



## Poster Session Schedule

**Poster Session I**  
**Sunday, June 2, 2024**  
**7:30 AM- 9:00 AM**

Poster #	Title	Presenting Author
P-111	HEMORRHAGIC SHOCK- INDUCED OXIDATION OF VWF RESISTS ADAMTS13 MEDIATED CLEAVAGE OF VWF AFTER TRAUMA	Abdullah, Sarah
P-112	$\beta$ -GLUCAN PREVENTS SEPSIS-INDUCED KUPFFER CELL LOSS BY REDUCING SENESENCE AND PROMOTING PROLIFERATION	Adams, Joseph
P-113	CD300LD DOWNREGULATION IN NEUTROPHILS CAUSES IMPAIRED BACTERIAL PHAGOCYTOSIS IN SEPSIS	Akama, Yuichi
P-114	MECHANISMS OF POLOXAMER 188 UPTAKE AND REPARATIVE EFFECTS IN VIVO AND IN VITRO	Alatrash, Nagham
P-115	CORRELATION OF CLOT BURST PRESSURE IN LEVEL ONE TRAUMA PATIENTS TO CLINICAL DATA	Allen, Addison
P-116	THE PATH TO CURING SEPSIS: AN UPDATE ON DEVELOPING A CRITICAL ILLNESS DIGITAL TWIN	An, Gary
P-117	SINGLE-CELL TRANSCRIPTOMIC ASSESSMENT OF HUMAN IPSC DERIVED MICROVASCULAR ORGANOID MODEL OF SEPSIS.	Atreya, Mihir
P-118	DECODING SEPSIS IN ADAPTIVE IMMUNE CELLS: UNRAVELING DIVERGENT MOLECULAR SIGNATURES IN RAPID RECOVERY AND CHRONIC CRITICAL ILLNESS	Balzano-Nogueira, Leandro
P-119	ALTERATIONS IN BRAIN MICROGLIA/SYNAPSE INTERACTIONS IN AN ANIMAL MODEL OF CARDIAC ARREST WITH CARDIOPULMONARY RESUSCITATION	Basak, Jacob
P-120	VAGAL NERVE STIMULATION MODULATES POST-TBI COAGULABILITY IN A PORCINE MODEL	Becker, Ellen
P-121	EFFECTS OF TRAUMATIC BRAIN INJURY AND POST-TBI FLIGHT ON TRANSGENIC MICE EXPRESSING HUMAN GLYCOPHORIN A	Becker, Ellen
P-122	ENDOTYPING SEPTIC PATIENTS WITH A FUNCTIONAL IMMUNE ASSAY	Becker, Ellen
P-123	FUNCTIONAL AND QUANTITATIVE ASSESSMENT OF SYSTEMIC MYELOID CELLS IN TRAUMA PATIENTS ALLOWS EARLY PREDICTION OF CLINICAL OUTCOME	Bergmann, Christian
P-124	LONGITUDINAL SYNDECAN-1 CORRELATES WITH TRAUMA-INDUCED COAGULOPATHY IN THE EMERGENCY DEPARTMENT	Bonson, Grace
P-125	EXPLORING THE LIVER-BONE AXIS: IMPACT OF AGING AND ETHANOL INTOXICATION ON POST-TRAUMATIC LIVER INFLAMMATION AND DAMAGE FOLLOWING FEMUR FRACTURE	Bülow, Jasmin

P-126	C5AR1 DEFICIENCY IN OSTEOBLAST ATTENUATES IMPAIRED BONE FRACTURE HEALING IN LIPOPOLYSACCHARIDE TREATED MICE	Bülow, Jasmin
P-127	DEVELOPMENT AND VALIDATION OF A MACHINE LEARNING MODEL TO PREDICT SEPSIS IN CRITICALLY ILL CHILDREN	Chanci, Daniela
P-128	RELATIONSHIP BETWEEN THE HS3ST1 GENOTYPE AND OUTCOMES IN HEMORRHAGIC SHOCK	Cotton, Madeline
P-129	PLASMA EXOSOMAL CARGO AFTER MULTICOMPARTMENTAL TRAUMA MARKED BY MYODEGENERATIVE MIRNA	Drury, Stacey
P-130	SINGLE-CELL RNA SEQUENCING (SCRNA-SEQ) REVEALS DIFFERENCES IN INFLAMMATORY RESPONSES BETWEEN LPS- AND VILI-INDUCED LUNG INJURY	Feng, Anlin
P-131	THE NONCELLULAR PLATELET SIGNAL IN THE CIRCULATING ENVIRONMENT OF INJURY	Fields, Alexander
P-132	FECAL MICROBIOTA TRANSPLANT WITH DONOR STOOL FROM APOE2 TARGETED REPLACEMENT MICE RESTORES GUT MICROBIAL COMMUNITY STRUCTURE IN A MURINE MODEL OF TRAUMATIC BRAIN INJURY	Ford, Kacie
P-133	SOCIAL VULNERABILITY IS ASSOCIATED WITH INCREASED MORBIDITY IN OLDER INDIVIDUALS ADMITTED WITH TRAUMATIC INJURY	Garofalo, Denise
P-134	CHARACTERIZING THE RANDOMNESS OF V(D)J RECOMBINATION IN B CELL ANTIBODIES AND T CELL RECEPTORS IN CRITICAL ILLNESS	Harwell III, Anthony
P-135	POTENTIAL NEW EV AND MIRNA BLOOD-BASED BIOMARKER CANDIDATES FOR SPINAL CORD INJURY: A PILOT STUDY	Hoerauf, Jason-Alexander
P-136	A MULTIFUNCTIONAL IMMUNE-MODULATING TELODENDRIMER NANOTHERAPEUTICS FOR AMELIORATING POLYMYXIN B EFFICACY IN GRAM-NEGATIVE SEPSIS	Hossan, Md Shanewaz
P-137	EPIGALLOCATECHIN GALLATE(EGCG) INTAKE IMPROVES LIPID METABOLISM AND SURVIVAL IN MICE WITH ACUTE ENDOTOXIC SHOCK VIA PGC-1A ACTIVATION	Irahara, Takayuki
P-138	ORAL ADMINISTRATION OF WATER-SOLUBLE CURCUMIN COMPLEX PREVENTS ARDS WITH THE POTENTIAL FOR COVID-19	Jaakko, Parkkinen
P-139	HARNESSING EXTRACELLULAR CIRP WITH PS-OME MIR130: A PROMISING SHIELD AGAINST HEMORRHAGE-INDUCED LUNG INJURY	Jacob, Asha
P-140	LIPOPOLYSACCHARIDE-INDUCED INFLAMMATION ALTERS MURINE ADIPOCYTE SPHEROIDS AND IS AFFECTED BY OBESITY	Kaplan, Jennifer
P-141	SEPSIS INDUCES WHITE ADIPOSE TISSUE ANGIOGENESIS IN NON-OBESE BUT NOT OBESE MICE	Kaplan, Jennifer
P-142	BONE MORPHOGENETIC PROTEIN-7 SUPPRESSES LIPOPOLYSACCHARIDE-INDUCED INFLAMMATORY RESPONSE IN BV2 MICROGLIAL CELLS	Kitagawa, Yoshinori
P-143	EXTRACELLULAR CIRP DYSREGULATES MICROGLIAL EFFEROCYTOSIS IN STROKE VIA THE TLR4/MIR-155/MAFB AXIS	Lapin, Dmitriy
P-144	UNRAVELING MECHANISMS OF SEPSIS-ASSOCIATED MYOCARDIAL DYSFUNCTION USING INDUCED PLURIPOTENT STEM CELL-DERIVED CARDIOMYOCYTES AND SEPTIC SERUM	Lautz, Andrew
P-145	INHIBITORY FC RECEPTOR FCYRIIB IS UPREGULATED ON CD4+ AND CD8+ T CELLS DURING SEPSIS	Lee, Timothy
P-146	AN INNOVATIVE BIOACTIVE TELODENDRIMER NANODRUG TO INHIBIT INFLAMMATION IN SEPSIS	Luo, Juntao
P-147	CIRCULATING SYNDECAN-1 LEVELS ARE ASSOCIATED WITH CHRONOLOGICAL COAGULOFIBRINOLYTIC RESPONSES AFTER TRAUMA	Matsumoto, Hironori

P-148	NOVEL TELODENDRIMER NANOPARTICLES: A PROMISING STRATEGY FOR MITIGATING HYPERINFLAMMATION AND PYROPTOSIS TO IMPROVE OUTCOMES IN GRAM NEGATIVE SEPSIS	Messina, Jennifer
P-149	POOLED HUMAN FREEZE DRIED PLASMAS ARE FUNCTIONALLY COMPATIBLE WITH CYNOMOLGUS MACAQUE WHOLE BLOOD	Morgan, Clifford
P-150	TRANSCRIPTOMIC PROFILING OF IMMUNE CELLS IN MURINE POLYMICROBIAL SEPSIS	Murao, Atsushi
P-151	NEUTROPHILS INTERACTING WITH INTRAEPITHELIAL LYMPHOCYTES ACTIVATE KUPFFER CELLS TO FACILITATE GUT-LIVER CROSSTALK IN SEPSIS	Murao, Atsushi
P-152	DOES DEEP LEARNING IMPROVE CLASSIFICATION OF HIGH-RISK VTE TRAUMA PATIENTS? A SINGLE INSTITUTIONAL STUDY	Navarro, Sergio
P-153	CITRULLINATED HISTONE H3 ACTIVITY WITHIN 12 HOURS OF INJURY IS A PREDICTOR OF VTE IN TRAUMA PATIENTS	Navarro, Sergio
P-154	ESTABLISHMENT OF SEVERE AMNIOTIC FLUID EMBOLISM MODEL	Otsuka, Yuka
P-155	MYELOID SCAVENGER RECEPTOR A EXPRESSION IS INCREASED BY POLYMICROBIAL SEPSIS IN MICE BUT IS NOT ALTERED IN SEPSIS PATIENTS	Ozment, Tammy
P-156	PRECISION MEDICINE IN SEPTIC SHOCK WITH ENIBARCIMAB – BIOMARKER CUT-OFFS FOR A CONFIRMATORY TRIAL	Pickkers, Peter
P-157	OVERCOMING LIMITATIONS OF FLUORESCENT INTENSITY AND BACKGROUND ANALYSIS OF CONFOCAL MICROSCOPY IMAGES BY DIFFERENTIAL STANDARD DEVIATION ANALYSIS	Piffard, Sophia
P-158	THERAPEUTIC POTENTIAL OF PROCATHEPSIN L (P-CTS-L)-INHIBITING AND PROGESTERONE-ENTRAPPING DIMETHYL-BETA-CYCLODETRINANANOPARTICLES IN TREATING LETHAL SEPSIS.	qiang, Lynn
P-159	IMPACT OF BACTERIAL INFECTION IN A MURINE MODEL OF CONCOMITANT MAJOR BURN AND MILD TRAUMATIC BRAIN INJURY	Rais, Farhana
P-160	ACUTE ETHANOL INTOXICATION MITIGATES THE HARMFUL EFFECTS OF THFX ON THE LIVER AND MODULATES THE WNT/B-CATENIN SIGNALING	Rinderknecht, Helen
P-161	GDF-15, HFABP AND MIRNA AS NOVEL SYSTEMIC AND EXOSOMAL BIOMARKERS TO PREDICT CARDIAC DAMAGE IN POLYTRAUMATIZED PATIENTS	Ritter, Aileen
P-162	MILD, REPETITIVE BLAST TRAUMATIC BRAIN INJURY CAUSES BEHAVIORAL SPATIAL ACCURACY DEFICITS IN MICE	Sackheim, Adrian
P-163	REFINEMENT PROTOCOL OF A SEVERELY STRESSFUL ANIMAL TRIAL IN TRAUMA RESEARCH – MURINE 2-HIT BURN/CLP	Schwenk, Christina
P-164	ALTERATION OF FUNCTIONAL OUTCOMES WITH INFILTRATION OF MONOCYTES AND MONOCYTE-DERIVED MACROPHAGES AFTER TRAUMA BRAIN INJURY	Shang, Zhenhua
P-165	SURVIVAL IS IMPROVED IN CLAUDIN-4 KNOCKOUT MICE WITH CHRONIC ETHANOL CONSUMPTION PRIOR TO SEPSIS	Shimazui, Takashi
P-166	IDENTIFYING NOVEL GENES AND SPLICING EVENTS IN SEPSIS USING RNA SEQUENCING DATA	Shin, Jaewook
P-167	N-ACETYLCYSTEINE IMPROVES EARLY RENAL MICROVASCULAR BLOOD FLOW IN A RAT MODEL OF POLYTRAUMA	St. John, Alexander
P-168	ADMINISTRATION OF DISULFIRAM ATTENUATES CIRCULATING METABOLITE RELEASE AND MORTALITY AFTER HEMORRHAGIC SHOCK WITH TRAUMA	Sun, Xuejing
P-169	ENOLASE-1 INHIBITION PROTECTS AGAINST SEPSIS BY ATTENUATING PYROPTOSIS	Tan, Chuyi

P-170	IL17F IMPROVES BACTERIAL CLEARANCE WHILE WORSENING HEPATIC DYSFUNCTION THROUGH AUGMENTATION OF MODC/CD8 T CELL INTERACTIONS IN IMMUNE EDUCATED ANIMALS AFTER CECAL LIGATION AND PUNCTURE	Taylor, Matthew
P-171	ESTABLISHMENT OF A RAT MODEL FOR VV-ECMO IN POST-TRAUMATIC BRAIN INJURY	Ushio, Noritaka
P-172	IMMUNO-METABOLIC CHAOS IN SEPTIC SHOCK	Vachharajani, Vidula
P-173	MICROGLIAL DEPLETION REDUCED CD8+ T-CELL INFILTRATION INTO THE INJURED BRAIN IN AGED MICE AFTER TRAUMATIC BRAIN INJURY	Villanueva, Veronica
P-174	BETTER THAN A POKE IN THE EYE WITH A SHARP STICK...OR IS IT? THE SUBMANDIBULAR VEIN BLEED TECHNIQUE ELEVATES SERUM CREATINE KINASE (CK) IN MICE, OBSCURING THE MEASUREMENT OF MUSCLE DAMAGE IN SEPSIS.	Walker, Wendy
P-175	NOVEL ROLE OF LSECS IN HEPATIC IMMUNE FUNCTION DURING SEPSIS	Wang, Xiaohui
P-176	LINC RNA-EPS PROMOTES PROLIFERATION OF AGED DERMAL FIBROBLAST BY INDUCING CCND1	Xu, Junwang
P-177	MITOCHONDRIAL METABOLIC REGULATOR PDK4 MEDIATES SEX-SPECIFIC CARDIAC RESPONSES TO ENDOTOXEMIA	Yap, John
P-178	SURGICAL INJURY AND INTRAABDOMINAL POLYMICROBIAL SEPSIS SUPPRESS INTERFERON RESPONSES IN MOUSE BONE MARROW MYELOID CELLS	Zhang, Haotong

**Poster Session II**  
**Monday, June 3, 2024**  
**7:30 AM- 9:00 AM**

Poster #	Title	Presenting Author
P-211	PROFILING BONE MARROW MESENCHYMAL STEM CELL SECRETOME FROM TRAUMA PATIENTS: A PILOT STUDY	Dennis, Jenna
P-212	HORMONAL MODULATION OF PURINERGIC RECEPTOR BLOCKADE DURING SEPSIS: THE IMPACT OF ESTROGEN DEPLETION	Amofo, Emmanuel
P-213	BLOCKING P2Y1 PREVENTS SPLEEN DAMAGE AND DECREASES THE CYTOKINE STORM IN THE PERITONEAL CAVITY IN SEPTIC FEMALE MICE	Amofo, Emmanuel
P-214	V-DOMAIN IMMUNOGLOBULIN SUPPRESSOR OF T CELL ACTIVATION (VISTA) REGULATES PERITONEAL NEUTROPHIL ABUNDANCE IN MURINE SEPSIS.	Ayala, Alfred
P-215	TARGETING MITOCHONDRIA ASSOCIATED ER MEMBRANE (MAM) PROTEIN IRE1A PROTECTS AGAINST ENDOTHELIAL CELL INFLAMMATION VIA INHIBITION OF THE NF-KB SIGNALING PATHWAY	Bal, Jashandeep
P-216	METFORMIN ADMINISTRATION IMPROVES ADVERSE OUTCOMES IN OLDER BURN PATIENTS	Barayan, Dalia
P-217	GM2A DEFICIENCY IMPROVES SEPSIS SURVIVAL AND IMMUNE COMPETENCE IN THE CONTEXT OF PD-1 BLOCKADE	Davis, Carolyn

P-218	METABOLIC REPROGRAMMING AND DYSREGULATED IL-17 PRODUCTION IMPAIRS CD4 T CELL FUNCTION POST SEPSIS	de Assis, Patricia
P-219	PROBIOTIC BACTERIA-RELEASED EXTRACELLULAR VESICLES ENHANCE MACROPHAGE PHAGOCYTOSIS IN POLYMICROBIAL SEPSIS VIA ACTIVATING THE FPR1/2 PATHWAY	Fan, Guo-Chang
P-220	LIPOCALIN 10 REGULATES SEPSIS-INDUCED MULTIPLE ORGAN INJURY THROUGH AFFECTING MACROPHAGE-MEDIATED CLEARANCE OF BACTERIA	Fan, Guo-Chang
P-221	TARGETING PKG NITRATION IS AN EFFECTIVE STRATEGY TO MITIGATE LIPOPOLYSACCHARIDE-INDUCED ACUTE LUNG INJURY	Fu, Panfeng
P-222	EXPRESSION AND REGULATION OF HYBID (HYALURONAN-BINDING PROTEIN INVOLVED IN HYALURONAN DEPOLYMERIZATION) FOR ESOPHAGEAL SQUAMOUS CELL CARCINOMA.	Fujishima, Seiichiro
P-223	SOX18 EXPRESSION DETERMINES SUSCEPTIBILITY TO SEPSIS INDUCED ACUTE LUNG INJURY	Garcia Flores, Alejandro
P-224	IL-7 MODULATES CENTRAL AND EFFECTOR MEMORY T CELL FUNCTION IN SEPSIS	Griffith, Thomas
P-225	CHRONIC ETHANOL EXPOSURE QUALITATIVELY ALTERS REGULATORY T CELL SUBSETS IN SEPTIC MICE	Gutierrez, Melissa
P-226	IMMUNE EDUCATION ALTERS CD4 MEMORY T CELL TRANSCRIPTOMIC SIGNATURES IN CECAL LIGATION AND PUNCTURE MODEL MICE	Ham, Steven
P-227	TOLL-LIKE RECEPTOR 4-INDUCED TRAINED IMMUNITY IN THE LUNG IS DEPENDENT ON IMMUNE-RESPONSIVE GENE-1 AND ITACONATE PRODUCTION TO ENHANCE SURVIVAL FROM KLEBSIELLA PNEUMONIAE-INDUCED PNEUMONIA	Hernandez, Antonio
P-228	IDENTIFICATION OF IMMUNE CELLS BY GRANULOCYTE AND MONOCYTE ADSORPTIVE APHERESIS FOR SEPSIS PATIENTS: AN EX VIVO STUDY.	Hisamune, Ryo
P-229	CXCL-1 REGULATES HOST DEFENSE AGAINST LEGIONELLA PNEUMOPHILA THROUGH MODULATING NEUTROPHIL HOMEOSTASIS	Hoang, Ky
P-230	A HIGH THROUGHPUT SCREEN IN A ZEBRAFISH MODEL OF ENDOTOXEMIA REVEALS MULTIPLE NOVEL SMALL MOLECULE MEDIATORS OF LIPOPOLYSACCHARIDE TOXICITY	Jacob, Vinitha
P-231	SURFACTANT PROTEIN C REGULATES ALVEOLAR TYPE 2 CELL LINEAGE	Jain, Krishan
P-232	A NOVEL NEUTROPHIL SUBSET APAN PROMOTES LUNG ENDOTHELIAL CELL PANOPTOSIS IN SEPSIS	Jin, Hui
P-233	MACROPHAGE EFFEROCYTOSIS OF NEUTROPHILS AND ITS EFFECTS ON ENDOTHELIAL BARRIER FUNCTION	Kemp, Scott
P-234	BURNS INDUCE ALTERATIONS IN THE ACYL PROTEOME	Khalaf, Fadi
P-235	RESTORING THE BROWNING RESPONSE IN ELDERLY BURN MICE	Khalaf, Fadi

P-236	THE IMPACT OF BURN INJURY ON PERIPHERAL BLOOD MONONUCLEAR CELL BIOENERGETICS	Kingren, Meagan
P-237	ROLE OF AIM2 INFLAMMASOME IN PULMONARY HOST DEFENSE AGAINST METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS-INDUCED PNEUMONIA	Kulatheepan, Yathushigan
P-238	SPHINGOSINE-1-PHOSPHATE RECEPTOR 3 INDUCES ENDOTHELIAL MITOCHONDRIAL DYSFUNCTION IN LUNG INJURY CAUSED BY SPINAL CORD INJURY	Liang, Ying
P-239	EPITHELIAL SODIUM CHANNEL IS A NOVEL REPRESSOR OF OXIDATIVE STRESS IN LUNG CAPILLARIES IN PNEUMOCOCCAL PNEUMONIA	Lucas, Rudolf
P-240	STORING PEDIATRIC BLOOD SAMPLES REDUCES ACCURACY OF FUNCTIONAL IMMUNE ENDOTYPING	McAnulty, Tatiana
P-241	TLR4 AGONISTS AUGMENT ANTIMICROBIAL IMMUNITY VIA ACTIVATION OF IRG1	McBride, Margaret
P-242	DYNAMIC METABOLIC CHANGES OBSERVED IN A SEPSIS RAT MODEL USING CONTINUOUS LONG-TERM INDIRECT CALORIMETRY	Murata, Satoru
P-243	UNVEILING NOVEL MITOCHONDRIAL CPG-DNA SEQUENCES FOR TRAUMA IMMUNOTHERAPY	Murzin, Ekaterina
P-244	INTRACELLULAR POLOXAMER 188 REDUCES KERATINOCYTE INJURY FOLLOWING CHEMICAL DAMAGE	Mutore, Kevin
P-245	MIRO1 MAINTAINS MITOCHONDRIAL DYNAMICS & VEGFR2 SIGNALING IN ENDOTHELIAL CELLS	Najar, Rauf
P-246	RESOLVIN D2 REGULATES MONOCYTES ANISOCYTOSIS IN BURN PATIENTS.	Nazemidashtarjandi, Saeed
P-247	OREXINERGIC STIMULATION AMELIORATES ORGAN DYSFUNCTION/INJURY INDUCED BY CECAL LIGATION AND PUNCTURE (CLP)	Nedeljkovic-Kurepa, Ana
P-248	MOP3-MEDIATED ECIRP SCAVENGING ALLEVIATES LUNG INJURY IN NECROTIZING ENTEROCOLITIS	Nofi, Colleen
P-249	CIRCULATING EXTRACELLULAR VESICLES FROM SEPTIC MICE INDUCE BRAIN INFLAMMATION VIA MIRNA CARGO	Park, Chanhee
P-250	PROTEOMICS ANALYSIS OF PLASMA EXTRACELLULAR VESICLES FOR SEPSIS BIOMARKER DISCOVERY	Park, Chanhee
P-251	THROMBOELASTOGRAPHY IDENTIFIES PERSISTENT HYPERCOAGUABILITY AFTER BURN INJURY	Pinto, Desiree
P-252	EXTENT OF BURN INJURY AND ASSOCIATIONS WITH EARLY MYELOID AND LYMPHOID ACTIVATION IN PEDIATRIC BURN PATIENTS	Polcz, Valerie
P-253	WHOLE-BLOOD STIMULATION WITH LPS, BCG AND EFFECTS OF AGE ON INFLAMMATORY CYTOKINE PRODUCTION IN NEONATES	Polcz, Valerie
P-254	ROLE OF METHYLATION CONTROLLED J PROTEIN IN MITOCHONDRIAL DYSFUNCTION AND AUTOPHAGY IN BURN-INDUCED HEPATOCYTE INJURY	Qualman, Andrea

P-255	MITIGATING AGE-RELATED APOPTOTIC RESPONSES IN BURN-INDUCED LIVER INJURY IN MICE.	Qualman, Andrea
P-256	ROLE OF ADAM17/IRHOM2 IN EFFEROCYTOSIS AND CHRONIC WOUND HEALING	Rana, Minakshi
P-257	SARS-COV-2 INFECTION IS ASSOCIATED WITH INCREASED SCHIZOPHRENIA SPECTRUM AND PSYCHOTIC DISORDER	Russell, Michael
P-258	INVESTIGATION OF NUTRITIONAL THERAPY TO IMPROVE SEPSIS-INDUCED SKELETAL MUSCLE WEAKNESS	Saida, Mari
P-259	LOSS OF MTOR IN TYPE I EPITHELIUM MITIGATES LPS-INDUCED LUNG INJURY	Shadab, Mohammad
P-260	ROLE OF P70S6K IN MTORC1 REGULATION OF ENDOTHELIAL PERMEABILITY	Tahir, Imran
P-261	SEX-RELATED VARIATIONS IN POST-BURN PATHOPHYSIOLOGY IN ADULTS AND OLDER ADULTS	Tedesco, Diana
P-262	EXPLORING SEX DIFFERENCES IN MORTALITY AND COMPLICATIONS POST-BURN AMONG AGE GROUPS	Tedesco, Diana
P-263	WHOLE-BRAIN MAPPING OF CYTOKINE-INDUCED NEURONAL ACTIVATION	Torres, Alejandro
P-264	2-METHYLTHIAZOLINE ACTIVATION OF TRANSIENT RECEPTOR POTENTIAL ANKYRIN 1 ELICITS AN ANTI-INFLAMMATORY EFFECT.	Tynan, Aisling
P-265	CXCL1 NEUTRALIZATION DOES NOT REDUCE SEVERITY OF EARLY SEPSIS-AKI IN LPS MURINE MODEL	Vollmer, Giacynta
P-266	INNATE IMMUNE RESPONSES IN SEPSIS SECONDARY TO TRAUMATIC BRAIN INJURY	Wada, Takeshi
P-267	SEX-RELATED MITOCHONDRIAL RESPONSE IN LPS-INDUCED CARDIAC DYSFUNCTION	Wang, Meijing
P-268	TLR7 SIGNALING CONTRIBUTES TO PLATELET DYSFUNCTION AND THROMBOCYTOPENIA IN MURINE BACTERIAL SEPSIS	Williams, Brittny
P-269	BURNING INSIGHTS: DECIPHERING THE ROLE OF TGF $\beta$ IN THE POST-BURN HYPERMETABOLIC RESPONSE	Wojtowicz-Piotrowski, Stephanie
P-270	DEFINING OUTCOMES FOR EARLY VERSUS DELAYED LAPAROSCOPIC CHOLECYSTECTOMY FOR GALLBLADDER PERFORATION IN PATIENTS PRESENTING WITH SEPSIS	Wu, Renqing
P-271	PROTEOMIC IDENTIFICATION OF REGENERATIVE NICHES AND DRUGGABLE TARGETS FOR ARDS LUNGS	Xi, Nan
P-272	MIR-146A DECREASES INFLAMMATION AND ROS PRODUCTION IN AGED DERMAL FIBROBLAST	Xu, Junwang
P-273	RIPK3 DISRUPTS GUT EPITHELIAL HOMEOSTASIS DURING SEPSIS	Yang, Chloe
P-274	LIPOPOLYSACCHARIDE-INDUCED MITOPHAGY DYSREGULATION AND DISRUPTED SUPPLY-DEMAND DYNAMICS IN MICROTUBULE SYNTHESIS: UNVEILING THE RED QUEEN'S RACE	Yasuhara, Shingo
P-275	MYELOID P38MAPK-MK2 STRESS SIGNALING REGULATES ACUTE INFLAMMATION RESOLUTION IN MURINE COLITIS AND PERITONITIS MODELS	Yu, Xueyang

P-276	CARDIOMYOCYTE PYRUVATE DEHYDROGENASE KINASES 4 (PDK4) DETERMINES SEX-SPECIFIC CARDIAC AND SYSTEMIC RESPONSES TO ACUTE INFLAMMATION	Zang, Qun
P-277	EXTRACELLULAR CIRP RENDERS CIRCADIAN MACROPHAGE IMMUNE TOLERANCE IN SEPSIS	Zhou, Mian

**Poster Session III**  
**Tuesday, June 4, 2024**  
**7:30 AM- 9:00 AM**

Poster #	Title	Presenting Author
P-311	THE RELATIONSHIP BETWEEN ACETAMINOPHEN EXPOSURE AND 28-DAY MORTALITY IN CRITICAL PATIENTS WITH PRIMARY LUNG CANCER: A RETROSPECTIVE COHORT STUDY	He, Xue
P-312	OUTCOMES AND IMPLICATIONS OF EARLY CARDIAC ARREST IN INTUBATED ELDERLY WITH SHOCK: A RETROSPECTIVE NATIONWIDE STUDY	RAHHAL, ROMY
P-313	DEPOT-DEPENDENT EFFECTS OF PROPRANOLOL ON THE ADVERSE ADIPOSE TISSUE CHANGES AFTER A BURN INJURY.	Abdullahi, Abdikarim
P-314	STREPTOCOCCUS PNEUMONIAE- INDUCED SEPSIS IN MICE RESULTS IN DIFFERENTIAL PULMONARY AND SPLENIC IMMUNE RESPONSES	Abraham, Mabel
P-315	OREXINERGIC STIMULATION ATTENUATES THE EFFECTS OF CECAL LIGATION AND PUNCTURE (CLP) ON T-CELL RESPONSES	Abraham, Mabel
P-316	SEX-INDEPENDENT EFFECTS OF ABCC8 (SULFONYLUREA RECEPTOR-1) KNOCKOUT IN A MURINE SEPSIS MODEL	Aneja, Rajesh
P-317	PREVENTING DVT IN HUMANS WITH RAPID CYCLIC COMPRESSION	Bandla, Savanthi
P-318	PHARMACOLOGICAL TARGETING NOX4 ATTENUATES MUSCLE DYSFUNCTION IN SEPTIC MICE.	Boeno, Francesco
P-319	TLR EXPRESSION AND ACTIVATION AFTER BURN INJURY AND INFECTION	Boykin, Olivia
P-320	YAP DEFICIENCY IN MACROPHAGES IMPAIRS BACTERIAL PHAGOCYTOSIS AND CLEARANCE BY PROMOTING NLRP3 LACTYLATION AND UBIQUITINATION IN SEPSIS	Chen, Linjian
P-321	TEMPORAL PHENOTYPING OF NEUTROPHILS IN POST-CARDIAC ARREST SYNDROME AND EXTRACORPOREAL MEMBRANE OXYGENATION-ASSISTED RESUSCITATION	Chiba, Yuki
P-322	HISTONE-INDUCED CALCIUM EVENTS AND PLASMA MEMBRANE ACTIVATION DO NOT REQUIRE STORE-OPERATED CALCIUM ENTRY	Cleary, Jade
P-323	SHORT CHAIN FATTY ACID ALTERS IMMUNE TRAFFICKING AND ATTENUATES LONG-TERM NEUROINFLAMMATION IN TRAUMATIC BRAIN INJURY	Davis, Booker
P-324	BURN INJURY BOOSTS NEUTROPHIL PRODUCTION AND ANTIMICROBIAL RESPONSE, IMPAIRS BONE MARROW MOBILIZATION	Davis, Xenia
P-325	THE OVERLOOKED POWER OF DIASTOLIC BLOOD PRESSURE IN HEMORRHAGIC SHOCK	dos Santos, Fernando



P-326	REAL-WORLD DATA FROM PATIENTS WITH SEPSIS-INDUCED DISSEMINATED INTRAVASCULAR COAGULATION: AN ANALYSIS OF ANTITHROMBIN SUPPLEMENTATION POST-MARKETING SURVEILLANCE DATA	EGUCHI, YUTAKA
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