - **ASSOCIATION BETWEEN PROTEIN SIGNALS AND GLUCOSE LEVELS: THE WHITEHALL-II STUDY**
Troels Mygind Jensen
- P1448 - **HIGH-CALCIUM ENHANCES CALCIUM OXALATE CRYSTAL-BINDING CAPACITY OF RENAL TUBULAR CELLS THROUGH THE INCREASED EXPRESSION OF SURFACE ANNEXIN A1, BUT IMPAIRS CELL PROLIFERATION AND WOUND HEALING**
Visith Thongboonkerd
- P1449 - **THE USE OF PROTEOMICS TO ELUCIDATE THE PROTECTIVE EFFECTS OF GLUCAGON-LIKE PEPTIDE-1 ON CYTOKINE-MEDIATED BETA-CELL DYSFUNCTION AND DEATH**
Wannes D'Hertog
- P1450 - **MORE ACTIVE GLYCOLYTIC PATHWAY IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA**
Xiaohang Zhao
- P1451 - **DETECTION OF NATURAL ANTIBODIES REACTIVE WITH INFLAMMATORY PAIN AGENTS IS A KEY TO STUDY AND FOLLOW PATIENTS WITH OSTEOARTHRITIS**
Yulia Savitskaya

Posters

IMAGING

- P1452 - DISCRIMINATION OF BENIGN VERSUS MALIGNANT MELANOCYTIC SKIN TUMORS BY MALDI IMAGING MASS SPECTROMETRY (MALDI IMS)
Alireza Sepehr
- P1453 - QUANTITATIVE IMAGING- HOW TO EXTRACT THE MOST OF YOUR EXPERIMENTS
Anders Marcusson
- P1454 - HOST CELL PROTEIN ANALYSIS -POSSIBILITIES WITH LABEL FREE INTERACTION AND IMAGING TECHNOLOGIES
Anders Marcusson
- P1455 - MALDI TISSUE IMAGING AND TOP-DOWN SEQUENCING FOR BIOMARKER DISCOVERY AND IDENTIFICATION
Arnd Ingendoh
- P1456 - MALDI IMAGING MASS SPECTROMETRY OF NEURAL TISSUE SECTIONS
Bijon Chatterji
- P1457 - DATA INDEPENDENT MALDI ION MOBILITY ACQUISITION FOR THE ANALYSIS OF TRYPTIC PEPTIDES FOR PROTEOMIC AND MALDI IMAGING APPLICATIONS
Emmanuelle Claude
- P1458 - MULTIPLEX MULTIVARIATE AGREEMENT ANALYSIS FOR CONFIDENT IMAGING MASS SPECTROMETRY-BASED MOLECULAR HISTOLOGY
Emrys Alun Jones
- P1459 - IMAGING MASS SPECTROMETRY OF THE DROSOPHILA MELANOGASTER WING IMAGINAL DISC
Florian Marty
- P1460 - OPTIMIZATION OF MATRIX APPLICATION FOR HIGH SPATIAL RESOLUTION DRUG IMAGING
Katherine Ann Kellersberger
- P1461 - ACCURATE MASS DRUG IMAGING FOR METABOLITE DISTRIBUTION: EXTRA INFORMATION WITH LITTLE EXTRA EFFORT
Katherine Ann Kellersberger
- P1462 - SPATIAL PROTEOMICS: A NEW LC-MS/MS TISSUE IMAGING WORKFLOW PROVIDING PROTEIN IDENTITIES AND THEIR DISTRIBUTION IN TISSUE
Martin Schürenberg
- P1463 - MALDI-MS-IMAGING OF WHOLE MOUNT HUMAN LENS CAPSULES AFFECTED BY PSEUDOEXFOLIATION (PEX) SYNDROME
Maurizio Ronci

Posters

- P1464 - DIRECTLY MOLECULAR ANALYSIS IN BREAST TUMOR MICROENVIRONMENT BY MASS SPECTROMETRY
Suki Kang
- P1465 - ENHANCED IONIZATION OF PHOSPHOLIPIDS USING DCTB AS MATRIX FOR MALDI IMAGING MS SPECTROMETRY
Ying Zhang
- P1466 - NOVEL FLUORESCENT REAGENTS FOR HIGH-THROUGHPUT AND HIGHLY-SENSITIVE IN-GEL PROTEIN DETECTION AND THEIR APPLICATION TO PROTEOMIC RESEARCH
Yoshio Suzuki

ONCOLOGY

- P1467 - SERUM AMYLOID A AND APOLIPOPROTEIN C-II AS A NOVEL PANEL OF PROGNOSTIC MARKER IN PANCREATIC CANCER IDENTIFIED BY SELDI-TOF MS
Aiqun Xue
- P1468 - A NEW THERAPEUTIC APPROACH FOR HEPATOCELLULAR CARCINOMA (HCC)
Aldo Mancini
- P1469 - THE CANCER-TESTIS ANTIGENS CABYR AND AKAP3 ASSOCIATES WITH GLYCOLYSIS-REGULATING ENZYMES IN GAMETE AND CANCER CELLS
Allan Stensballe
- P1470 - MULTIMODAL SIZE AND CHARGE BASED ANALYSIS OF THE EGFR SIGNALING PATHWAY USING AN AUTOMATED CAPILLARY-BASED SYSTEM FOR NANOSCALE PROTEIN ANALYSIS
Annegret Boge
- P1471 - QUANTITATIVE PROTEOME PROFILING OF THE HUMAN PAPILOMA VIRUS INFLUENCE ON VULVAR CARCINOMA ON A GLOBAL AND INDIVIDUAL TUMOUR LEVEL
Annsofi Sandberg
- P1472 - LARGE-SCALE PROTEOMICS OF COLORECTAL TUMORS AND POLYPS
Arie Admon
- P1473 - FUNCTIONAL STUDY OF NUCLEOPHOSMIN(NPM1), THE PROGNOSTIC MARKER IN EWING'S SARCOMA, BY PROTEOMIC APPROACH
Ayako Haga
- P1474 - PROTEOMIC APPROACHES TO IDENTIFY DOWNSTREAM TARGETS OF SHORT-CHAIN FATTY ACIDS IN COLON CANCER CELLS
Caroline Akrill Evans
- P1475 - OSTEOCLASTS IN MULTIPLE MYELOMA: PROTEOMIC CHARACTERISATION OF THE SYNERGISTIC PATHWAYS INVOLVED
Catriona A Hayes

Posters

- P1476 - **PROTEOMIC CHARACTERISATION OF MULTICELL TUMOUR SPHEROIDS USING MALDI TOF-TOF AND ESI Q-TOF MASS SPECTROMETRY**
Chris Sutton
- P1477 - **BIPHASIC RESPONSE IN PROTEOME PROFILE OF COLON CANCER CELLS EXPOSED TO 5-FLUOROURACIL**
Consolacion Marin-Vicente
- P1478 - **DATA-INDEPENDENT PROTEOMIC SCREEN IDENTIFIES NOVEL TAMOXIFEN AGONIST THAT MEDIATES DRUG RESISTANCE**
David Robinson Goodlett
- P1479 - **PHOSPHOPROTEOMICS STRATEGY FOR UNDERSTANDING PI3K/AKT- DOWNSTREAM SIGNALING PATHWAY**
Domenica Scumaci
- P1480 - **INTEGRATIVE TRANSCRIPTOME AND PROTEOME ANALYSIS OF METASTATIC HCC CELL LINES**
Fan Zhong
- P1481 - **PROTEOMIC COMPARISON OF ALT AND TELOMERASE+ GLIOMA STEM CELLS**
François Chevalier
- P1482 - **PHOSPHOPROTEOMICS OF GENOTOXIC STRESS RESPONSE IN A LEUKAEMIA CELL MODEL**
François Griaud
- P1483 - **EVALUATIVE STUDY TO ENHANCE THIN NEEDLE ASPIRATE SAMPLING OF BREAST CANCER USING POST SAMPLING STABILIZATION OF CULTURED CELL LINES**
Mats Borén
- P1484 - **THE MECHANISTIC ACTION OF ANTHRACYCLINES IN APOPTOSIS INDUCTION IN ACUTE MYELOGENOUS LEUKEMIA: UNRAVELING NEW PATHWAYS BY PROTEOMICS**
Gro Gausdal
- P1485 - **EPAC1 ACTIVATION INDUCES CELL CYCLE ARREST IN THE HUMAN NEUROBLASTOMA CELL LINE SH-SY5Y**
Gyrid Nygård
- P1486 - **HIGH-THROUGHPUT TARGETED PROTEOMIC SCREENING OF PROSTATE CANCER USING SELECTED REACTION MONITORING**
H. Alexander Ehardt
- P1487 - **PREDICTION OF RECURRENCE IN BLADDER CANCERS BY COMPLEX ANTIBODY MICROARRAYS**
Harish Srinivasan
- P1488 - **A PROTEOMIC ANALYSIS DEFINES AN INCREASE IN ANTI-INFLAMMATORY CHEMOKINES AND PRO-MIGRATORY SIGNALING PATHWAYS IN HIGHLY METASTATIC COLORECTAL CANCER CELLS**
Ignacio Casal

Posters

- P1489 - INVESTIGATION OF TRAIL-RESISTANT MANTLE CELL LYMPHOMA CELLS REVEALS IMPAIRED PURINE METABOLISM
Jana Pospisilova
- P1490 - PROTEOMIC STUDY OF CANCER CELLS RESPONSE TO ANTHRACYCLINE ANTICANCER TREATMENT
Jirina Tyleckova
- P1491 - QUANTITATIVE PROTEOMICS OF GBM DERIVED CELL LINE U87MG SILENCED BY SI-RNA-NUCLEOPHOSMIN USING ITRAQ
Jose Cesar Rosa
- P1492 - USING METASTATIC BREAST CANCER CELL CONDITIONED MEDIA FOR IDENTIFICATION OF POTENTIAL BIOMARKERS FOR BONE METASTASIS
Jules A Westbrook
- P1493 - THERAPEUTIC TARGET DISCOVERY FOR ADVANCED STAGE OF OVARIAN CANCER USING PROTEOME-SCALE ANTIBODY SCREENING AND QUANTITATIVE VIRTUAL IMMUNOFLUORESCENCE MICROSCOPY
Kazufumi Honda
- P1494 - NUCLEAR IMPORT OF HSP27 IN LIVER CANCER CELL WAS MODULATED BY ITS PHOSPHORYLATION AND GLYCOSYLATION INTERPLAY
Kun Guo
- P1495 - TRANSIENT RECEPTOR POTENTIAL VANILLOID-5 AND -6 (TRPV5 AND TRPV6): FIRST EVIDENCE OF THEIR PRESENCE IN PARATHYROID ADENOMA GLANDS
Laura Giusti
- P1496 - QUANTITATIVE PATHWAY ANALYSIS OF NATURAL VARIATION IN COMPLEX DISEASE SIGNALING IN C. ELEGANS
Michael Hengartner
- P1497 - MICROELEMENT COMPOSITION AND STATE OF THE BINDING SITES OF SERUM ALBUMIN IN PATIENTS WITH CERVICAL CANCER DURING RADIOTHERAPY
Mikolai Puzan
- P1498 - CHARACTERIZATION OF TID1 PROTEIN COMPLEX ASSOCIATED WITH TUMOR SUPPRESSOR ACTIVITY
Nai-Yu Liu
- P1499 - PROTEOMIC ANALYSIS OF A549 LUNG CANCER CELL LINE TREATED WITH UMBELLIPRENIN
Narges Khaghanzadeh
- P1500 - TOWARD A PROTEOMIC-BASED BREAST CANCER CELLS CLASSIFICATION
Paolo Cifani
- P1501 - COMPARATIVE CELL SURFACE PROTEOMIC ANALYSIS OF AN ISOGENIC HUMAN MELANOMA METASTASIS MODEL REVEALS NOVEL METASTASIS ASSOCIATED PROTEIN COMPLEXES
Piia-Riitta Karhemo

Posters

- P1503 - ITRAQ ANALYSIS REVEALS DREBRIN (DBN1) AS A NOVEL PLAYER INVOLVED IN COLORECTAL CANCER LIVER METASTASIS
Qifeng Lin
- P1504 - USING A HIGH RESOLUTION, QUANTITATIVE MASS SPECTROMETRIC APPROACH TO UNDERSTAND TGF- INDUCED METASTASIS
Rochelle C. J. D'souza
- P1505 - ANALYSIS OF LYMPHOID MALIGNANCIES BY HIGH-RESOLUTION, QUANTITATIVE PROTEOMICS
Sally Deeb
- P1506 - CYTOKERATIN PROFILING IN HUMAN TUMOUR CELL LINES USING MASS SPECTROMETRY BASED APPROACHES
Sarah Kruger
- P1507 - SERUM PROFILING TO DIAGNOSE A CUTANEOUS T-CELL LYMPHOMA: C-X-C MOTIF CHEMOKINE 10 AS POTENTIAL BIOMARKER
Sergei Moshkovskii
- P1508 - SECRETOME ANALYSIS OF CERVICAL CANCER CELL LINES
Sergio Manuel Encarnacion
- P1509 - SEARCH BIOMARKERS FOR BENIGN AND MALIGNANT PANCREATO-BILIARY DISEASE
Shiu-Chu Lin
- P1510 - PHOSPHOPROTEOMIC ANALYSIS OF CLINICAL COLON CANCER SPECIMEN; EXPLORING A NOVEL FACTOR INVOLVED IN CANCER METASTASIS
Takashi Shiromizu
- P1511 - EXPRESSION LEVEL OF ANNEXIN A4 IS RELATED TO CISPLATIN-SUSCEPTIBILITY IN MESOTHELIOMA CELLS
Takuya Yamashita
- P1512 - TUMOR PYRUVATE KINASE M2 AS BIOMARKER OF ESOPHAGEAL CANCER AND GERD
Tarun Gupta
- P1513 - CHARACTERIZING MITOCHONDRIAL PROTEOMES IN PRIMARY LEUKAEMIC CELLS AND CELL LINES
Therese Mckenna
- P1514 - PROTEIN PROFILING IDENTIFIES HDAC2 AND TXNL1 AS ANEUPLOIDY-ASSOCIATED MARKERS IN COLORECTAL CANCER
Timo Gemoll
- P1515 - SEARCH FOR THE TUMOR-ASSOCIATED PROTEINS OF ORAL SQUAMOUS CELL CARCINOMA COLLECTED IN TAIWAN USING PROTEOMICS STRATEGY
Ting-Feng Wu

Posters

P1516 - FIBRONECTIN INDUCES MATRIX METALLOPROTEINASE-9 (MMP-9) IN HUMAN LARYNGEAL CARCINOMA CELLS BY INVOLVING MULTIPLE SIGNALING PATHWAYS

Triparna Sen

P1517 - AN INSIGHT INTO THE MECHANISM OF CYTOTOXICITY OF HALOFUGINONE TO MANTLE CELL LYMPHOMA BY DIFFERENTIAL PROTEOMIC ANALYSIS

Valdemir Melechco Carvalho

P1518 - EARLY EVENTS OF ANTI-NEOPLASIC ACTIVITY OF AN ALKYLPHOSPHOLIPID ON ACUTE PROMYELOCYTIC LEUKEMIA CELLS REVEALED BY PROTEOMICS

Vitor Marcel Faça

P1519 - NOCKDOWN OF TIMM17A INHIBITS GROWTH OF BREAST CANCER VIA ROS PATHWAY

Xiaoen Xu

P1520 - KNOCKDOWN OF TIMM17A INHIBITS GROWTH OF BREAST CANCER VIA ROS PATHWAY

Xiaoen Xu

P1521 - DISCOVERY OF IL-18 AS A NOVEL SECRETED PROTEIN CONTRIBUTING TO DOXORUBICIN RESISTANCE BY COMPARATIVE SECRETOME ANALYSIS OF MCF-7 AND MCF-7/DOX

Xiaofang Hu

P1522 - GLYCAN RELATED GENE EXPRESSION SIGNATURES IN HUMAN METASTATIC HEPATOCARCINOMA CELL

Xiaonan Kang

P1523 - A QUANTITATIVE MEASUREMENT FOR MULTIPLE GLYCOPROTEIN DETECTION IN PROSTATE CANCER TISSUES

Yan Li

P1524 - N-LINKED GLYCAN CHANGES OF SERUM HAPTOGLOBIN CHAIN IN LIVER DISEASE PATIENTS

Yinkun Liu

P1525 - USE OF SERUM IMMUNE MARKER OF ANGIOGENESIS FOR MANAGEMENT OF PEDIATRIC OSTEOSARCOMA PATIENTS WITH AND WITHOUT LUNG METASTASES

Yulia Savitskaya

P1526 - PROTEOMIC STUDY OF TUMOR TISSUES USING 2D-DIGE REVEALED NOVEL MOLECULAR BACKGROUNDS OF COLORECTAL CANCER

Yutaka Sugihara

INFECTIOUS DISEASES

P1527 - SELECTED REACTION MONITORING MASS SPECTROMETRY ALLOWS QUANTIFICATION OF PRION PROTEIN IN URINE-DERIVED INJECTABLE FERTILITY PRODUCTS

Alain Van Dorsselaer

Posters

- P1529 - **PROTEOMICS OF AN ANIMAL MODEL FOR INFECTIOUS DISEASES: PLASMA PROTEOME ANALYSIS OF MYCOBACTERIUM LEPRAE INFECTED MICE**
Bini Ramachandran
- P1530 - **PROTEOME-WIDE SRM ANALYSIS OF IN STREPTOCOCCUS PYOGENES VIRULENCE MECHANISMS**
Christofer Karlsson
- P1531 - **IDENTIFICATION OF IMMUNOREACTIVE PROTEINS FOR MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS DETECTION**
Cristian Piras
- P1532 - **AUTOMATED DETECTION OF BACTERIA FROM MIXED CULTURES IN BLOOD CULTURE BOTTLES USING MALDI-TOF MS FINGERPRINTING**
Dagmar Niemeyer
- P1533 - **TWO YEARS EXPERIENCE WITH MALDI-TOF MASS SPECTROMETRY IN A ROUTINE MICROBIOLOGY LABORATORY**
Dagmar Niemeyer
- P1534 - **FAST AND RELIABLE IDENTIFICATION OF POTENTIAL BIOLOGICAL WARFARE AGENTS BY THE MALDI BIOTYPER**
Dagmar Niemeyer
- P1535 - **RAPID IDENTIFICATION AND PEPTIDE MAPPING ANALYSIS BY MASS SPECTROMETRY DURING VARIOUS STAGES OF CLONING AND EXPRESSION**
Di Xiao
- P1536 - **CORE PROTEOME OF HELICOBACTER PYLORI STRAINS DEDUCED FROM PROTEOGENOMIC COMPARISON BETWEEN LABORATORY STRAINS AND CLINICAL ISOLATE SHEDS LIGHT ON POSSIBLE EVOLUTION AND ADAPTATION OF VIRULENCE MECHANISMS**
Dmitry Alexeev
- P1537 - **TWO-DIMENSIONAL GEL ELECTROPHORESIS ANALYSIS OF CLINICAL ISOLATES OF STREPTOCOCCUS MUTANS**
Estela Ruiz Baca
- P1538 - **GLOBAL ANALYSIS OF THE RESPONSE OF STAPHYLOCOCCUS AUREUS TO INTERNALIZATION INTO HUMAN EPITHELIAL CELLS: AN INTEGRATED, TIME RESOLVED FUNCTIONAL GENOMICS APPROACH**
Frank Schmidt
- P1539 - **A SYSTEMATIC APPROACH TO IDENTIFY NOVEL HOST-PATHOGEN EXTRACELLULAR PROTEIN INTERACTIONS: AN EXAMPLE FROM MALARIA**
Gavin Wright
- P1540 - **BACTERIAL SECRETED PROTEINS AND MODULATION OF HOST CELL'S MACHINERY IN AN IN VITRO MODEL OF C. BURNETII PERSISTENCE**
Georgios Tsiotis

Posters

- P1541 - **PROTEOME ANALYSIS OF SPLEEN LYMPHOCYTES AFTER ENDOTOXIN CHALLENGE**
Günter Lochnit
- P1542 - **FUNCTIONAL GENOMICS AND PROTEOMICS APPROACHES TO STUDY SYSTEM DYNAMICS OF HUMAN ADENOVIRUS INFECTIONS**
Hung V Trinh
- P1543 - **HUMAN GUT MICROBIOTA ANALYSED BY MASS-SPECTROMETRY AND SEQUENCING ALLOWS FOR DETECTION OF PROTEINS AND PEPTIDES SHAPING CORE METABOLISM**
Irina Demina
- P1544 - **PHOSPHOPROTEOME ANALYSIS OF THE MURINE DENDRITIC CELLS IN RESPONSE TO FULLY VIRULENT FRANCISELLA TULARENSIS STRAIN AND ATTENUATED DSBA MUTANT STRAIN**
Ivo Fabrik
- P1545 - **GLOBAL ANALYSIS OF HOST POST-TRANSLATIONAL MODIFICATIONS IN HIV-1 INFECTION**
Jeffrey Johnson
- P1546 - **THE SELECTIVE REACTION MONITORING FOR UNAMBIGUOUS MICROBIOLOGICAL IDENTIFICATION**
Jiri Dresler
- P1547 - **CANDIDATE BIOMARKER PANEL FOR DENGUE HEMORRHAGIC FEVER USING MULTI-DIMENSIONAL DISCOVERY PROTEO/PEPTIDOMICS AND NONPARAMETRIC CLASSIFICATION**
John Edward Wiktorowicz
- P1548 - **DIAGNOSTIC CHANGES OF THE HOST CELL SURFACEOME UPON VACCINIA VIRUS INFECTION**
Karel Novy
- P1549 - **USE OF THE MALDI BIOTYPER SYSTEM WITH MALDI-TOF MASS SPECTROMETRY FOR THE RAPID IDENTIFICATION OF MICROORGANISMS**
Kazuyuki Sogawa
- P1550 - **PROTEOMIC ANALYSIS RECOVERED A TALIN-1 FRAGMENT RELATED TO HIV INFECTION**
Lijun Zhang
- P1551 - **MODIFYING THE ANTIGEN-IMMUNIZATION SCHEDULE IMPROVES THE VARIETY OF MONOCLONAL ANTIBODIES OBTAINED FROM IMMUNE-PHAGE ANTIBODY LIBRARIES AGAINST HIV-1 NEF AND VIF**
Mai Yoshikawa
- P1552 - **QUANTITATIVE PROTEOME PROFILING OF CD4+CD25+CCR4+ T-CELLS TO IDENTIFY POTENTIAL THERAPEUTIC TARGETS FOR HUMAN T-LYMPHOTROPIC VIRUS TYPE-1 ASSOCIATED MYELOPATHY (HAM) AND ADULT T-CELL LEUKEMIA**
Makoto Ishihara
- P1553 - **DETERMINATION OF HUMAN NEURONAL RESPONSES TO HIV CLADES BY PROTEOMIC FINGERPRINTING**
Nawal Boukli

Posters

P1554 - EFFECTS OF STRESS ON HIV+ CHRONIC POLYDRUG USERS

Nawal Boukli

P1555 - A COMPLETE PROTEOMICS REFERENCE MAP FOR MYCOBACTERIUM TUBERCULOSIS

Olga Tatjana Schubert

P1556 - A METAPROTEOMIC ALGORITHM TO IDENTIFY GUT PHYLOTYPES IN MOUSE

Pamela Vernocchi

P1557 - COMPARATIVE PROTEOMICS OF BOVINE MASTITIS AND HUMAN COMMENSAL STAPHYLOCOCCUS EPIDERMIDIS STRAINS

Pia Siljamäki

P1558 - PROTEOMIC PROFILING OF SERUM FROM PATIENTS WITH TUBERCULOSIS

Yang Sun Choi

P1559 - EXPLORING RESISTANT DETERMINANTS OF METHICILLIN IN STAPHYLOCOCCUS AUREUS WITH COMPARATIVE PROTEOMICS APPROACH

Sameh Magdeldin

P1560 - FLUORESCENCE TWO-DIMENSIONAL DIFFERENCE GEL ELECTROPHORESIS (DIGE) ANALYSIS OF TEAR PROTEINS FROM FUSARIUM KERATITIS PATIENTS

Sivagnanam Ananthi

P1561 - PROTEOME ANALYSIS OF THE SURFACE PROTEINS OF STREPTOCOCCUS PNEUMONIAE

Songmee Bae

P1562 - DYNAMICS OF THE SURFACE PROTEOME OF S. AGALACTIAE NEM316 CHARACTERIZED BY WHOLE CELL TRYPSINOLYSIS AND LC-MS/MS

Thibault Chaze

P1563 - QUANTITATIVE PROTEOMIC STUDY ON SECRETOME OF TRICHOPHYTON RUBRUM

Wenchuan Leng

P1564 - MULTIPLE PROTEOMICS APPROACHES TO STUDY SIGNAL TRANSDUCTION TRIGGERED BY HYDROGEN PEROXIDE IN THE PROTOZOAN PARASITE TRICHOMONAS VAGINALIS

Yu Lee

POST-TRANSLATIONAL MODIFICATIONS

P1565 - TISSUE TRANSGLUTAMINASE MEDIATED GLUTAMINE DEAMIDATION AND DIMER CROSS-LINKING OF BETA AMYLOID PEPTIDE REVEALED BY HIGH RESOLUTION MASS SPECTROMETRY

Adrien W Schmid

P1566 - MASS SPECTROMETRY- BASED QUANTITATIVE PROTEOMICS TO DISSECT THE MOLECULAR CODE OF PROTEIN METHYLATION

Alessandro Cuomo

Posters

- P1567 - **MAPPING THE EPIGENOME: ANALYSIS OF THE CHROMATIN PTMOME IN MOUSE BRAIN AND SPERM**
Andrea Mizzi Brunner
- P1568 - **TOP-DOWN DETERMINATION OF PHOSPHORYLATION SITES**
Anja Resemann
- P1569 - **SUBTRACTIVE LABEL-FREE QUANTIFICATION OF PHOSPHORYLATION SITES IN KAPCA_HUMAN**
Anja Resemann
- P1570 - **N-GLYCOSYLATED GLYCOPROTEINS CHARACTERIZED BY MASS SPECTROMETRY – AN INTEGRATED SOFTWARE APPROACH**
Anja Resemann
- P1571 - **MAGNETIC ZIC-HILIC BEADS ENRICHMENT FOR NEUTRAL AND ACIDIC GLYCOPEPTIDES**
Anja Resemann
- P1572 - **STUDY OF POST-TRANSLATIONAL MODIFICATIONS OF PORCINE HAPTOGLOBIN**
Anna Marco-Ramell
- P1573 - **POST-TRANSLATIONAL MODIFICATIONS ANALYSIS OF CYTOSOLIC LIVER PROTEOME IN TYPE 1 DIABETIC RATS**
Antonio Gnoni
- P1574 - **ACETYL-PROTEOMICS FOR THE INVESTIGATION OF PATHOLOGICAL MOLECULES IN RHEUMATOID ARTHRITIS**
Arito Mitsumi
- P1575 - **CESI-MS FOR PTM ANALYSIS OF LINKER HISTONES: STRENGTHS AND LIMITATIONS**
Bettina Sarg
- P1576 - **LABEL FREE QUANTITATIVE ANALYSIS OF GLYCO PROTEOME IN THE HUMAN FOLLICULAR FLUID FROM IN VITRO FERTILIZATION THERAPY**
Bora Kim
- P1577 - **GLOBAL ANALYSIS OF PROTEIN KINASE D TARGETS IN HUMAN CELLS**
Boris Macek
- P1578 - **PROBABILISTICALLY ASSIGNING SITES OF PROTEIN MODIFICATION WITH SCAFFOLD PTM**
Brian C Searle
- P1579 - **DYNAMIC AND QUANTITATIVE PHOSPHOPROTEOME ANALYSIS OF WNT3A-MEDIATED CANONICAL SIGNALING NETWORK**
Chen Li
- P1580 - **PROTEOMIC ANALYSIS OF SIGNALING INDUCED BY RECEPTOR TYROSINE KINASES ENDOCYTOSIS**
Chiara Francavilla

Posters

P1581 - EFFECTS OF HSPBP1 AND CHIP IN THE DEGRADATION OF NEURODEGENERATIVE PROTEINS

Choi Jinsun

P1582 - PROTEIN TERMINI ORIENTATED PROTEOMICS: LINKING PROTEIN TERMINI AND THEIR MODIFICATIONS WITH UNDERLYING PROTEOLYTIC PROCESSING IN THE KNOWLEDGEBASE TOPFIND, AND IMPLICATIONS FOR PROTEIN FUNCTION

Chris Overall

P1583 - PINPOINTING PHOSPHORYLATION SITES: QUANTITATIVE FILTERING AND A NOVEL SITE-SPECIFIC X-ION FRAGMENT

Christian D Kelstrup

P1584 - TOP-DOWN AND BOTTOM-UP ANALYSIS TOWARDS THE IDENTIFICATION OF THE MODIFICATION RESPONSIBLE FOR THE INACTIVATION OF GLUCOSE 6-PHOSPHATE DEHYDROGENASE BY METHYLGLYOXAL

Claudio Diema

P1585 - GLYCOMICS STUDY FOR COLORECTAL CANCER BIOMARKER DISCOVERY

Crina I.A. Balog

P1586 - AUTOMATED TERMINI ASSIGNMENT OF BIOLOGICS BY TOP-DOWN MS

Detlev Suckau

P1587 - IMPROVED PROTEIN IDENTIFICATION AND CHARACTERIZATION USING MS2 SPECTRAL LIBRARIES

Erik Ahrne

P1588 - ISOTOPICALLY RESOLVED FTICR MASS SPECTROMETRY OF PROTEINS ABOVE 100 KDA AT 7 TESLA

Eugene N Nikolaev

P1589 - N- AND O-LINKED GLYCOPROTEINS IN PLASTIDS OF CASTOR BEAN ENDOSPERM

Fabio Cesar Sousa Nogueira

P1590 - A QUANTITATIVE PHOSPHOPROTEOMIC APPROACH REVEALS DIFFERENTIAL PHOSPHORYLATION OF SEROTONIN 2A RECEPTOR UPON ACTIVATION BY HALLUCINOGENIC VERSUS NON-HALLUCINOGENIC AGONISTS

Franck Vandermoere

P1591 - MULTIENZYMATIC LIMITED DIGESTION METHOD FOR THE LOCALISATION AND CHARACTERIZATION OF PROTEIN MODIFICATIONS

Gabriel Mazzucchelli

P1592 - ISOLATION OF PROTEIN N-TERMINI IN COMPLEX PROTEOME SAMPLES BY PHOSPHO TAGGING (PTAG) NEGATIVE SELECTION METHODOLOGY

Geert P.M. Mommen

P1593 - NANOSTRUCTURED MATERIALS FOR THE PHOSPHOPROTEOME PROFILING WITH MASS SPECTROMETRY

Géraldine Lucchi

Posters

P1595 - IDENTIFICATION OF THE PROTEIN TARGETS OF THIOREDOXIN AND GLUTATHIONE PATHWAYS IN HUMAN CELLS BY OCSILAC STRATEGY

Giovanni Chiappetta

P1597 - DISULFIDE BOND CLEAVAGE IN FREE ELECTRON INITIATED PEPTIDE SEQUENCING MASS SPECTROMETRY

Han Bin Oh

P1598 - CESI-MS, A PROMISING TECHNIQUE FOR THE IDENTIFICATION OF MODIFIED PEPTIDES: COMPARISON WITH NANO-LC-MS

Herbert Lindner

P1599 - N-GLYCOSYLATION PATTERN OF THE MEMBRANE PROTEIN CD82 (KAI1)

Hong Wang

P1600 - PROFILING OF THE SERINE AND THREONINE ACETYLATED PROTEINS USING IPG-IEF AND LC-MS/MS

Huizhi Fan

P1601 - LABEL-FREE DIFFERENTIAL GLYCOMICS OF CELL SURFACE PROTEINS

Ilja Ritamo

P1602 - AUTOMATED N-TERMINAL DERIVATIZATION PROCEDURE FOR HIGH-THROUGHPUT DE NOVO SEQUENCE ANALYSIS

Isaak Timperman

P1603 - OXIDATIVE MODIFICATIONS OF CYSTEINE ALTER STRUCTURAL DYNAMICS ; MONITERED BY HYDROGEN/DEUTERIUM EXCHANGE MASS SPECTROMETRY

Jae-Jin Lee

P1604 - ADVANCES IN ELECTRON TRANSFER DISSOCIATION (ETD) ON AN ION MOBILITY ENABLED Q-TOF MASS SPECTROMETER

James Langridge

P1605 - IDENTIFICATION OF DEGRADATION PRODUCTS OF SYNTHETIC PEPTIDES WITH NANO LCMS ON AN ORBITRAP MASS SPECTROMETER

Jana Rykl

P1606 - QUANTIFICATION OF CYSTEINYL S-NITROSYLATION BY FLUORESCENCE IN UNBIASED PROTEOMIC STUDIES

John Edward Wiktorowicz

P1607 - AN APPLICATION PROTEOMIC BIOINFORMATICS PLATFORM TO THE ANALYSIS OF POST-TRANSLATIONAL MODIFICATIONS

Jong-Moon Park

P1609 - A FULLY AUTOMATED WORKFLOW FOR GLYCOPEPTIDE ANALYSIS

Julian Saba

Posters

- P1611 - **PROTEIN CARBOXYLATION DURING STORAGE OF ERYTHROCYTE CONCENTRATES: AN ACCUMULATIVE EVENT REGULATED BY MICROPARTICULATION**
Julien Delobel
- P1612 - **GLOBAL PHOSPHORYLATION AND UBIQUITINATION DYNAMICS IN DNA-DAMAGE RESPONSE NETWORK**
Jun Adachi
- P1613 - **CHANGES IN PHOSPHORYLATION STATES POST-MORTEM MAY DISTORT OUR VIEW OF IN VIVO PROTEOMIC PROFILES**
K Alenäs
- P1614 - **ANTIBODY CHARACTERIZATION BY TOP-DOWN AND BOTTOM-UP MASS SPECTROMETRY**
Kai Scheffler
- P1615 - **STRATEGY FOR DYNAMIC TRACING OF UDP-GLCNAC METABOLISM**
Kazuki Nakajima
- P1616 - **PHOSPHOPEPTIDE ENRICHMENT BY ELECTROSTATIC REPULSION-HYDROPHILIC INTERACTION CHROMATOGRAPHY FOLLOWING PEPTIDE ESTERIFICATION**
Konstantinos Petritis
- P1617 - **ANALYSIS OF PHOSPHORYLATION STATUS OF A DISEASE-SPECIFIC ISOFORM OF A U1 SMALL NUCLEAR RIBONUCREOPROTEIN 68K SUBUNIT, A MAJOR ANTIGEN FOR ANTI-RNP AUTOANTIBODIES**
Kouhei Nagai
- P1618 - **INTERACTING PROTEINS REGULATED BY HAUSP/USP7 DEUBIQUITINATING ENZYME**
Kwang-Hyun Baek
- P1619 - **AA SEQUENCING, GLYCOSYLATION AND PHOSPHORYLATION SITE CHARACTERIZATION OF HUMAN SERUM CLUSTERIN USING LIQUID CHROMATOGRAPHY-HIGH RESOLUTION MASS SPECTROMETRY**
Lisa Elviri
- P1620 - **PROTEOMIC ANALYSIS OF PTM CHANGES ON A UNIQUE PROSTATE CANCER PROGRESSION MODEL USING A TOP-DOWN FTICR-MS APPROACH**
Lisabeth Hoffman
- P1621 - **QUANTITATIVE PHOSPHOPROTEOMICS OF IN VIVO DYNAMIC CHANGES DURING DROUGHT AND RECOVERY IN THE GROWING ZONE OF MAIZE LEAVES**
Ludovic Bonhomme
- P1622 - **MODULATION OF THE VITIS VINIFERA L. CV. 'ITALIA' PROTEOME AND PTM-OME DUE TO PARASITE INFECTION**
Marcella Nunes Melo-Braga

Posters

- P1623 - **IN-DEPTH PROTEOMIC STUDY OF APOB-100 OXIDATION: DETECTION AND IDENTIFICATION OF LIPID PEROXIDE ADDUCTS**
Maria Fedorova
- P1624 - **COMBINED PROTEOMIC APPROACHES FOR THE IDENTIFICATION OF SPECIFIC AMINO ACID RESIDUES MODIFIED BY 4-HYDROXY-2-NONENAL UNDER PHYSIOLOGICAL CONDITIONS**
María Luisa Hernández
- P1625 - **PROTEIN GLYCATION IN CEREBROSPINAL FLUID: NEW ROLE IN NEUROLOGICAL DISEASES?**
Maria Ramirez-Boo
- P1626 - **IDENTIFICATION OF PROTEIN KINASE TARGET SEQUENCE PREFERENCES USING LC-MS/MS**
Mark A. Knepper
- P1627 - **MOUSE LIVER PHOSHOPEPTIDE ANALYSIS WITH COMPARATIVE MASCOT SCORING**
Mark Raftery
- P1628 - **BIOLOGICAL INSIGHTS INTO THE RAT PHOSPHOPROTEOME**
Mathieu Courcelles
- P1629 - **NOVEL TOOLS FOR THE DETECTION AND ISOLATION OF CYSTEINE SULFENIC ACID MODIFICATIONS**
Michele Hatler
- P1630 - **DEVELOPMENT OF HIGH-THROUGHPUT N-GLYCOPEPTIDE PROFILING IN SERUM**
Mingqi Liu
- P1631 - **IDENTIFICATION OF SMYD2 MEDIATED METHYLATION SITES ON HSP90**
Mohamed Abu-Farha
- P1632 - **TIME-RESOLVED PHOSPHORYLATION SIGNALING NETWORKS MEDIATE THE EFFECT OF LIGAND AFFINITY ON THE ACTIVATION OF NAIVE PRIMARY T-CELLS**
Monica Carrera
- P1633 - **HUL5 HECT UBIQUITIN LIGASE PLAYS A MAJOR ROLE IN THE UBIQUITYLATION AND TURN OVER OF CYTOSOLIC MISFOLDED PROTEINS**
Neng Fang
- P1634 - **MAPPING PHOSPHORYLATIONS IN TRANSCRIPTION FACTOR E2F1**
Nerea Osinalde
- P1635 - **PROTEIN UBIQUITINATION IN INFLUENZA A VIRUS INFECTED HUMAN A549 CELLS**
Niina Lietzen
- P1636 - **PROTEOMIC APPROACHES TO UNDERSTAND THE ROLE OF POST TRANSLATIONAL MODIFICATIONS IN BRAIN DISORDERS**
Saadia Zahid

Posters

- P1637 - **LENS PROTEOMICS: AGE-RELATED AND CATARACT-SPECIFIC CHANGES IN THE PROTEIN COMPOSITION OF THE LENS**
Olga Snytnikova
- P1638 - **A GLOBAL HIGH-THROUGHPUT STRATEGY FOR INVESTIGATION OF N-ACETYL-GLUCOSAMINE (OGLCNAC) AS A POST-TRANSLATIONAL O-MODIFICATION**
Omid Hekmat
- P1639 - **FEOX, ZROX, HFOX AND TIOX NANO-ENHANCED MALDI PLATES FOR SELECTIVE CAPTURE OF PHOSPHORYLATED AND SIALYLATED PEPTIDES**
Paolo Soffientini
- P1640 - **EVIDENCE FOR A "NEW" POST-TRANSLATIONAL MODIFICATION IN STAPHYLOCOCCUS AUREUS: HYDROXYMETHYLATION OF ASPARAGINE AND GLUTAMINE**
Patrice Waridel
- P1641 - **IMPROVED ENRICHMENT OF PHOSPHORYLATED PEPTIDES USING TITANIUM DIOXIDE COLUMNS**
Peter Max Gehrig
- P1642 - **PHOSPHOPEPTIDE ENRICHMENT AND QUANTIFICATION USING INDIUM TIN OXIDE COATED GLASS SLIDE AND ITRAQ REAGENTS**
Petri Kouvonen
- P1643 - **CONTRIBUTION OF A RECENT ETD ION TRAP ARCHITECTURE FOR THE MAPPING OF AN HUMAN CELL-LINE PHOSPHOPROTEOME**
Pierre-Olivier Schmit
- P1644 - **STABLE ISOTOPE LABELING WITH AMINO ACIDS IN DROSOPHILA MELANOGASTER FOR QUANTIFYING PROTEINS AND THEIR UBIQUITIN CONJUGATES**
Ping Xu
- P1645 - **IDENTIFICATION OF PROTEIN CARBONYLATION SITES BY TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY AND COMBINATION OF LASER DESORPTION IONIZATION AND ELECTROSPRAY IONIZATION MASS SPECTROMETRY**
Ravi Chand Bollineni
- P1646 - **CHARACTERIZATION OF FORCED OXIDATION OF MONOCLONAL ANTIBODY USING MICRO-FLUIDIC BASED LC SYSTEM COUPLED TO AN ADVANCED QUADRUPOLE TIME-OF-FLIGHT MS**
Ravindra Gudihal
- P1647 - **P-DIMENSIONAL ELECTROPHORESIS: THE VISION OF PROTEOME AT 360 DEGREES**
Renato Millionsi
- P1648 - **IDENTIFICATION OF PROTEIN PHOSPHORYLATION CHANGES INDUCED BY TRKA, CHARACTERIZED USING CHIMERIC RECEPTORS**
Robert J Chalkley

Posters

- P1649 - ANALYSIS OF THE SERINE/THREONINE/TYROSINE PHOSPHOPROTEOME OF THE PATHOGENIC BACTERIUM LISTERIA MONOCYTOGENES
Sandeep Kumar Misra
- P1650 - ANALYSIS OF FLT3 AND C-KIT PHOSPHOPROTEOME IDENTIFIES NOVEL COMPONENTS OF RTK SIGNALING
Sebastian Alexander Wagner
- P1651 - ZINC FINGER NUCLEASE GLYCOENGINEERED SIMPLECELLS: A NOVEL APPROACH TO DECODE O-GLYCOPROTEOME (GALNAC-TYPE)
Sergey Vakhrushev
- P1652 - IDENTIFICATION OF PROTEIN MODIFICATIONS THROUGH PEPTIDE MASS SPECTROMETRY
Seungjin Na
- P1653 - CHARACTERIZATION OF LYSINE MALONYLATION, A NOVEL MODIFICATION ON SEVERAL METABOLIC ENZYMES BY TANDEM MASS SPECTROMETRY
Sheng Zhang
- P1654 - THOROUGH CHARACTERIZATION OF A PROTEOME, INCLUDING UNMODIFIED TRYPTIC PEPTIDES, PHOSPHOPEPTIDES, GLYCOPEPTIDES, AND DEAMIDATED PEPTIDES, BY ELECTROSTATIC REPULSION-HYDROPHILIC INTERACTION CHROMATOGRAPHY (ERLIC) AND LC-MS/MS
Siu Kwan Sze
- P1655 - THE ROLE OF SNF1 PROTEIN KINASE, YEAST'S "ENERGY GUARDIAN", IN NON-LIMITING GLUCOSE CONDITIONS
Stefania Vaga
- P1656 - IDENTIFICATION OF NOVEL DNA DAMAGE-RELATED ADP-RIBOSYLATED PROTEINS USING QUANTITATIVE MASS SPECTROMETRY
Stephanie Jungmichel
- P1657 - LAMIN A/C IS A POSSIBLE SUBSTRATE OF PRMT DURING MYOBLAST FUSION
Su-Jin Kim
- P1658 - THE CDK5 REGULATED PHOSPHOPROTEOME OF SYNAPTIC VESICLE ENDOCYTOSIS
Sushma Ramesh Rao
- P1659 - DEVELOPMENT OF A SIMPLE PHOSPHOPROTEOMICS PROCEDURE USING LABEL FREE QUANTIFICATION
Susumu Y. Imanishi
- P1660 - ALTERATIONS OF THE SERUM GLYCOME OF LOCALLY IRRADIATED MICE
Thibault Chaze
- P1661 - PROTEOMIC ANALYSIS OF STRESS RESPONSES ASSOCIATED TO THE UBIQUITIN PROTEASOME SYSTEM
Thibault Mayor

Posters

P1662 - H-SCORE IMPROVED - REFINEMENTS TO THE MASS ACCURACY DRIVEN RESCORING APPROACH FOR IMPROVED PEPTIDE IDENTIFICATION IN MODIFICATION RICH SAMPLES

Toby J Mathieson

P1663 - INACTIVATION OF PEROXIREDOXIN 6 BY METHYLGLYOXAL

Tomoko Oya-Ito

P1664 - SCREENING OF GLYCOPROTEINS WITH ALTERED GLYCANS IN RHEUMATOID ARTHRITIS

Toshiyuki Sato

P1665 - SIMULTANEOUS ENRICHMENT PHOSPHO- AND GLYCOPROTEOMES FOR COMBINATION GO NETWORK ANALYSIS

Tran Huyen Trang

P1666 - RETENTION OF POLAR SPECIES ON POROUS GRAPHITIC CARBON WITHIN A COMPLEX PEPTIDE MIXTURE BY NANO-LC/MS

Valeria Barattini

P1667 - REFERENCE-FACILITATED SPECTRAL LIBRARY MATCHING OF PHOSHOPEPTIDES

Veronika Suni

P1668 - UNCOVERING THE CELL SIALO-PROTEOME USING METABOLIC OLIGOSACCHARIDE ENGINEERING AND MASS SPECTROMETRY

Violette Gautier

P1669 - QUANTITATIVE DISCRIMINATION OF ISOMERIC HYBRID AND COMPLEX TYPE N-LINKED GLYCANS USING ENDOGLYCOSIDASES COMBINED WITH MALDI MASS SPECTROMETRY

Wei Zhang

P1670 - EXPLORATION OF PH GRADIENT ION-EXCHANGE CHROMATOGRAPHY FOR HIGH RESOLUTION PROTEIN SEPARATIONS

Wim Decrop

P1671 - METHIONINE OXIDATION IMPAIRS PROCASPASE-3 ACTIVATION AFTER PHOTOFRIN®-MEDIATED PHOTODYNAMIC TREATMENT

Ya-Ju Hsieh

P1672 - IN-DEPTH PHOSPHOPROTEOME ANALYSIS FOR EVALUATING MOLECULAR-TARGETING DRUGS IN HIGH THROUGHPUT

Yasushi Ishihama

P1673 - GLOBAL CHARACTERIZATION OF DISULFIDE-MEDIATED PROTEIN CONJUGATES IN HUMAN PLASMA WITH A DIAGONAL GEL ELECTROPHORESIS SYSTEM

Yi-Tsen Chiang

P1674 - INCREASED PROTEIN SIALYLATION ASSOCIATED WITH BREAST CANCER METASTASIS

Yuan Tian

Posters

P1675 - STEPWISE WORKFLOW FOR GLYCAN PROFILING AND IDENTIFICATION OF OLIGOSACCHARIDE ISOFORMS USING MALDI-MSN SPECTRAL LIBRARY AND OFF-LINE SEPARATION SYSTEM

Yuzo Yamazaki

P1676 - USE QIT OR LTQ MASS SPECTROMETRY TO INTERPRET THE DETAIL COMPOSITION OF GLYCOPEPTIDE

Zhang Yang

MEMBRANE PROTEINS

P1677 - USE OF IMAC MAGNETIC BEADS FOR SIMPLIFIED DETERGENT SCREENING FOR OPTIMIZATION OF PURIFICATION OF HISTIDINE-TAGGED MEMBRANE PROTEINS

Anna Heijbel

P1678 - IDENTIFICATION AND CHARACTERIZATION OF THE NOVEL INTERACTING PARTNERS OF CAPILLARY MORPHOGENESIS GENE (CMG2) AND TUMOR ENDOTHELIAL MARKER (TEM8) IMPLICATED IN ANTHRAX TOXIN MECHANISM

Asvin Lakkaraju

P1679 - PROMISCUOUS EXPRESSION OF CELL SURFACE PROTEINS ON PLURIPOTENT STEM CELLS AND GERM CELLS

Bin Gu

P1680 - SURFACE MARKER DISCOVERY DURING EARLY MOUSE CARDIAC DEVELOPMENT

Charles Yoon

P1681 - PROTEOMIC ANALYSIS OF PLASMA MEMBRANE PROTEINS IN AN IN VITRO BLOOD-BRAIN BARRIER MODEL

Christophe Flahaut

P1682 - STRUCTURAL AND BIOCHEMICAL IDENTIFICATION OF NMDA RECEPTOR SUBUNITS NR1, NR2B AND NR3

Edgar Antonio Reyes-Montaña

P1683 - MEMBRANE PROTEOME SURFACE: METHODOLOGICAL STRATEGIES

Enrica Eleuterio

P1684 - DETECTION AND ENRICHMENT OF CYTOCHROME P450S USING AFFINITY CHROMATOGRAPHY TECHNIQUES

Hannah Bateson

P1685 - LARGE SCALE PHOSPHOPROTEOME TO IDENTIFY TRANSPORTERS INVOLVED IN SALT STRESS ADAPTATION ON ARABIDOPSIS ROOTS BY LABEL-FREE

Jerome Vialaret

Posters

- P1686 - **A HIGH-YIELD METHOD FOR REMOVING DETERGENTS FROM LOW-CONCENTRATION PROTEIN OR PEPTIDE SAMPLES FOR MASS SPECTROMETRY ANALYSIS**
John C. Rogers
- P1687 - **THE LPPX LIPOPROTEIN IS ACYLATED AND GLYCOSYLATED IN CORYNEBACTERIUM GLUTAMICUM**
Manuela Argentini
- P1688 - **PROTEIN INTERACTION MAP OF THE YEAST SACCHAROMYCES CEREVISIAE MEMBRANE INTERACTOME**
Mohan Babu
- P1689 - **EFFORTS TOWARDS IMPROVED IDENTIFICATION AND QUANTIFICATION OF PLASMA MEMBRANE PROTEINS**
Niurka Meneses Moreno
- P1690 - **STANDARDISATION OF A PROTEOMIC PLATFORM TO MONITOR CELL QUALITY OF CELLS USED FOR WHOLE CELL THERAPIES**
Peter Allen Faull
- P1691 - **QUANTITATIVE MEMBRANE PROTEOMICS ANALYSIS OF ASTROCYTIC DIFFERENTIATION OF NSC BY SILAC**
Ping Chen
- P1692 - **AN INTEGRATED EXPERIMENTAL WORKFLOW TO INCREASE THROUGHPUT AND DATA ROBUSTNESS FOR ANALYSIS OF MAMMALIAN PROTEIN INTERACTION NETWORKS**
Thomas Uhlmann
- P1693 - **STUDY OF LARGE MEMBRANE PROTEIN INTERACTION NETWORKS IN YEAST VIA SILAC-BASED QUANTITATIVE MASS SPECTROMETRY**
Silke Oeljeklaus
- P1694 - **LARGE-SCALE IDENTIFICATION OF CALCIUM OXALATE MONOHYDRATE CRYSTAL-BINDING PROTEINS ON APICAL MEMBRANE OF DISTAL RENAL TUBULAR EPITHELIAL CELLS USING A PROTEOMICS APPROACH**
Visith Thongboonkerd
- P1695 - **PROTEOMIC ANALYSIS REVEALS SALINITY-RESPONSIVE PROTEINS OF PHOTOBACTERIUM DAMSELAE SSP. PISCICIDA**
Wei-Jung Chen
- P1696 - **QUANTITATIVE ANALYSIS OF NATIVE MEMBRANE PROTEIN COMPLEXES BY BN-PAGE AND NANO-LC-MS/MS**
Wolfgang Bildl

Posters

BIOMARKER DISCOVERY

- P1697 - INFLAMMATION-INDUCED SECRETION OF CYTOKINES, CHEMOKINES AND GROWTH FACTORS BY PRIMARY HUMAN T-CELLS, MONOCYTES, ENDOTHELIAL CELLS AND FIBROBLASTS: CELL TYPE-SPECIFICITY AND RESPONSE TO DEXAMETHASON
C Gerner
- P1698 - MOLECULAR EPIDEMIOLOGY METHODS FOR THE DISCOVERY AND VALIDATION OF BIOMARKERS FOR EARLY DETECTION OF CANCERS OF THE AREODIGESTIVE TRACT
Amelie Plymoth
- P1699 - LARGE-SCALE PROTEOMIC ANALYSIS OF CHOLESTEATOMA
Anders Britze Hansen
- P1700 - ISOLATION OF GLYCOPROTEINS FROM HUMAN SEMINAL PLASMA AND IDENTIFICATION OF DIFFERENTIALLY EXPRESSED GLYCOPROTEINS IN NORMOZOOSPERMIA, OLIGOSPERMIA AND AZOOSPERMIA
Anil Kumar Tomar
- P1701 - ANTIBODY BASED CSF PROFILING REVEALS POTENTIAL MARKERS FOR MULTIPLE SCLEROSIS
Anna Häggmark
- P1702 - AFM/MS DETECTION OF HCVCORE-CONTAINING VIRAL PARTICLES
Anna Leonidovna Kaysheva
- P1703 - PROTEOMIC PROFILING OF PANCREATITIS USING RECOMBINANT ANTIBODY MICROARRAYS
Anna Sandström
- P1704 - PEROXIREDOXINS AND TROPOMYOSINS AS PLASMA BIOMARKERS FOR LUNG CANCER AND ASBESTOS EXPOSURE
Anne Puustinen
- P1705 - IN DEPTH COVERAGE OF THE IMMUNOPEPTIDOME: NEW INSIGHTS INTO THE PATHOGENESIS OF TYPE 1 DIABETES
Anthony Purcell
- P1706 - NEW STRATEGY FOR ISOLATION AND QUANTIFICATION OF ENDOGENOUS PEPTIDES IN URINE
Arkadiusz Nawrocki
- P1707 - AN IMPROVED NANOLC/MS/MS ION TRAP SETUP FOR THE IDENTIFICATION OF 800 PROTEINS FROM A CELL LINE LYSATE
Arnd Ingendoh
- P1708 - EXTRACELLULAR MATRIX REMODELING AND FIBROBLAST PRECURSOR CELL-DERIVED TUMOR PROMOTION IN THE BONE MARROW REFLECT THE PROGRESSION OF MGUS TO MULTIPLE MYELOMA
C Gerner

Posters

- P1709 - **RENAL PROTEOMICS: MOLECULAR CLASSIFICATION OF LUPUS NEPHRITIS AND FOCAL SEGMENTAL GLUMERULOSCLEROSIS USING PROTEIN EXPRESSION PROFILES**
Ayodele Alaiya
- P1710 - **IDENTIFICATION OF MESENCHYMAL STEM CELL SPECIFIC BIOMARKERS**
Ayodele Alaiya
- P1711 - **IN DEPTH PROTEOMIC SERUM ANALYSIS OF THE PROSPECTIVE STUDY OF OUTCOMES IN SPORADIC VERSUS HEREDITARY BREAST CANCER (POSH) COHORT**
Spiros Garbis
- P1712 - **PROTEOME ANALYSIS OF DIFFERENTIAL PROTEIN EXPRESSION PROFILING IN ALLERGEN-INDUCED ASTHMATIC MICE PLASMA AND HUMAN PLASMA ASSOCIATED WITH ASTHMA**
Bong Joo Kang
- P1713 - **DEVELOPMENT OF A BIOMARKER TRANSLATIONAL CENTER COUPLING IMPROVED, QUANTITATIVE MS BIOMARKER DISCOVERY TO RAPID DEVELOPMENT OF CLINICAL ASSAYS**
Bryan Krastins
- P1714 - **SERUM PROFILING IN NEUROMUSCULAR DYSTROPHIES: IDENTIFYING PROTEIN BIOMARKERS USING ANTIBODY SUSPENSION BEAD ARRAYS**
Burcu Ayoglu
- P1715 - **DISEASE ASSOCIATED PROTEIN(S) SCREENING IN SERUM OF MULTIPLE SCLEROSIS PATIENTS UTILIZING PROTEOMIC TOOLS**
Bushra Amin
- P1716 - **PREMISE AND PROMISE OF T.O.P. TEAM IN BIOCON.; PROTEOMICS APPROACHES TO INVESTIGATE ARS FAMILY'S NOVEL ACTIONS ON ORGAN SPECIFIC METASTASIS**
Byung-Gyu Kim
- P1717 - **QUANTITATIVE PLASMA PROTEOME ANALYSIS REVEALS ABERRANT LEVEL OF BLOOD COAGULATION-RELATED PROTEINS IN NASOPHARYNGEAL CARCINOMA**
Chih Ching Wu
- P1718 - **OPTIMISING CHROMATOGRAPHY FOR BIOMARKER DISCOVERY AND VALIDATION USING MICROFLUIDICS**
Chris J Hughes
- P1719 - **DISCOVERY OF NOVEL BIOMARKERS PREDICTIVE OF PRE-ECLAMPSIA: APPLICATION OF A RELATIVE QUANTITATIVE PROTEOMICS PIPELINE USING ITRAQ AND MULTIPLE REACTION MONITORING**
Christal Fisher
- P1720 - **COMBINING IN VIVO BIOTINYLATION AND FLUORESCENCE-ACTIVATED CELL SORTING FOR PROTEOMIC APPLICATIONS**
Christoph Rösli

Posters

- P1721 - **IDENTIFICATION OF POTENTIAL BIOMARKERS FOR PANCREATIC CANCER BY ANTIBODY MICROARRAYS**
Christoph Schröder
- P1722 - **DETERMINING PROTEIN DEGRADATION AND PROTEASE ACTIVITY IN SAMPLES OBTAINED BY LASER-CAPTURE MICRO-DISSECTION**
Christoph Stingl
- P1723 - **MALDI-TOF MS PROFILING AS THE FIRST-TIER SCREEN FOR SICKLE CELL DISEASE IN NEONATES: MATCHING THROUGHPUT TO OBJECTIVES**
Christophe Flahaut
- P1724 - **SYSTEMATIC BIOMARKER DISCOVERY BY SECRETOME ANALYSES OF DISEASE-ASSOCIATED PRIMARY HUMAN CELLS**
Christopher Gerner
- P1725 - **HIGH RESOLUTION TARGETED PROTEOMICS: BIOMARKER DISCOVERY IN A MOUSE TRANSGENIC MODEL OF MYOPATHY**
Claire Dauly
- P1726 - **IDENTIFICATION OF NEW BIOMARKERS FOR DISCRIMINATING PROSTATE CANCER PATIENTS WITH HIGH RISK OF RELAPSE**
Cordelia Geisler
- P1727 - **NEW METHOD FOR THE DETECTION OF INTERESTING BIOMARKERS IN BLADDER CANCER**
Corinna Henkel
- P1728 - **GOLD NANOPARTICLE-BASED SIGNAL AMPLIFICATION IN OLISA FOR SENSITIVE DETECTION OF PROSTATE SPECIFIC ANTIGEN**
Dae-Ro Ahn
- P1729 - **BIOMARKERS FOR CHEMORESISTANCE IN OSTEOSARCOMA; APPLICATIONS OF 2D-DIGE USING BIOPSY SAMPLES**
Daisuke Kubota
- P1730 - **CHANGES IN AMNIOTIC FLUID AND UMBILICAL CORD SERUM PROTEOMIC PROFILES OF FOETUSES WITH INTRAUTERINE GROWTH RETARDATION**
Daniela Cecconi
- P1731 - **TOP-DOWN LABEL-FREE LC-MALDI ANALYSIS OF THE PEPTIDOME DURING NEURAL PROGENITOR CELL DIFFERENTIATION IDENTIFIES PROGENITOR CELL MARKERS**
Detlev Suckau
- P1732 - **DIFFERENTIAL PROTEIN EXPRESSION PROFILING OF ISOGENIC HUMAN COLORECTAL CANCER CELL LINES BY ITRAQ TWO DIMENSIONAL LC-MS/MS IDENTIFIES POTENTIAL PROTEIN TARGETS FOR METASTASIS**
Dipanjana Ghosh

Posters

- P1733 - **NETWORK-BASED CLASSIFICATION OF HUMAN LIVER CANCER RECURRENCE**
Dong Li
- P1734 - **GENDER DIFFERENCES IN BROWN ADIPOSE TISSUE PROTEOME OF LEAN AND OBESE RATS FED A HIGH FAT DIET**
Duk Kwon Choi
- P1735 - **BLADDER CANCER BIOMARKER EVALUATION USING SELECTED REACTION MONITORING COMBINED WITH QCONCAT INTERNAL STANDARDS**
Elodie Duriez
- P1736 - **THE EFFECT OF EXHAUSTIVE PHYSICAL ACTIVITY ON PROTEIN AND METABOLIC PROFILE OF SUGARCANE WORKERS**
Eloiza Helena Tajara
- P1737 - **ACCELERATION OF BIOMARKER VALIDATION BY DEVELOPMENT OF A SHORT CUT PROCESS FROM IMMUNIZATION TO HIGH THROUGHPUT SELECTION OF MONOCLONAL ANTIBODY**
Emilie Du Paty
- P1738 - **PRODUCTION OF MONOCLONAL ANTIBODY TO TESC/CIN(TESC) AND DEVELOPMENT OF LUMINEX ASSAY SYSTEM FOR A QUANTITATIVE ANALYSIS OF TESC**
Eun Young Song
- P1739 - **OPTIMIZING PARTICLE SIZE AND COLUMN LENGTH, WHAT IS THE BEST WAY TO UTILIZE NANO UHPLC IN PROTEOMICS?**
Evert-Jan Sneekes
- P1740 - **TWO DIMENSIONAL SEC // RP CAPILLARY LC FOR TOP-DOWN PROTEOMICS ANALYSIS**
Evert-Jan Sneekes
- P1741 - **SAMPLE TREATMENT TO IMPROVE 2-DE ANALYSIS OF HUMAN SEMINAL PLASMA PROTEINS**
Federica Giuradei
- P1742 - **SURFACEOME DERIVED GLYCOPROTEIN BIOMARKER CANDIDATES FOR MALIGNANT PLEURAL MESOTHELIOMA**
Ferdinando Cerciello
- P1743 - **AN APPROACH TO CRONIC KIDNEY DISEASE THROUGH METABOLOMICS**
Fernando Vivanco
- P1744 - **SVM ANALYSIS OF IRRADIATED PROTEOME SELECTS 99% PREDICTIVE IONIZING RADIATION MARKERS, IN THE PRESENCE OF CONFOUNDING FACTORS**
Fiona Plows
- P1745 - **INTEGRATING TRYPSIN AND LYS-N PROTEOLYSIS IN MS-BASED PROTEOMICS FOR DUCHENNE MUSCULAR DYSTROPHY**
Florine Cynthia Martin

Posters

- P1746 - "TFA ION SUPPRESSION" IN LC ESI-MS/MS? BEATING THE DOGMA WITH CRUSHING EVIDENCES USING NANO RAPID CHROMATOGRAPHY WITH ESI-LTQ ORBITRAP
François Guillonneau
- P1747 - SINGLE-STEP SINGLE-USE PROTEIN DEPLETION FOR PROTEOMICS SAMPLE PREPARATION
Frank J.M. Detmers
- P1748 - SYSTEMATIC GENERATION OF LINEAR PH GRADIENTS IN ION EXCHANGE CHROMATOGRAPHY FOR PROTEOMIC SEPARATION
Frieder Kroener
- P1749 - MASS-SPECTROMETRY BASED ANALYSIS OF HUMAN BLOOD SERA PEPTIDOME FOR A SEARCH OF SOCIALLY SIGNIFICANT DISEASE BIOMARKERS
Arapidi Georgy Pavlovich
- P1750 - GENIUSN-GLYCANSCAN: NEW BIOINFORMATICS PLATFORM FOR HIGH-THROUGHPUT PROFILING OF N-GLYCANS FROM MALDI FT-ICR MS SPECTRA IN HUMAN SERUM
Jong Shin Yoo
- P1751 - NATIVE PEPTIDES FROM PLASMA: TOP-DOWN IDENTIFICATIONS USING HIGH RESOLUTION MASS SPECTROMETRY AND DEDICATED BIOINFORMATICS DATA PRE-PROCESSING
Hans-Dieter Zucht
- P1752 - IDENTIFICATION OF CANDIDATE NASOPHARYNGEAL CARCINOMASERUM BIOMARKERS BY CANCER CELL SECRETOME AND TISSUETRANSCRIPTOME ANALYSIS: POTENTIAL USAGE OF CYSTATIN A FORPREDICTING NODAL STAGE AND POOR PROGNOSIS
Hao-Ping Liu
- P1753 - THE SEARCH FOR A BIOMARKER OF HEPATIC INJURY EXPRESSED BY SINUSOIDAL ENDOTHELIAL CELLS
Haruhiko Kamada
- P1754 - DISCOVERY OF PROTEIN BIOMARKER CANDIDATES INVOLVED IN CARCASS AND MEAT QUALITY IN CATTLE
Haruka Ikegami
- P1756 - METABOLOMIC PROFILING OF CHRONIC ALLOGRAFT NEPHROPATHY RESULTING FROM IMMUNOSUPPRESSANT THERAPIES IN POST RENAL TRANSPLANTATION PATIENTS
Hilary Cassidy
- P1757 - COLORECTAL CANCER PROTEOMICS REVEALS HETEROGENOUS PROTEIN EXPRESSION IN COLORECTAL CANCER TISSUE
Hirotaka Yonemori
- P1758 - QUANTIFICATION OF SAA, FOR THE VERIFICATION AS A POTENTIAL LUNG CANCER BIOMARKER BY MULTIPLE REACTION MONITORING ASSAY IN CRUDE SERUM
Hyejin Sung

Posters

- P1759 - **URINARY EXOSOMES: IMPROVED METHOD FOR CLINICAL APPLICATIONS**
Ida Chiara Guerrera
- P1760 - **MASS SPECTROMETRIC CHARACTERIZATION OF HUMAN URINE PROTEOME CHANGES INDUCED BY SPACE FLIGHT**
Alexey Kononikhin
- P1761 - **MICRONUTRIENT DEFICIENCIES AND THE HUMAN PLASMA NUTRIPROTEOME**
Ingo Ruczinski
- P1762 - **ROLE OF TYROSINE PHOSPHATASES SHP1 AND SHP2 IN DEVELOPING BCR-ABL ACTIVITY INDEPENDENT RESISTANCE TO IMATINIB MESYLATE**
Irene Colavita
- P1763 - **PROTEOME ANALYSIS OF AQUEOUS HUMOR IN PRIMARY OPEN ANGLE GLAUCOMA (POAG)**
Iyyanar Paul Pown Raj
- P1764 - **IN VIVO PROTEOME DYNAMICS OF BOVINE MAMMARY EPITHELIAL CELLS DURING LACTATION REVEALS POTENTIAL BIOMARKER CANDIDATES OF LACTATION PERSISTENCY**
Jagadeesh Janjanam
- P1765 - **PROTEOMIC ANALYSIS OF PSORIASIS INTERSTITIAL FLUID TO IDENTIFY NOVEL BIOMARKERS IN PSORIASIS**
James Colin Williamson
- P1766 - **CAPABILITIES OF ULTRA-LOW FLOW CESI-MS FOR PROTEOMIC STUDIES**
Jean-Marc Busnel
- P1767 - **PTMSCAN DIRECT: A METHOD FOR IDENTIFICATION AND QUANTIFICATION OF CRITICAL SIGNALING NODES**
Jeffrey Cruz Silva
- P1768 - **MASS SPECTROMETRY-BASED PROTEOMIC ANALYSIS OF HUMAN THYROID FINE NEEDLE ASPIRATION CYSTIC FLUID AND THYROID CANCER CELL SECRETOME FOR THYROID CANCER BIOMARKERS DISCOVERY**
Jeng-Ting Chen
- P1769 - **BIOLOGICAL VARIATION IN THE SERUM PROTEOME OF HEALTHY PEOPLE**
Jennifer E. Van Eyk
- P1770 - **PROTEOMICS: ANSWER TO BIOMARKER DISCOVERY FOR OCULAR DISORDERS?**
Jigisha Darbha
- P1771 - **MARKERS OF BIOLOGICAL BEHAVIOUR OF PROSTATE CANCER**
Jonathan Dunne
- P1772 - **PROTEOMICS PHENOTYPING OF HUMAN CANCER CELL LINES**
Vadiraja BHAT

Posters

- P1773 - TARGETED MASS SPECTROMETRIC APPROACH FOR BIOMARKER DISCOVERY AND VALIDATION WITH NON-GLYCOSYLATED TRYPTIC PEPTIDES FROM N-LINKED GLYCOPROTEINS IN HUMAN PLASMA
Ju Yeon Lee
- P1774 - CONTRIBUTION OF ISOTOPIC MASS SPECTROMETRY TO PROFILING PROTEIN CHANGES IN COLORECTAL CANCER DISEASE (CRC)
Luc Camoin
- P1775 - SERUM FUCOSYLATED GLYCOPROTEIN BIOMARKERS DISCOVERY FOR SMALL-CELL LUNG CANCER USING GLYCOPROTEOMIC ANALYSIS
Jung-Mo Ahn
- P1776 - USING CYSTEINYL-PEPTIDE CAPTURE TO INCREASE THE DEPTH OF COVERAGE OF AMNIOTIC FLUID PROTEOME
Juraj Lenco
- P1777 - IDENTIFICATION OF LIVER IMMUNO-MARKERS IN HEPATOCELLULAR CARCINOMA
K Arafah
- P1778 - PROTOCOL OPTIMIZATION FOR ENDOGENOUS PEPTIDE EXTRACTION AND ISOLATION
Karl Sköld
- P1779 - IN-DEPTH CHARACTERISATION OF THE HLA-A*0201 IMMUNOPEPTIDOME TO DISCOVER CANCER-SPECIFIC EPITOPES
Katherine Elise Scull
- P1780 - PROBING MASS SPECTROMETRIC STRATEGIES FOR HIGH SENSITIVITY QUANTIFICATION OF
Kathleen Lewis-Torpey
- P1781 - SERUM FIC 5.9 LEVELS AS A PROMISING BIOMARKER FOR DETECTING LIVER PATHOLOGIES
Kenta Noda
- P1782 - PROTEOMIC ANALYSIS OF URINE FROM KIDNEY-INJURED RAT USING VARIOUS PROTEIN FRACTIONATION TECHNIQUES AND LC-MS ANALYSIS
Kohji Nagano
- P1783 - CARBOHYDRATE-TARGETING BIOMARKER DISCOVERY FOR PANCREATIC CANCER BY INTEGRATING LABEL-FREE QUANTIFICATION AND ISOTOPIC GLYCOSIDASE ELUTION AND LABELING ON LECTIN-COLUMN CHROMATOGRAPHY (IGEL)
Koji Ueda
- P1784 - METASTATIC CANCER BIOMARKER DISCOVERY IN THE MICRODISSECTED ORAL TISSUES USING ITRAQ LABELING COUPLED WITH 2D-RP LC-MS/MS ANALYSIS
Lang-Ming Chi
- P1785 - PROTEOMIC ANALYSIS MITOCHONDRIA FROM HUMAN HEPATOCELLULAR CARCINOMA IN VIETNAM
Le Lan Phuong

Posters

- P1786 - **NEW METHODS AND PLATFORMS FOR LIQUID PHASE BASED PROTEOME SEPARATION AND IDENTIFICATION**
Lihua Zhang
- P1787 - **LINKING PROTEIN EXPRESSION PROFILES WITH INTERACTOME DATA – A STRATEGY FOR PREDICTING ENDOCRINE RESISTANCE IN BREAST CANCER PATIENTS TREATED WITH TAMOXIFEN**
Lina Hultin Rosenberg
- P1789 - **AUTOANTIBODY BIOMARKER DISCOVERY AND VALIDATION: FROM FUNCTIONAL PROTEIN MICROARRAYS TO XMAP TECHNOLOGY**
Lisa Freeman-Cook
- P1790 - **BIOMARKER DISCOVERY FOR HEPATOCELLULAR CARCINOMA BASED ON MONOCLONAL ANTIBODY TECHNOLOGY**
Liu Ying
- P1791 - **IDENTIFICATION OF PROTEINS RELATED TO EARLY CHANGES OBSERVED IN HUMAN HEPATOCELLULAR CARCINOMA CELLS AFTER TREATMENT WITH THE ZEARALENONE**
Luc Camoin Camoin
- P1792 - **DECREASED LEVELS OF RETINOL BINDING PROTEIN 4 IN SERUM OF EPITHELIAL OVARIAN CANCER PATIENTS. TUMOR MARKER OR AN EARLY INDICATOR OF CANCER CACHEXIA?**
Lucie Lorkova
- P1793 - **SECRETOME: A PROMISING SOURCE FOR BIOMARKER DISCOVERY IN PANCREATIC CANCER CELL LINES**
Mahnaz Masoumeh Moradian
- P1794 - **QUALITATIVE AND QUANTITATIVE PROTEOMIC PROFILING OF ACUTE RENAL REJECTION BY LC-MSE**
Maisa Mayumi Sakata
- P1795 - **PROSTATE CANCER (PCA) STAGE-RELATED PROTEINS FOR TARGET DISCOVERY**
Makoto Kihara
- P1796 - **PROTEOMIC ANALYSIS OF CLASS IV LUPUS NEPHRITIS: GLOBAL VERSUS SEGMENTAL**
Mamdouh Albaqumi
- P1797 - **TRANSLATIONAL BIOMARKERS: IDENTIFICATION OF BIOMARKERS RELATED TO CAPECITABINE RESPONSE IN SOLID TUMORS BY NUCLEIC ACIDS PROGRAMMABLE PROTEIN MICROARRAYS (NAPPA), IFISH AND SNPS APPROACHES**
Manuel Fuentes
- P1798 - **INTERACTION PROFILING OF A MULTI-KINASE INHIBITOR BY SILAC-BASED CHEMICAL PROTEOMICS**
Mara Colzani

Posters

- P1799 - **DEVELOPING A PROTEOMIC PROGNOSTIC SIGNATURE FOR BREAST CANCER**
Maria Pavlou
- P1800 - **PLASMA PROTEOMIC STUDY FOR BIOMARKERS OF THERAPEUTIC RESPONSE IN RENAL CELL CARCINOMA**
Marina Hincapie
- P1801 - **URINE SECRETOME PROTEOMIC ANALYSIS FOR IDENTIFYING BIOMARKERS FOR PROSTATE CANCER**
Marina Rigau
- P1802 - **HUMAN PLASMA CLUSTERIN AS A PREDICTIVE BIOMARKER FOR BEING AT RISK OF SMALL FOR GESTATIONAL AGE INFANTS BORN TO HEALTHY WOMEN AND WOMEN WITH PREECLAMPSIA**
Marion Blumenstein
- P1803 - **PROTEOMIC PROFILING OF HEPATOCELLULAR CARCINOMA BY THE "PROTOMAP" STRATEGY IDENTIFIED DIAGNOSTIC AND PROGNOSTIC BIOMARKERS**
Masato Taoka
- P1804 - **PROTEOMIC ANALYSIS OF GASTRIC CANCER SECRETOMES REVEALED GRANULIN AS A POTENTIAL SEROLOGICAL BIOMARKER FOR GASTRIC CANCER DIAGNOSIS**
Maxey C. M. Chung
- P1805 - **INVESTIGATION OF THE SOLUBLE BRONCHOALVEOLAR LAVAGE CELL PROTEOME IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
Maxie Kohler
- P1807 - **HUMAN PLASMA PROTEOMIC INVESTIGATION OF TRANSIENT ISCHAEMIC ATTACK BY 2D-DIFFERENTIAL IN-GEL ELECTROPHORESIS (DIGE) AND MASS SPECTROMETRY: A PILOT STUDY**
Michael Djukic
- P1808 - **MOUSE TO HUMAN AUTOANTIBODY SIGNATURE IN PANCREATIC DUCTAL ADENOCARCINOMA**
Michela Capello
- P1809 - **HIGH THROUGHPUT LECTIN MAGNETIC BEAD ARRAY (LEMBA) FOR GLYCOPROTEIN BIOMARKER DISCOVERY**
Michelle Hill
- P1810 - **GLYOXALASE I OVEREXPRESSION IS POSITIVELY ASSOCIATED WITH HIGH-GRADE BREAST CARCINOMA IN MEXICAN POPULATION: A PROTEOMIC-BASED APPROACH**
Miguel Angel Fonseca Sanchez
- P1811 - **CORRA-ATAQS: A COMPUTATIONAL SOFTWARE TOOL FOR HIGH THROUGHPUT DISCOVERY AND VALIDATION OF BIOMARKER CANDIDATES**
Mi-Youn Brusniak
- P1812 - **SERUM PROTEOME PROFILE AND BIOMARKER IDENTIFICATION FOR PROLIFERATIVE AND NON PROLIFERATIVE DIABETIC RETINOPATHY**
Murugesan Valar Nila

Posters

P1813 - IDENTIFICATION OF COMPLEMENT COMPONENT 9 AS A SERUM BIOMARKER FOR SQUAMOUS CELL LUNG CANCER (SQLC) BY FUCOSYLATED GLYCOPROTEOMIC APPROACH

Narayanasamy Arul

P1814 - COMPARATIVE ANALYSIS OF SERUM SAMPLES FROM CERVICAL CANCER PATIENTS FOR BIOMARKER DISCOVERY USING ITRAQ LABELLING

Natalia I Govorukhina

P1815 - CELL THERAPY - AGE-DEPENDENT PROTEIN EXPRESSION OF MESENCHYMAL STEM CELLS

Oliver Klein

P1816 - OPTIMAL CONDITIONS FOR EXTRACTION OF PROTEINS FROM HEAT-STABILIZED TISSUES PRIOR TO 2DGE

Olof Sköld

P1817 - QUANTITATIVE PROTEOMIC ANALYSIS OF VARIABILITY IN THE HUMAN PLASMA PROTEOME IN CONTROLLED CONDITIONS OF LIFE

Oxana P. Trifonova

P1818 - IDENTIFICATION OF A SET OF 8 PROTEINS ABLE TO PREDICT THE RESPONSE TO METHOTREXATE/ ETANERCEPT IN RHEUMATOID ARTHRITIS PATIENTS

Pascal Cosette

P1819 - BIOMARKER DISCOVERY IN CARTILAGE AND SERUM OF PATIENTS WITH OSTEOARTRITIS DISEASE

Patricia Fernández-Puente

P1820 - INCREASING PROTEIN IDENTIFICATIONS ON A Q-TOF MASS SPECTROMETER

Patrick D Perkins

P1821 - DISCOVERY OF PEPTIDE BIOMARKERS FOR ISCHEMIC DISEASE

Patrick Slama

P1822 - TOWARDS UNDERSTANDING THE MECHANISMS OF METASTASIS IN LOW GRADE BREAST CANCER: DISCOVERY OF NEW TARGETS VIA „OMICS“ TECHNIQUES

Pavel Bouchal

P1823 - PROTEOMICS OF SPERM RELEASE: FINDING TARGETS FOR DIAGNOSIS OF IMPAIRED MALE FERTILITY

Rahul D Upadhyay

P1824 - PROTEOMICS PROFILING OF LOW MOLECULAR WEIGHT PLASMA PROTEINS FROM RADIOTHERAPY PATIENTS

Reetta Nylund

P1825 - NEW LC-MS WORKFLOWS ENABLED BY EFFICIENT IN-LINE DIGESTION

Remco Swart

Posters

- P1826 - USING 200 μ M ID CHIPLC COLUMNS FOR INCREASED SAMPLE THROUGHPUT IN PEPTIDE QUANTITATION
Remco Van Soest
- P1827 - FROM DISCOVERY TO VALIDATION – BIOMARKER FOR RECURRING BREAST CANCER IN HUMAN TISSUE
Reto Ossola
- P1828 - PROTEOMIC SIGNATURE OF DRUG RESISTANCE TO AURORA KINASE INHIBITORS
Rita Hrabakova
- P1829 - REDUCTION OF CO-FRAGMENTED PEPTIDES BY ION MOBILITY TO IMPROVE PEPTIDE IDENTIFICATION AND QUANTITATION
Robert Tonge
- P1830 - COMPARISON OF TEAR BIOMARKERS FOR DRY EYE USING PATIENT POPULATION FROM SINGAPORE AND CHINA
Roger W Beuerman
- P1831 - CHARACTERIZATION OF CIRCULATING AUTOANTIBODIES TO POST-TRANSLATIONALLY MODIFIED LPHA-ENOLASE IN PANCREATIC DUCTAL ADENOCARCINOMA
Sammy Ferri-Borgogno
- P1832 - TEMPORAL FLUCTUATIONS IN HUMAN PLASMA PROTEINS BY SELECTED REACTION MONITORING (SRM) MASS SPECTROMETRY
Sarah Randall
- P1833 - ANALYSIS OF DIFFERENTIALLY EXPRESSED PROTEINS IN PATIENTS WITH BRONCHIAL ASTHMA
Satish kumar Devarapu
- P1834 - HETEROGENEOUS RIBONUCLEOPROTEIN K (HNRNPK) IS AN EARLY PREDICTIVE MARKER AND PROGNOSTICATOR FOR HEAD AND NECK/ORAL SQUAMOUS CELL CARCINOMA
Satyendra Chandra Tripathi
- P1835 - QUANTITATIVE PROTEOMICS ON BRONCHIAL BIOPSIES FROM ASTHMA AND COPD: EFFECTS OF BUDESONIDE TREATMENT
Serena O'neil
- P1836 - DIAGNOSTIC USEFULNESS OF SERUM CATHEPSIN D AND MATRIX METALLOPROTEINASE-7 FOR PANCREATIC DUCTAL ADENOCARCINOMA
Kyoung-Jin Park
- P1837 - ISOELECTRIC FOCUSING WITH SINGLE STRIP CONTROL: INCREASING REPRODUCIBILITY AND FLEXIBILITY OF 2-D GELS
Stefan Lehr

Posters

- P1838 - **PROTEOMICS APPROACH IN A MOUSE MODEL OF CHEMICAL-INDUCED ASTHMA TO IDENTIFY BIOMARKERS OF SENSITIZATION**
Steven Haenen
- P1839 - **SERUM PROTEIN PROFILING IN MOUSE MODELS WITH DYSTROPHIN DEFICIENCY USING BEAD-FRACTIONATION, MALDI-MS AND LINEAR REGRESSION**
Stijn Oonk
- P1840 - **METABOLITE PROFILING OF MYXOBACTERIAL SECONDARY METABOLITES ADDRESSED BY UHR-Q-TOF-MS ANALYSIS USING TARGETED AND UNTARGETED STRATEGIES**
Stuart Pengelley
- P1841 - **METABOLIC PROFILING OF A CORYNEBACTERIUM GLUTAMICUM PRPD2 MUTANT STRAIN BY GC-APCI-TOF ANALYSIS**
Stuart Pengelley
- P1842 - **DETECTING PROTEINS DIFFERENTIALLY EXPRESSED IN THE NEUTROPHIL PROTEOME BETWEEN LOW AND HIGH MIGRATORS**
Susan A Kennedy
- P1843 - **ROLE OF THE EXTRACELLULAR MATRIX IN REGULATING THE INVASIVENESS OF CHOLANGIOCARCINOMA CELLS**
Suthidarak Chaijan
- P1844 - **PROTEOMIC ANALYSIS OF PROTEINS RESPONSIBLE FOR THE DEVELOPMENT OF DOXORUBICIN RESISTANCE IN HUMAN UTERINE CANCER CELLS**
Szu-Ting Lin
- P1845 - **SOLID-PHASE HEXAPEPTIDE LIGAND LIBRARY WITH LIQUID CHROMATOGRAPHY AND TWO-DIMENSIONAL DIFFERENCE GEL ELECTROPHORESIS FOR INTACT PLASMA PROTEOMICS**
Tadashi Kondo
- P1846 - **TIME-DEPENDENT HEPATIC PROTEOME ANALYSIS IN LEAN AND DIET-INDUCED OBESE MICE**
Tae Seok Oh
- P1847 - **ROLES OF SERUM GLYCOPROTEIN PROFILES IN SPONTANEOUS TOLERANCE AFTER LIVER ALLOGRAFT TRANSPLANTATION**
Tai-Long Pan
- P1848 - **DIFFERENTIAL PROTEOMICS FOR THE EVALUATION OF ATHEROSCLEROSIS PROGRESSION USING PLASMA AND ARTERIAL TISSUES OF A MOUSE MODEL**
Takeshi Sakamoto
- P1849 - **NOVEL INSIGHT AND METABOLITE BIOMARKERS FOR ACUTE REJECTION OF KIDNEY TRANSPLANT**
Tara Sigdel
- P1850 - **UROMODULIN EXCLUSION LIST IMPROVES URINARY EXOSOMAL PROTEIN IDENTIFICATIONS**
Thomas F Hiemstra

Posters

- P1851 - **A RETROSPECTIVE BIOMARKER STUDY (COHORT SIZE: N=156) UPON POSTOPERATIVE PROGNOSIS OF INVASIVE PANCREATIC DUCTAL CARCINOMA (PDC) BY SEMI-QUANTITATIVE FFPE TISSUE PROTEOMICS AND PATHWAY ANALYSIS**
Toshihide Nishimura
- P1852 - **PROTEOMIC ANALYSIS OF HUMAN HEPATOCELLULAR CARCINOMA IN VIETNAM**
Trinh Hong Thai
- P1853 - **A PILOT STUDY FOR THE USE OF RANDOM PEPTIDE ARRAYS FOR BIOMARKER DISCOVERY IN BREAST CANCER**
Ulf Reimer
- P1854 - **DISCOVERY AND VERIFICATION OF CNDP1 AS A PROSTATE CANCER BIOMARKER CANDIDATE IN PLASMA**
Ulrika Margareta Igel
- P1855 - **VERIFICATION OF BIOMARKERS FOR BREAST CANCER DIAGNOSIS BY MULTIPLE REACTION MONITORING**
Un-Beom Kang
- P1856 - **INVESTIGATION OF POTENTIAL BIOMARKERS OF SOCIALLY-SIGNIFICANT HUMAN DISEASES IN SERUM PEPTIDOME**
Vadim M Govorun
- P1857 - **SINGLE CELL MALDI-TOF MASS SPECTROMETRY ANALYSIS: MAMMALIAN OOCYTE PROFILING COULD REFLECT ITS QUALITY**
Valérie Labas
- P1858 - **QUANTITATIVE PROTEOMIC (ITRAQ) ANALYSIS OF 1ST TRIMESTER MATERNAL PLASMA SAMPLES IN PREGNANCIES AT RISK FOR PREECLAMPSIA**
Varaprasad Kolla
- P1859 - **TOWARDS EARLY MELANOMA BIOMARKERS: SYSTEMATIC SECRETOME PROFILING OF HUMAN TISSUE SAMPLES AND PRIMARY STROMA AND TUMOR CELLS**
Verena Paulitschke
- P1860 - **THE HUMAN INTER-INDIVIDUAL URINARY PROTEOME ANALYSIS DEFINING THE MINIMAL SAMPLE SIZE FOR CLINICAL PROTEOMIC RESEARCH**
Wei Sun
- P1861 - **IDENTIFICATION OF TBRG4 AS A NOVEL ONCOGENE IN BREAST CARCINOMA**
Wei Zhang
- P1862 - **POTENTIAL URINARY BIOMARKERS FOR PREDICTING THE CLINICAL OUTCOME OF REFLUX NEPHROPATHY IN CHILDREN**
Wei-Jung Chen

Posters

P1863 - IDENTIFICATION OF A NEW SET OF IMMUNOHISTOCHEMICAL BIOMARKERS FOR CLASSIFICATION OF DYSPLASTIC NODULES AND SMALL HEPATOCELLULAR CARCINOMA

Yan Li

P1864 - TOWARDS QUANTITATIVE ANALYSIS OF HUMAN SWEAT PROTEOME

Yohann Couté

P1865 - BIOMARKER DISCOVERY OF HIV-RELATED FATIGUE

Young Ah Goo

P1866 - DIFFERENTIAL PROTEOME PROFILING USING ITRAQ IN MICROALBUMINURIC AND NORMOALBUMINURIC TYPE 2 DIABETIC PATIENTS

Youngsoo Kim

P1867 - GLYCOPROTEINS ASSOCIATED WITH DIFFERENT HISTOLOGICAL SUBTYPES OF OVARIAN TUMORS

Yuan Tian

P1868 - HIGH-SPEED MEMBRANE PROTEOMIC SIGNATURE BY INFORMATICS-ASSISTED LABEL-FREE QUANTITATION FOR CANCER BIOMARKER DISCOVERY AND VERIFICATION

Yu-Ju Chen

P1869 - DEVELOPMENT OF THE PROTEASE IMMOBILIZED MICRO-FLOW CHIP FOR THE PROTEIN STRUCTURAL ANALYSES USING MASS SPECTROMETRY

Yukie Sasakura

P1870 - CIRCULATING BIOMARKER-IGM COMPLEXES IN THE SERUM OF PEDIATRIC PATIENTS WITH OSTEOSARCOMA AND EWING'S TUMOR

Yulia Savitskaya

CENTRAL NERVOUS SYSTEM

P1871 - PROTEOMICS OF HUMAN MYELIN AND AXOGLIAL-APPARATUS: IMPLICATION OF PERTURBED AXOGLIAL-APPARATUS IN PEDIATRIC ONSET MULTIPLE SCLEROSIS

Ajit Singh Dhaunchak

P1872 - IMMUNOPROTEOMIC PROFILING OF BRAIN STEROID 5 ALPHA REDUCTASES IN SLEEP-DEPRIVED RATS

Alessio Soggiu

P1873 - MRM QUANTITATION OF JC VIRUS IN BRAIN TISSUE FOR A CASE OF PROGRESSIVE MULTIFOCAL LEUKOENCEPHALOPATHY (PML) CAUSED BY SELECTIVE IMMUNE DEFICIENCY

Alexander Buko

P1874 - QUANTITATIVE ANALYSIS OF MYELIN BASIC PROTEIN DEGRADATION USING 18O-ISOTOPE LABELING

Alexey Kononikhin

Posters

- P1875 - IDENTIFICATION OF SYNUCLEINS AND OTHER SYNAPSE-ASSOCIATED PROTEINS IN ZEBRAFISH AND HUMAN BRAIN TISSUE
Ann Brinkmalm
- P1876 - INDUCTION OF NEURONAL DEATH BY MICROGLIAL AGE-ALBUMIN: IMPLICATIONS FOR ALZHEIMER'S DISEASE
Bonghee Lee
- P1877 - PROTEOME ANALYSIS OF POST-TRANSPLANTATION RECOVERY MECHANISMS OF EAE MODEL OF MULTIPLE SCLEROSIS TREATED WITH STEM CELL-DERIVED NEURAL PRECURSORS
Davood Bagher Nasrabadi
- P1878 - EVOLUTIONARY AND STRUCTURAL RELATIONSHIPS OF IONOTROPIC RECEPTORS NMDA, AMPA AND KAINATE IN FOUR SPECIES OF PRIMATES
Edgar Antonio Reyes-Montaña
- P1879 - ALTERED PROTEIN TRAFFICKING QUANTIFIED IN THE SYNAPSE OF SCHIZOPHRENIC POST-MORTEM BRAIN USING LC-SRM/MS AND A LABELED MOUSE BRAIN STANDARD
Eugene Ciccimaro
- P1880 - MASS SPECTROMETRIC CHARACTERIZATION OF AMYLOID ISOFORMS FROM CAT CEREBROSPINAL FLUID. DETERMINATION OF THE CAT AMYLOID SEQUENCE
Gunnar Brinkmalm
- P1881 - IDENTIFY THE PROTEINS ARE INVOLVED IN PARKINSON'S DISEASE USING PROTEOMICS
Jin Sup Sin
- P1882 - PROTEOMIC IDENTIFICATION OF DIFFERENTIALLY EXPRESSED GENES DURING THE DIFFERENTIATION FROM EMBRYONIC STEM CELLS OF CYNOMOLGUS MONKEY (MACACA FASCICULARIS) TO NEURAL STEM CELLS IN VITRO
Kuniko Akama
- P1883 - SYSTEMS BIOLOGY APPROACHES TOWARDS HUMAN BRAIN DISEASE: CATHEPSIN D DEFICIENCY
Maciej Maurycy Lalowski
- P1884 - EXERCISE EFFECTS ON THE HIPPOCAMPUS PROTEOME IN BRAIN AGING: PUTATIVE BIOMARKERS
Marilisa Sulpizio
- P1885 - DISTRIBUTION AND FUNCTION RESEARCH OF VITAMIN D BINDING PROTEIN IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS
Shilian Liu
- P1886 - CNDP2 OVEREXPRESSION IN NIGRAL TISSUE OF PARKINSON'S DISEASE PATIENTS
Virginie Licker

Posters

POSTERS SUBMITTED FOR HUP0 INITIATIVES

P1887 - PROTEOME CHARACTERISTICS OF HUMAN WHARTON'S JELLY MESENCHYMAL STEM CELLS BY SDS-PAGE COMBINED WITH NANOLC-MS/MS ANALYSIS

Chang-Chun Hsiao

P1888 - CRYOPRESERVATION EFFECTS ON WJCS PROTEOME

Fabrizio Di Giuseppe

P1889 - STATE OF BINDING SITES OF SERUM ALBUMIN PREGNANT WOMEN IN HEALTH AND DISEASE

Natallia Dmitrievna Lukouskaya

P1890 - POSITIONAL PROTEOMICS OF THE WING IMAGINAL DISC

Nikiana Simigdala

P1891 - PROTEOMIC PROFILING OF MOUSE LIVER CELL SYSTEM

Ying Jiang

POSTERS SUBMITTED FOR CLINICAL DAY

P1892 - SIMULTANEOUS DETECTION OF AUTOANTIBODIES AGAINST P53 AND A P53 PEPTIDE IN THE SERA OF WOMEN WITH OVARIAN CANCER

Steven Binder

POSTERS SUBMITTED FOR EUPA DAY

P1893 - PROTEOME ANALYSIS OF CANOLA SEEDLING ROOTS UNDER SALT STRESS

Ali Bandehagh

P1894 - DIFFERENTIAL PROTEOME ANALYSIS OF AN ALKALIPHILIC BACTERIUM, EXIGUOBACTERIUM SP. FOR STUDY OF CELLULAR RESPONSES TO ALKALINE CONDITIONS

Niha Mohan Kulshreshtha

OTHER POSTERS

P1895 - THE IMPACT OF INDIVIDUAL GENOME ON PROTEIN IDENTIFICATION WITH SHOTGUN MASS SPECTROMETRY DATA

Emøke Bendixen

P1896 - DISULFIDE MAPPING USING ACCURATE MASS ETD AND MSN TECHNIQUES

Iman Mohtashemi

Posters

P1897 - THE CHROMOSOME 19 CONSORTIUM- A GLOBAL RESEARCH INITIATIVE

Juan Pablo Albar

P1898 - PROTEORED MIAPE WEB TOOLKIT: SHARING PROTEOMICS EXPERIMENTS WITHIN THE COMING
PROTEOMEXCHANGE CONSORTIUM

Salvador Martinez-Bartolome