

## Poster Session Schedule

### POSTER SESSION I

SUNDAY, JUNE 18, 2023

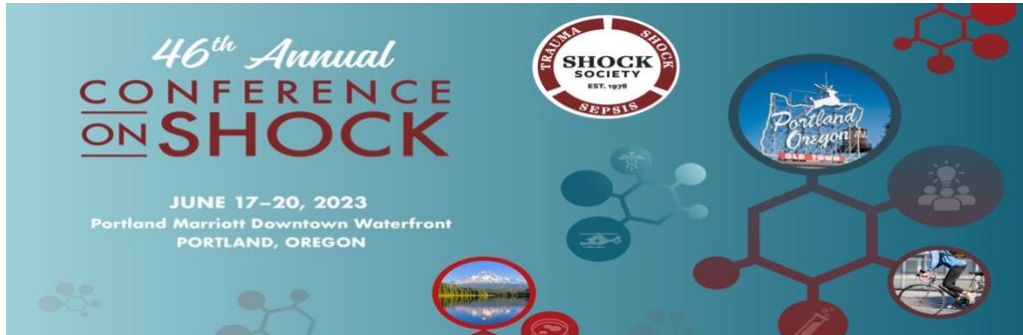
7:30 AM - 9:00 AM

Poster #	Title	Presenting Author
P-101	VAGUS NERVE STIMULATION ACTIVATES PLATELETS IN THE SPLEEN VIA $\alpha 7$ NICOTINIC ACETYLCHOLINE RECEPTORS AND INCREASES THROMBIN GENERATION TO REDUCE TRAUMATIC BLEEDING IN A MURINE MODEL OF COAGULOPATHY	Thompson, Dane
P-102	THE INFLUENCE OF BODY MASS INDEX ON CD69 EXPRESSION OF CD4+ REGULATORY T-CELLS IN GERIATRIC PATIENTS FOLLOWING FEMORAL FRACTURE	Anand, Pascal
P-103	ENDOTHELIAL CELL CASPASE-11 REGULATES IL-6-MEDIATED INFLAMMATION AND ORGAN DAMAGE IN MICE FOLLOWING SEVERE INJURY	Mulla, Joud
P-104	HIGH INTENSITY FOCUSED ULTRASOUND OF SPLEEN REQUIRES CHAT+ T LYMPHOCYTES AND $\alpha 7$ NICOTINIC ACETYLCHOLINE RECEPTOR TO REDUCE TRAUMATIC HEMORRHAGE	Bravo-Iñiguez, Carlos
P-105	INFECTION INDUCES ERYTHROBLASTIC ISLAND DYSFUNCTION IN MULTICOMPARTMENTAL TRAUMA	Gillies, Gwendolyn
P-106	LIPID NANOPARTICLE MRNA DELIVERY OF CELL-SIGNALING SELECTIVE ACTIVATED PROTEIN C: DEVELOPING A "NEXT-GEN" THERAPEUTIC FOR ENDOTHELIAL PROTECTION IN TRAUMA	Lescieur Garcia, Carlos
P-107	A NOVEL RAT MODEL OF MICROVASCULAR BLOOD FLOW DERANGEMENT AFTER POLYTRAUMA	St. John, Alexander
P-108	INCREASED RISK OF POOR OUTCOMES FOR BLUNT ABDOMINAL TRAUMA PATIENTS WITH TRAUMATIC BRAIN INJURY: A NATIONWIDE RETROSPECTIVE STUDY	Song, Wenye
P-109	ADAPTIVE CLOSED LOOP HEMORRHAGIC SHOCK CONTROLLERS FOR COMBAT CASUALTY CARE	Berard, David
P-110	BLOCKING ENDOTHELIAL-ANTITHROMBIN INTERACTIONS ATTENUATES THE ORGAN PROTECTIVE EFFECTS OF PLASMA AFTER TRAUMA AND HEMORRHAGIC SHOCK	Huby-Vidaurre, Maria del Pilar
P-111	ACUTE PLASMA LEVELS OF SYNDECAN-1 PREDICTS CHANGES IN COAGULOPATHY ASSOCIATED WITH THROMBOMODULIN SHEDDING, WHILE PLASMA LEVELS OF THROMBOMODULIN PREDICTS CHANGES IN ENDOTHELIOPATHY ASSOCIATED WITH SYNDECAN-1 SHEDDING FOLLOWING LETHAL HEMORRHAGE	Chance, Tiffani
P-112	RESUSCITATION WITH ETHYNYLESTRADIOL-3-SULFATE ON OXYGEN METABOLISM IN PIGS FOLLOWING TRAUMATIC HEMORRHAGE	Martini, Wenjun

P-113	HEMOLYSATE MIXED WITH CRYSTALLOID RESUSCITATION REDUCES FLUID REQUIREMENTS BUT MAY INCREASE ACUTE DECOMPENSATION AFTER SEVERE HEMORRHAGE UNLESS COMBINED WITH COLLOID	Penn, Alexander
P-114	CARNOSINE IS ASSOCIATED WITH HYPERFIBRINOLYSIS IN TRAUMATIC BRAIN INJURY	Thielen, Otto
P-115	SEX DIFFERENTIAL OUTCOMES FROM TRAUMATIC BRAIN INJURY; COMPARISON OF REPEATED WEIGHT DROP WITH LATERAL FLUID PERCUSSION.	Molina, Patricia
P-116	PREDICTING TRAUMA ICU BOUNCEBACKS USING MACHINE LEARNING	Feuerwerker, Solomon
P-117	BLOOD-BASED RISK ASSESSMENT FOR INFECTIOUS OUTCOMES IN POLYTRAUMA VIA MACHINE LEARNING	Bergmann, Christian
P-118	EARLY DETECTION OF ACUTE RESPIRATORY DISTRESS SYNDROME USING CONVOLUTIONAL NEURAL NETWORKS	Arora, Mehak
P-119	MICROGLIA-DEPENDENT SEX-EFFECT ON ACUTE TBI OUTCOMES	Islam, Mecca
P-120	PROFILING CIRCULATING HEMATOPOETIC STEM AND PROGENITOR CELLS IN PATIENTS FOLLOWING BURN INJURY	Galicia, Kevin
P-121	SUBCUTANEOUS WHITE ADIPOSE TISSUE INDEPENDENTLY REGULATES BURN-INDUCED HYPERMETABOLISM VIA NICOTINIC ACETYLCHOLINE RECEPTOR SIGNALING	Knuth, Carly
P-122	IDENTIFICATION OF BRAIN NEUROINFLAMMATORY AND METABOLIC ALTERATIONS IN MURINE ACUTE LIVER INJURY USING A DUAL TRACER MICROPET IMAGING	Palandira, Santhoshi Poonacha
P-123	CHANGES IN COAGULATION PROTEOME COMPOSITION IN PATIENTS EXPERIENCING BURN SHOCK WHILE UNDERGOING PLASMA INCLUSIVE RESUSCITATION (PIR)	Bravo, Maria Cristina
P-124	LEVELS OF PLASMA ESTRADIOL OBSERVED AFTER BURN INJURY INDUCE EXTRACELULAR VESICLES WITH ALTERED IMMUNOREGULATORY FUNCTION	Willis, Micah
P-125	TRANSCRIPTOME ANALYSIS OF CELLS FROM HUMAN BALF AFTER BURN OR COMBINED BURN INHALATION INJURY REVEALED SIGNIFICANT DIFFERENCES IN IMMUNOMETABOLIC PROGRAMMING WHEN COMPARED TO THE TRANSCRIPTOME OF PBMC	Mahung, Cressida
P-126	PATIENTS WITH VENO-VENOUS EXTRACORPOREAL LIFE SUPPORT EXPERIENCE SIGNIFICANT WEIGHT LOSS DURING THEIR HOSPITAL STAY	Sousse, Linda
P-127	REMODELING OF INJURED ALVEOLAR EPITHELIUM IS REGULATED BY THE FIBRINOLYSIS SYSTEM	Ji, Hong-Long
P-128	SPHINGOSINE-1-PHOSPHATE RECEPTOR 3 OVEREXPRESSION DYSREGULATES MITOCHONDRIAL METABOLISM THROUGH S1PR3-HIF2 $\alpha$ -PPAR $\gamma$ PATHWAY	Liang, Ying
P-129	MIRO2: A KEY PLAYER IN ENDOTHELIAL PERMEABILITY AND INFLAMMATION	Najar, Rauf
P-130	COMPLEMENT ACTIVATION IN PATIENTS WITH COVID-19.	Sueyoshi, Koichiro
P-131	PLASMA EXTRACELLULAR VESICLES POSSESS UNIQUE IMMUNOMODULATORY PROTEIN CARGO AT DIFFERENT CLINICAL PHASES OF BURN-INDUCED IMMUNE DYSFUNCTION	Willis, Micah
P-132	INCREASE IN COMPLICATION RATES WITH ELEVATED GITR EXPRESSION LEVELS OF CD4+ TREGS AFTER PROXIMAL FEMORAL FRACTURES IN GERIATRIC PATIENTS	Roemmermann, Gregor

P-133	IRG1 AND ITACONATE ENHANCE MICROBIAL KILLING IN INNATE IMMUNE MEMORY VIA THE PHAGOLYSOSOME	McBride, Margaret
P-134	MYELOID PTEN INHIBITS INNATE HOST DEFENSE DURING METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS-INDUCED SEPSIS	Faneuff, Eden
P-135	THE ANTI-INFLAMMATORY PROPERTIES OF CANNABINOL ARE MEDIATED VIA NEURONAL CB1	Lloyd, Elliot
P-136	A NON-CANONICAL FUNCTION OF STING1 REGULATING AHR ACTIVATION IN THE NUCLEUS	Tang, Daolin
P-137	NEUTROPHIL DECTIN-3 EXPRESSION CORRELATES WITH UPTAKE OF E. COLI	Ozment, Tammy
P-138	SYNTHETIC TOLL-LIKE RECEPTOR 4 AGONIST-INDUCED TRAINED IMMUNITY REDUCES INJURY AND PRESERVES KIDNEY FUNCTION DURING BILATERAL ISCHEMIA REPERFUSION	Hernandez, Antonio
P-139	LIPOPOLYSACCHARIDE-MEDIATED INFLAMMATION LEADS TO T CELL ACTIVATION VIA IMMUNE SYNAPSE FORMATION	Geier, Omar
P-140	NEUTROPHIL-DERIVED ELASTASE TARGETS SIGLEC-G TO PROMOTE PERITONEAL B-1A CELL MIGRATION IN SEPSIS	Tan, Chuyi
P-141	OPTIMAL INTERVAL BETWEEN STENT PLACEMENT AND SURGERY IN EMERGENCY OBSTRUCTIVE COLORECTAL CANCER ASSESSED BY LIQUID BIOPSY	Matsuda, Akihisa
P-142	THE IMPACT OF LIVE STREAMED THERAPEUTIC MUSIC ON ELECTROENCEPHALOGRAM APPROXIMATE ENTROPY IN HOSPITALIZED PATIENTS	Ozment, Zoe
P-143	DEVELOPMENT OF A TRANSLATABLE PORCINE MODEL OF HEMORRHAGIC SHOCK AND TRAUMA ASSOCIATED SEPSIS FOR IMPROVEMENT OF MORTALITY	Romero, Melissa
P-144	ACTIVATE PROTEIN C RESCUES SEPSIS-RELATED CARDIORENAL SYNDROME IN AGING	Li, Ji
P-145	PRE-CANNULATION SYNDECAN-1 LEVELS PREDICT MORTALITY IN PATIENTS RECEIVING EXTRA CORPOREAL MEMBRANE OXYGENATION	Ziedins, Eriks
P-146	LIPOCALIN 10 DEFICIENCY AGGRAVATES INFLAMMATION-TRIGGERED MULTIPLE ORGAN INJURY AND ANIMAL MORTALITY THROUGH THE INCREASED VASCULAR LEAKAGE	Fan, Guo-Chang
P-147	PERIVASCULAR TAU DISRUPTS THE ENDOTHELIAL-DEPENDENT VASODILATION IN THE BRAIN MICROCIRCULATION	Sackheim, Adrian
P-148	REGULATORS OF ENDOTHELIAL INFLAMMATION IDENTIFIED BY FUNCTIONAL GENOMICS	Vix, Jesse
P-149	ENDOTHELIAL CELL SENESENCE PROMOTES NEUTROPHIL ADHESION/MIGRATION AND IMPAIRS BARRIER FUNCTION	Najari Beidokhti, Maliheh
P-150	EFFECTS OF VASOPRESSORS ON PRIMARY HUMAN UMBILICAL VEIN ENDOTHELIAL CELL BARRIER FUNCTION	McGee, Michelle
P-151	LIPOPOLYSACCHARIDE-EVOKED RESPONSES IN THE SENSORY VAGUS NERVE	Huerta, Tomas
P-152	A NOVEL ROLE OF B-1A CELLS TO ATTENUATE NETOSIS AND MORTALITY IN SEPSIS	Murata, Kensuke
P-153	SEPSIS INDUCES PHYSICAL AND MENTAL IMPAIRMENTS IN A MOUSE MODEL OF POST-INTENSIVE CARE SYNDROME.	Fujinami, Yoshihisa
P-154	LACTATE PROMOTES VASCULAR PERMEABILITY BY REGULATING YAP DEPENDENT SIGNALING IN SEPSIS	Fan, Min

P-155	INVESTIGATING THE ROLE OF V-DOMAIN IG SUPPRESSOR OF T-CELL ACTIVATION (VISTA) IN THE MORBIDITY AND MORTALITY OF NEONATAL SEPSIS USING MOUSE MODELS	Jiang, Jihong
P-156	CHRONIC ALCOHOL USE WORSENS GUT PERMEABILITY AND ALTERS TIGHT JUNCTION EXPRESSION IN A MURINE SEPSIS MODEL	Oami, Takehiko
P-157	BRAIN EDEMA AND INFLAMMATION ARE DISCORDANT IN FEMALE SEPTIC MURINE MICE AS COMPARED TO MALE MICE	Aneja, Rajesh
P-159	BAM15 AND MITOCHONDRIAL DNA ARE A NOVEL THERAPY/COMPANION BIOMARKER IN A MOUSE CLP MODEL, WHICH LINK MORTALITY, PROXIMAL TUBULE DAMAGE, AND NEUTROPHILS	Yuen, Peter
P-160	EXTRACELLULAR CIRP-INDUCED ALTERATION OF CIRCADIAN RHYTHM CAUSES MACROPHAGE ENDOTOXIN TOLERANCE IN SEPSIS	Zhou, Mian
P-161	CHANGES OF BOTH INNATE AND ADAPTIVE IMMUNE RESPONSES AMELIORATE THE OUTCOME OF SEVERE SEPSIS: A STUDY WITH SELECTIVE DOPAMINE D1 RECEPTOR (D1R) AGONIST	Tanaka, Koichi
P-162	SEVERE INTESTINAL INJURY INDUCES SEPSIS-LIKE INFLAMMATION VIA SPLEEN DYSFUNCTION IN A MODIFIED DSS MODEL	Wang, Xiao
P-163	STIMULATION OF OREXINERGIC NEURONS AFTER CECAL LIGATION AND PUNCTURE (CLP) MODULATES PERIPHERAL INFLAMMATORY RESPONSE	Nedeljkovic-Kurepa, Ana
P-164	COMMONLY DISRUPTED PATHWAYS IN BRAIN AND KIDNEY IN A PIG MODEL OF SEPTIC-LIKE INJURY	Fryer, John
P-165	HEPATIC CD14 REGULATES THE CATABOLIC RESPONSE TO ORGAN INJURY AND SEPSIS	Hamidi, Tewfik
P-166	DIFFERENTIAL CD4+ T CELL TRANSCRIPTOMIC SIGNATURES IN IMMUNE EDUCATED VERSUS NON-EDUCATED MICE IN THE CECAL LIGAND AND PUNCTURE SEPSIS MODEL	Ham, Steven
P-167	IMMUNE-MODULATING TELODENDRIMER NANOCARRIER FOR SYSTEMIC DELIVERY OF POLYMYXIN B IN GRAM-NEGATIVE SEPSIS TREATMENT	Hossan, Md Shanewaz
P-168	CELLULAR INDEXING OF TRANSCRIPTOMES AND EPITOPES BY SEQUENCING (CITE-SEQ) ILLUSTRATES A UNIQUE MYELODYSPLASIA AFTER SEPSIS	Barrios, Evan
P-169	FCYRIIB/FGL2 AS A DRIVER OF MORTALITY IN SEPTIC MICE	Williams, Jeroson
P-170	MONOCYTE ANISOCYTOSIS (MDW) IS INCREASED IN SURGICAL SEPSIS, IS ASSOCIATED WITH MDSC EXPANSION, BUT DOES NOT IMPROVE PREDICTION OF ADVERSE CLINICAL OUTCOMES	Polcz, Valerie
P-171	CLAUDIN-4 DELETION IMPROVES GUT PERMEABILITY AND SURVIVAL IN A MURINE MODEL OF ABDOMINAL SEPSIS	Shimazui, Takashi



## Poster Session Schedule

### POSTER SESSION 2

**MONDAY, JUNE 19, 2023**

**7:30 AM - 9:00 AM**

Poster #	Title	Presenting Author
P-201	SOLUBLE GUANYLYL CYCLASE STIMULATION ATTENUATES HYPEROXIA-INDUCED VASCULAR DYSFUNCTION IN MICE	Mace, Eric
P-202	TREM-1 EXACERBATES RADIATION-INDUCED MORTALITY IN MICE	Yamaga, Satoshi
P-203	ROLE OF ANTIMICROBIAL PEPTIDES IN ETHANOL INTOXICATION AND POST BURN PULMONARY INFLAMMATION	Khair, Shanawaj
P-204	LATE TRANEXAMIC ACID ADMINISTRATION AFTER TBI CONTINUES TO CONVEY IMMUNOLOGICAL BENEFIT	Baucom, Matthew
P-205	GASDERMIN D REGULATES IMMUNOTHROMBOSIS IN A MURINE POLYTRAUMA MODEL	Alsaadi, Nijmeh
P-206	DELAYED ADMINISTRATION OF BONE MARROW DERIVED MESENCHYMAL STEM CELLS FOR BONE HEALING IN A RAT (RATTUS NORVEGICUS) CALVARIAL CRITICAL DEFECT MODEL	Wang, Heuy-Ching
P-207	THE RENIN-ANGIOTENSIN-ALDOSTERONE AXIS IN A HEMORRHAGIC SHOCK PORCINE MODEL	Cambroner, Gabriel
P-208	EPIDEMIOLOGY AND OUTCOME ANALYSIS OF BLAST INJURY PATIENTS IN JAPAN:AN ANALYSIS OF THE NATIONWIDE TRAUMA REGISTRY DATABASE	Madokoro, Shunsuke
P-209	RECOMBINANT ADAMTS13 MITIGATES LUNG DYSFUNCTION IN MICE AFTER POLYTRAUMA AND HEMORRHAGE SHOCK	Wu, Feng
P-210	EVALUATION OF A TNF- $\alpha$ INHIBITOR IN MITIGATING ACUTE KIDNEY INJURY FOLLOWING REBOA INTERVENTION IN A PORCINE MODEL (SUS SCROFA DOMESTICUS)	Molina, Erica
P-211	GENETIC INHIBITION OF CARDIOMYOCYTE MITOCHONDRIAL COMPLEX I SUBUNIT NDUFS4 ENHANCES HEMODYNAMIC DECOMPENSATION AND LIVER INFLAMMATION IN HEMORRHAGIC SHOCK IN MICE	Zingarelli, Basilia
P-212	PRE-HOSPITAL PLASMA IS NON-INFERIOR TO WHOLE BLOOD FOR RESTORATION OF CEREBRAL OXYGENATION IN	Neidert, Leslie

	A RHESUS MACAQUE MODEL OF TRAUMATIC SHOCK AND HEMORRHAGE	
P-213	RESUSCITATIVE EFFICACY OF HEMOGLOBIN VESICLES FOR SEVERE POSTPARTUM HEMORRHAGE IN PREGNANT RABBITS	Kinoshita, Manabu
P-214	SPHINGOSINE 1-PHOSPHATE AND NOT ALBUMIN PROTECTS AGAINST OXIDANT DAMAGE TO THE ENDOTHELIUM: AN IN VITRO MICROFLUIDIC STUDY	Karadjoff, Alison
P-215	EFFECTS OF AGGRESSIVE VERSUS MINIMALIST OXYGEN DELIVERY STRATEGIES DURING RESUSCITATION OF HEMORRHAGIC SHOCK ON KIDNEY MITOCHONDRIAL FUNCTION	Cardona, Venetia
P-216	EXTRACELLULAR ACTIN POTENTIATES PLATELET AGGREGATION THROUGH COLLAGEN ACTIVATION PATHWAY	Stucky, Sarah
P-217	ROLE OF SUCCINATE IN THE REGULATION OF AIRWAY EPITHELIAL CELLS IN DIRECT LUNG INJURY FOLLOWING TRAUMA	Madathilparambil, Suresh
P-218	PERSISTENT METABOLOMIC ABNORMALITIES FOLLOWING POST-INJURY RESUSCITATION	Weykamp, Michael
P-219	SINGLE CELL RNA SEQUENCING ANALYSIS OF MAJOR ELECTIVE SURGERY AND POLYTRAUMA PATIENTS REVEALS ALTERED RESPONSE	Mehves, Ozel
P-220	TIMING OF INCREASED NEUROINFLAMMATION POST TRAUMATIC BRAIN INJURY	Cannon, Abigail
P-221	USE OF SINGLE CELL MULTIOMICS POINTS TO ALTERATIONS IN LUNG ENDOTHELIAL ADRENOMEDULLIN RECEPTOR GENES CALCRL AND RAMP2 FOLLOWING SHOCK-INDUCED PRIMING	Armstead, Brandon
P-222	PENTRAXIN-3 RISES AFTER GRAFT REPERFUSION IN LIVER TRANSPLANTATION	Govindaraju, Krishna
P-223	ASSESSMENT OF ENDOGENOUS THROMBIN GENERATION POTENTIAL IN BURN SHOCK PATIENTS IN RESPONSE TO PLASMA INCLUSIVE RESUSCITATION	Bravo, Maria Cristina
P-224	OXYGEN CONSUMPTION RATES AND ATP PRODUCTION IN ADIPOSE-DERIVED STEM CELLS AFTER BURN INJURY IN SMOKERS VS NON-SMOKERS – A PILOT STUDY	Deville, Paige
P-225	ASSESSMENT OF CHANGES IN COAGULANT AND LYTIC POTENTIAL IN PATIENTS IN BURN SHOCK IN RESPONSE TO PLASMA INCLUSIVE RESUSCITATION	Bravo, Maria Cristina
P-226	A POPULATION OF LOW-INTENSITY IFN- $\gamma$ PRODUCING CELLS IN PATIENTS WITH SEPSIS	Turnbull, Isaiah
P-227	ASSOCIATIONS BETWEEN FLUID OVERLOAD AND OUTCOMES IN CRITICALLY ILL PATIENTS WITH ACUTE KIDNEY INJURY	Hayashi, Yosuke
P-228	EXTRACELLULAR MATRIX-BOUND NANOVESICLE UPTAKE IN HEPATIC MURINE CELLS IS NOT MEDIATED BY DYNAMIN	Al Matour, Bashar
P-229	ENDOTHELIAL PERMEABILITY IS SIGNIFICANTLY INCREASED IN LIVER TRANSPLANT PATIENTS WITH	Jiang, Jessie

	PERSISTENT ASCITES ASSOCIATED WITH EARLY ALLOGRAFT DYSFUNCTION	
P-230	ASSOCIATION OF ENDOTHELIAL-DEPENDENT VASCULAR REACTIVITY TO THE PRESENCE OF PEDIATRIC ACUTE RESPIRATORY DISTRESS SYNDROME (PADRS)	Stark, Ryan
P-231	DISCOVERY OF PERTURBED SIGNALING STATES IN BLOOD IMMUNE CELLS FROM CRITICALLY ILL PATIENTS THAT DEVELOP SEPSIS AND ARDS	Murzin, Ekaterina
P-232	IMSC-DERIVED EXOSOMES ATTENUATE LPS-INDUCED LUNG INJURY	Meng, Qinghe
P-233	C5AR1-INDUCED DYSREGULATION OF HOST DEFENSE AND INFLAMMATION DURING PRIMARY HOOKWORM LUNG INFECTION	Sharma, Arjun
P-234	A DYNAMICAL MACHINE LEARNING MODEL DERIVED FROM ANALYSIS OF EARLY TIME-COURSE GENE EXPRESSION DATA REVEALS HIGHLY PREDICTIVE FEATURES OF SEPSIS MORTALITY	Huang, Min
P-235	HUMAN SURFACTANT PROTEIN A VARIANTS MODULATE COVID-19 SEVERITY IN VITRO AND IN VIVO	Jacob, Ikechukwu
P-236	UNCOVERING FEATURES OF INNATE IMMUNE MEMORY INDUCED BY BACTERIA- AND FUNGUS-DERIVED PATHOGEN ASSOCIATED MOLECULAR PATTERNS	McBride, Margaret
P-237	NLRP10 INFLAMMASOME MODULATES HOST DEFENSES DURING PNEUMONIA	Le, John
P-238	RIPK3 DRIVES SEPTIC MORTALITY THROUGH KINASE-INDEPENDENT SIGNALING	Lyons, John
P-239	INTESTINAL DYSBIOSIS INDUCES AGE-DEPENDENT ALTERATIONS IN T CELL SUBSET NUMBERS AND FUNCTION	Brewer, Mariana
P-240	POLY(A) MIMIC A12 ATTENUATES INTESTINAL ISCHEMIA-REPERFUSION INJURY	Murao, Atsushi
P-241	LOSS OF PAD4 MEDIATED NETOSIS IMPROVES SURVIVAL IN A TWO HIT MOUSE MODEL OF POLYTRAUMA AND PSEUDOMONAS AERUGINOSA PNEUMONIA	Leonard, Jennifer
P-242	MACROPHAGE-ENRICHED SECTM1A PROVIDES CARDIO-PROTECTION AGAINST ISCHEMIA/REPERFUSION-INDUCED INJURY VIA THE ENHANCED EFFEROCYTOSIS	Fan, Guo-Chang
P-243	PEDIATRIC BRONCHIOLITIS EXERTS DISTINCT ENDOTYPES IN INNATE AND ADAPTIVE CYTOKINE PRODUCTION	Remy, Kenneth
P-244	SEX DIFFERENCES OBSERVED IN ALVEOLAR MACROPHAGE EFFEROCYTOSIS	Kemp, Scott
P-245		
P-246	BRAIN NEURAL NETWORKS CONTROL THE IL-1 $\beta$ MEDIATED INFLAMMATORY RESPONSES	Hepler, Tyler
P-247	$\Delta$ -9-TETRAHYDROCANNABINOL (THC) AND N-OLEOYL DOPAMINE (OLDA) MODULATE BRAIN CYTOKINE AND ENDOCANNABINOID LEVELS IN ENDOTOXEMIC MICE	Tsutsui, Kyle

P-248	TRANSCRIPTIONAL HETEROGENEITY OF RECRUITED MACROPHAGES DURING ACUTE LUNG INFLAMMATION: DIFFERENCES BETWEEN INTERSTITIAL AND ALVEOLAR COMPARTMENTS	Moore, Peter
P-249	CHRONIC ALCOHOL EXPOSURE ALTERS THE IMMUNE LANDSCAPE OF MICE	Gutierrez, Melissa
P-250	BCG INDUCES GESTATIONAL AGE-INDEPENDENT INNATE IMMUNE STIMULATION IN NEONATES: A VALIDATION OF FUNCTIONAL IMMUNOLOGIC BATTERY WITH SMALL VOLUME BLOOD (SVB) SAMPLING	Polcz, Valerie
P-251	CYTOTOXICITY OF INTESTINAL CD4CD8 $\alpha\alpha$ INTRAEPITHELIAL LYMPHOCYTES IN SEPSIS: ROLE OF ECIRP	Akama, Yuichi
P-252	INVESTIGATING THE RELATIONSHIP BETWEEN BLEEDING, CLOTTING, AND COAGULOPATHY DURING AUTOMATED PARTIAL REBOA STRATEGIES IN A HIGHLY LETHAL PORCINE HEMORRHAGE MODEL.	Renaldo, Antonio
P-253	AGE-DEPENDENT ALTERATIONS OF MITOCHONDRIAL BIOENERGETIC FUNCTION IN CARDIOMYOCYTES RESPONSE TO INFLAMMATION	Wang, Meijing
P-254	SERUM HMGB1 BIOMARKER IS A PREDICTOR FOR TRAUMA-INDUCED ARDS AND SURVIVABILITY	Yang, Zhangsheng
P-255	MEMORY EFFECTOR AND REGULATORY T CELL PERCENTAGE CORRELATES WITH AGE IN PEDIATRIC SEPSIS	Fisler, Grace
P-256	FUNCTIONALIZED NANOGEL SCAVENGER FOR IMMUNE MODULATION THERAPY IN SEPSIS	Luo, Juntao
P-257	IL-7 INCREASES T CELL FUNCTION IN SEPTIC PATIENTS (SPIES)	Hotchkiss, Richard
P-258	OBESE MICE HAVE IMPROVED SURVIVAL WITH B3-AGONISM DURING SEPSIS	Kaplan, Jennifer
P-259	NEUTRALIZING KERATINOCYTE-DERIVED CHEMOKINE IN SEPSIS-ASSOCIATED AKI: A RISK-STRATIFIED APPROACH	Zingarelli, Basilia
P-260	DEVELOPMENT OF A CLINICALLY RELEVANT SEPSIS MODEL: IS CONTINUOUS INFUSION OF ANTITHROMBIN III BENEFICIAL?	Hayase, Naoki
P-261	TYPE-1 MUSCARINIC ACETYLCHOLINE RECEPTOR SIGNALING MODULATES INFLAMMATORY RESPONSE FOLLOWING CECAL LIGATION AND PUNCTURE (CLP)	Abraham, Mabel
P-262	THE MINNI-CINCI METHOD: A SHORTENED ELISPOT ASSAY TO TEST IMMUNE FUNCTION IN SEPSIS PATIENTS (SPIES)	Griffith, Thomas
P-263	NICOTINAMIDE MONONUCLEOTIDE AS A THERAPEUTIC AGENT TO ALLEVIATE MULTI-ORGAN FAILURE IN SEPSIS	Cao, Ting
P-264	AGE-INDEPENDENT CARDIAC PROTECTION BY PHARMACOLOGICAL ACTIVATION OF BECLIN-1 DURING ENDOTOXEMIA AND ITS ASSOCIATION WITH ENERGY METABOLIC REPROGRAMMING IN MYOCARDIUM	Zang, Qun



P-265	CECAL LIGATION AND PUNCTURE (CLP) INCREASES ABUNDANCE OF SPLICEOSOME PROTEIN SRP20 IN CARDIAC TISSUE	Stein, William
P-266	THE STING ANTAGONIST H151 AMELIORATES LETHAL SEPSIS	Kobritz, Molly
P-267	THE EFFECTS OF SLEEP INTERRUPTION ON CLP-SEPSIS	Ali, Taniah
P-268	NOVEL ROLE OF LIVER SINUSOIDAL ENDOTHELIAL HSPA12B IN THE REGULATION OF HEPATIC IMMUNE FUNCTION DURING SEPSIS	Li, Tingting
P-269	MITOCHONDRIAL DNA LEVELS IN CIRCULATING EXTRACELLULAR VESICLES ARE ASSOCIATED WITH ACUTE RESPIRATORY DISTRESS SYNDROME DEVELOPMENT IN PATIENTS WITH SEPSIS	Li, Pengfei
P-270	GM2A-MEDIATED CATABOLISM OF GM2 TO GM3 GANGLIOSIDE FUNCTIONS TO DAMPEN IMMUNE RESPONSIVENESS IN SEPSIS	Davis, Carolyn



## Poster Session Schedule

### POSTER SESSION 3

TUESDAY, JUNE 20, 2023

7:30 AM - 9:00 AM

Poster #	Title	Presenting Author
P-301	EFFECTS OF CHEMOKINE (C-C MOTIF) RECEPTOR 2 AND 3 ANTAGONISTS IN RAT MODELS OF HEMORRHAGIC SHOCK	Weche, McWayne
P-302	THERAPY OF ACUTE RADIATION SYNDROME AND DELAYED EFFECTS BY MESENCHYMAL STROMAL CELLS PRECONDITIONED WITH TLR9 AGONISTS	Younger, Daniel
P-303	MARKEDLY DIFFERENT TRANSCRIPTIONAL SIGNATURES IN ACUTE AND SUB-ACUTE TIME POINTS AFTER TRAUMATIC BRAIN INJURY	Ford, Kacie
P-304	COMPARATIVE EFFECTIVENESS OF PROPRANOLOL AND TOCILIZUMAB IN ATTENUATING WHITE ADIPOSE TISSUE BROWNING AND HEPATIC STEATOSIS IN POST BURN MICE.	Abdullahi, Abdikarim
P-305	PRESERVED MITOCHONDRIAL ACTIVITY IN HEMORRHAGIC SHOCK + TRAUMA (HS/T) AFTER EXERCISE	Darby, Jennifer
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