



**Poster Session Schedule  
Metropolitan East Ballroom  
The Westin Harbour Castle  
(as of 6/1/2022)**

**POSTER SESSION I  
SUNDAY, JUNE 5, 2022  
7:00 AM-9:30 AM**

Poster #	Title	Presenting Author
P-101	DOWNREGULATION OF NEURONAL WISKOTT-ALDRICH SYNDROME PROTEIN IN ALVEOLAR EPITHELIAL CELLS ATTENUATES LUNG INJURY AND IMPROVES SURVIVAL IN MICE WITH PNEUMONIA	Che, Pulin
P-102	UTILITY OF CANNABINOID TYPE 2 RECEPTOR ACTIVATION IN ACUTE LUNG INJURY-INDUCED SYSTEMIC INFLAMMATION	Hall, Stefan
P-103	TREATMENT WITH NANO-CHEMICALLY MODIFIED TETRACYCLINE-3 (NCMT-3) ATTENUATES ACUTE LUNG INJURY (ALI)	Meng, Qinghe
P-104	ESTROGEN REVERSES POST-HEMORRHAGIC SHOCK MESENTERIC LYMPH-INDUCED LUNG INJURY THROUGH INHIBITION OF AUTOPHAGY	Sun, Qi
P-105	ADMINISTRATION OF THE HUMANIN ANALOGUE, HUMANIN-G, DECREASES LUNG INFLAMMATION IN AGING MALE AND FEMALE MICE IN AN AMPK $\alpha$ 1-DEPENDENT MANNER	Ammann, Allison
P-106	MICROCIRCULATION-TARGETED RESUSCITATION IN A PORCINE MODEL OF HEMORRHAGIC SHOCK	Khoraki, Jad
P-107	ENDOTHELIAL GLYCOCALYX DAMAGE IS PREVENTED BY ADMINISTRATION OF DIMETHYL SULFOXIDE	Packer, Jacob
P-108	QUANTIFYING THE IMPACT OF HEMORRHAGIC SHOCK AND REBOA ON THE ENDOTHELIAL GLYCOCALYX LAYER	Renaldo, Antonio
P-109	PROLONGED FIBRINOGEN TREATMENT-INDUCED ENDOTHELIAL HYPERPERMEABILITY IS ATTENUATED BY INHIBITION OF MEK/ERK	Wu, Feng
P-110	ESTROGEN PROMOTES LYMPHATIC CONTRACTILITY BY SUPPRESSING HEMORRHAGIC SHOCK-INDUCED ENDOPLASMIC RETICULUM STRESS	Zhai, Jia-Yi
P-111	NECROPTOSIS-MEDIATED ECIRP RELEASE TO INDUCE INFLAMMATION IN SEPSIS	Aziz, Monowar
P-112	SEPSIS LEADS TO PROFOUND CHANGES IN NAÏVE CD8 T CELL COMPARTMENT	Berton, Roger
P-113	ONE MECHANISM OF THE ANTI-INFLAMMATORY ACTIVITY OF WIN55, 212-2, A NON-SELECTIVE CANNABINOID CB1/CB2 RECEPTOR AGONIST IS BINDING CANNABINOID RECEPTOR 2 (CB2)	Bradley, Jennifer

P-114	A COLORIMETRIC ASSAY FOR DETERMINATION OF CIRCULATING CHOLINE ACETYLTRANSFERASE ACTIVITY IN INFLAMMATION	Gabalski, Arielle
P-115	CYTOKINE-SPECIFIC RESPONSES IN INDIVIDUAL VAGUS NERVE SENSORY NEURONS	Huerta, Tomás
P-116	$\alpha$ 7-NACHR EXPRESSION IN KUPFFER CELLS FROM AGED MICE AFTER BURN INJURY	Muro, Israel
P-117	EARLY HYPO-INFLAMMATION IN AGED MICE REDUCES LIVER TRANSCRIPTION OF ACUTE PHASE PROTEINS AFTER BURN INJURY	Muro, Israel
P-118	ANTIMICROBIAL AND IMMUNOMODULATORY EFFECTS OF RESOLVIN D2 ON HUMAN MACROPHAGES	Padovani, Cristina
P-119	SELECTIVE OPTOGENETIC STIMULATION OF CHOLINERGIC INNERVATIONS OF THE CELIAC-SUPERIOR MESENTERIC GANGLION COMPLEX ATTENUATES INFLAMMATION IN MURINE ENDOTOXEMIA	Palandira, Santhoshi Poonacha
P-120	IL-27 AMELIORATES ACUTE LUNG INJURY DURING HOOKWORM INFECTION	Sharma, Arjun
P-121	ACTIVATION OF VAGUS NERVE TRPA1 NOCICEPTORS INDUCES A HYPOTHERMIC AND ANTI-INFLAMMATORY RESPONSE	Silverman, Harold
P-122	HUMAN DERMICIDIN PROTECTS MICE AGAINST HEPATIC ISCHEMIA-REPERFUSION-INDUCED LOCAL AND REMOTE INFLAMMATORY INJURY.	Wang, Haichao
P-123	DOWNREGULATED MICRORNA-181A DURING DIABETIC WOUND HEALING	Xu, Junwang
P-124	THERAPEUTIC EFFECT OF CHOLINE ACETYLTRANSFERASE IN A MURINE MODEL OF COLITIS	Tsaava, Téa
P-125	THE ROLE OF LINCRNA-EPS IN THE REGULATION OF INFLAMMATION AND MACROPHAGE POLARIZATION	Xu, Junwang
P-126	MICROBIOMIC ALTERATIONS FOLLOWING CECAL LIGATION AND PUNCTURE DIFFER IN STANDARD AND IMMUNE EDUCATED MICE	Brewer, Mariana
P-127	INTESTINAL BACTERIAL DYSBIOSIS AND SCFA CONTENT AFTER ALCOHOL AND BURN INJURY	Herrnreiter, Caroline
P-128	NON-SELECTIVE BETA BLOCKADE ENHANCES GUT MICROBIOME DIVERSITY IN A RODENT MODEL OF TRAUMA, HEMORRHAGE, AND CHRONIC STRESS	Munley, Jennifer
P-129	SEPSIS-INDUCED GUT DYSBIOSIS: THE PATHOBIOME DURING DEVELOPMENT OF CHRONIC CRITICAL ILLNESS	Munley, Jennifer
P-130	ANTI-BIOFILM AND IMMUNOMODULATORY EFFECTS OF DIFFERENT MOLECULAR WEIGHT FRACTIONS OF LACTOBACILLUS ACIDOPHILUS CELL FREE FILTRATES	Wilson, Rachael
P-131	EXPERIMENTAL SHOCK IMPACTS LUNG ASSOCIATED INFLAMMATORY MOLECULAR TARGETS AS RESOLVED BY SINGLE CELL RNA SEQUENCING.	Armstead, Brandon
P-132	A CHEMICALLY MODIFIED MIRNA 130B-3P MIMIC ACTS AS A NOVEL EXTRACELLULAR CIRP INHIBITOR TO REDUCE INFLAMMATION IN SEPSIS	Borjas, Timothy
P-133	NANOPARTICLE-MEDIATED MODULATION OF MACROPHAGE INFLAMMATORY RESPONSES	Pearson, Ryan
P-134	TRANSITION OF KUPFFER CELLS MODULATES HEPATIC IMMUNE ENVIRONMENT AFTER ISCHEMIA/REPERFUSION INJURY REVEALED BY SINGLE-CELL TRANSCRIPTOMES	Zhang, Hongji
P-135	ODD RNA IDENTIFIED IN BLOOD OF CRITICALLY ILL PATIENTS	Monaghan, Sean
P-136	EFFECTS OF LIPOXIN A4 ON PSEUDOMONAS AERUGINOSA ESTABLISHED BIOFILM	Yin, Kingsley
P-137	ENDOTHELIAL GLYCOCALYX SHEDDING IN INTRA-ABDOMINAL SEPSIS: A PILOT STUDY	Carmichael, Samuel

P-138	PROTEOMICS OF MOUSE ENDOTHELIAL CELL DYSFUNCTION IN SEPSIS	Langston, Jordan
P-139	AUTOREGULATION OF BLOOD FLOW OVERRIDES PRESSURE REGULATION IN THE EARLY STAGE OF ENDOTOXIC SHOCK	Moretti, Eduardo
P-140	MFG-E8-MEDIATED PHAGOCYTOSIS OF EXTRACELLULAR CIRP ATTENUATES INFLAMMATION IN SEPSIS	Nofi, Colleen
P-141	ECIRP INDUCES FERROPTOSIS IN THE LUNGS IN SEPSIS	Shimizu, Junji
P-142	LIPOPOLYSACCHARIDE INDUCES LIPOLYSIS IN A 2D CELL MODEL OF 3T3-L1 ADIPOCYTES IN A TIME- BUT NOT DOSE-DEPENDENT MANNER	Stuck, Joanna
P-143	DYSREGULATION OF MACROPHAGE BACTERIAL PHAGOCYTOSIS IN SEPSIS: THE ROLE OF EXTRACELLULAR CIRP	Zhou, Mian
P-144	FCyR2B/FGL2 AS A DRIVER OF CD8+ T CELL LOSS IN SEPTIC CANCER MICE	Williams, Jeroson
P-145	SGB REVERSES PHSM-L-INDUCED VASCULAR HYPOREACTIVITY THROUGH INHIBITION OF AUTOPHAGY-MEDIATED PHENOTYPIC TRANSFORMATION IN VSMCS	Li, Cai-Juan
P-146	MTOR MAINTAINS VASCULAR INTEGRITY IN THE LUNG	Millar, Michelle
P-147	AN ANG-1-LIKE TIE2 BINDING ANTIBODY PRESERVES VASCULAR FUNCTION AFTER HEMORRHAGIC SHOCK AND TRAUMA	Miyazawa, Byron
P-148	HISTONES AND LIPOPOLYSACCHARIDE PRODUCE ENDOTHELIAL INJURY THROUGH DISTINCT CALCIUM-DEPENDENT AND -INDEPENDENT MECHANISMS	Piffard, Sophia
P-149	IDENTIFICATION OF A PROTEIN COMBINATION THAT DISCRIMINATES SEVERE AND MODERATE COVID-19 PATIENTS FROM HEALTHY INDIVIDUALS BY A HUMAN SECRETOMICS STUDY	De Waard, Michel
P-150	THROMBIN GENERATION KINETICS IN COVID-19 BREAKTHROUGH INFECTION AFTER VACCINATION	MacArthur, Taleen
P-151	CORONAVIRUS-SUSCEPTIBLE MICE MIMIC WHILE RESISTANT MICE ARE IMPACTED BY SEPSIS	Silva, Elvia
P-152	FAMOTIDINE HAS ANTI-INFLAMMATORY EFFECTS AND IS VIA A VAGUS NERVE-DEPENDENT MECHANISM	Thompson, Dane

**POSTER SESSION II**  
**MONDAY, JUNE 6, 2022**  
**7:00 AM-9:30 AM**

Poster #	Title	Presenting Author
P-201	THE CHOLINERGIC DRUG GALANTAMINE MITIGATES LOCAL AND SYSTEMIC INFLAMMATION IN MICE WITH ACUTE RESPIRATORY DISTRESS SYNDROME	Falvey, Aidan
P-202	HIF-2 $\alpha$ STIMULATION INCREASES THE SEVERITY OF INJURY, AND INFLAMMATION FOLLOWING LUNG CONTUSION IS MEDIATED THROUGH NF-KB AND NLRP3	Madathilparambil, Suresh
P-203	CRITICAL ROLE OF MTORC1 IN ENDOTHELIAL BARRIER REGULATION	Tahir, Imran
P-204	PATHOPHYSIOLOGICAL CHANGES IN THE SKIN AND FAT TISSUE AS POTENTIAL EARLY INDICATORS OF PROGNOSIS IN SEVERELY BURNED OLDER PATIENTS	Abdullahi, Abdikarim
P-205	METFORMIN ADMINISTRATION IN OLDER ADULT BURN PATIENTS	Rehou, Sarah

P-206	CYTOKINE PROFILE OF ADIPOSE-DERIVED STEM CELLS FROM PATIENTS WITH SEVERE BURN INJURIES	Smith, Alison
P-207	INSUFFICIENT OXYGEN INHALATION DURING CARDIOPULMONARY RESUSCITATION INDUCES UNFAVORABLE BIOLOGICAL RESPONSES IN POST-CARDIAC ARREST RATS	Aoki, Tomoaki
P-208	DRUG TARGETING OF MITOCHONDRIAL REACTIVE OXYGEN SPECIES PREVENTS GLYCOCALYX DAMAGE IN A RAT MODEL OF ZONE 3 REBOA WITH HEMORRHAGIC SHOCK	Friedman, Jessica
P-209	THE ROLE OF SENESENCE IN POST-BURN WOUND HEALING	Faour, Sara
P-210	STAT3 ACTIVATION IS HIGHER IN WHITE ADIPOSE TISSUE IN NON-OBESE MICE COMPARED TO OBESE MICE DURING PNEUMONIA	Howell, Kendra
P-211	BACILLE-CALMETTE-GUÉRIN (BCG) INDUCES BENEFICIAL MYELOID-DERIVED SUPPRESSOR CELL (MDSC) EXPANSION IN NEONATAL MICE	Kerr, Austin
P-212	ETHANOL EXPOSURE PRIOR TO BURN INJURY CONTRIBUTES TO MESENTERIC ADIPOSE TISSUE DYSFUNCTION BY SUPPRESSING ANTI-INFLAMMATORY RESPONSE	Khair, Shanawaj
P-213	IRG1 AND ITACONATE IN INNATE IMMUNE MEMORY	McBride, Margaret
P-214	NOVEL CD112 (NECTIN-2) POSITIVE NEUTROPHILS PROMOTE TH1 DIFFERENTIATION IN SEPSIS	Murata, Kensuke
P-215	SIGLEC-G RETAINS THE HOMING OF PERITONEAL B-1A CELLS IN SEPSIS	Tan, Chuyi
P-216	SELECTIVE ACTIVATION OF CHOLINERGIC NEURONS IN THE DORSAL MOTOR NUCLEUS ATTENUATES PANCREATIC INFLAMMATION	Thompson, Dane
P-217	LEVERAGING T CELL CHARACTERISTICS TO DETERMINE SUCCESSFUL SURGICAL SOURCE CONTROL IN A MURINE ABDOMINAL SEPSIS MODEL	Bergmann, Christian
P-218	XENOGENEIC AND ALLOGENEIC UMBILICAL CORD MESENCHYMAL STEM CELLS EXHIBIT COMPARABLE EFFICACY IN TREATING FULL-THICKNESS BURN LESIONS.	brosset, sophie
P-219	VAGUS NERVE TRPA1 NOCICEPTORS ACTIVATE THE HYPOTHALAMIC PARAVENTRICULAR NUCLEUS	Lee, Diana
P-220	ASSOCIATION BETWEEN SERUM HUMANIN AND ORGAN DYSFUNCTIONS IN PEDIATRIC SEPTIC SHOCK	Atreya, Mihir
P-221	HYPEROXIA INCREASES KIDNEY INJURY DURING RENAL ISCHEMIA AND REPERFUSION IN MICE	Kimlinger, Melissa
P-222	HYPOXIA/REOXYGENATION OF HUMAN HEPATOCYTES AND MURINE HEPATOCELLULAR TISSUE INDUCES TIME-DEPENDENT ALTERATIONS IN MITOCHONDRIAL QUALITY CONTROL	Mukkala, Avinash
P-223	A CHIP-BASED BIOSENSOR FOR DETECTING CORTISOL BIOMARKER	Alexander, Kenneth
P-224	OUR SHOCK JOURNAL: SHOCKING CHANGES	Remick, Daniel
P-225	IMPAIRED COGNITION AFTER SEPSIS IS PREVENTED BY NEURON-SPECIFIC ABLATION OF HMGB1	Gomez, Pedro
P-226	PROMOTING TOLERANCE: A COMPELLING ROLE FOR VISTA IN CD4+ TREG-MEDIATED SEPSIS MORTALITY	Gray, Chyna
P-227	UPREGULATION OF HUMAN GLUCOCORTICOID RECEPTOR EXPRESSION BY BACTERIAL CELL WALL COMPONENTS	Greenhalgh, David

P-228	IMPROVED ACUTE SURVIVAL USING PEG-20K IV RESUSCITATION SOLUTION OVER STANDARD FLUID ± VASOPRESSOR THERAPY IN LPS RODENT MODEL OF SEPTIC SHOCK	Liebrecht, Loren
P-229	A NOVEL RNA MIMIC POLY ADENOSINE ATTENUATES SEPSIS BY TARGETING EXTRACELLULAR CIRP	Murao, Atsushi
P-230	CIRCULATING EXTRACELLULAR VESICLES FROM SEPTIC MICE INDUCE BRAIN INFLAMMATION VIA MIRNA CARGO	Park, Chanhee
P-231	HMGB1 MEDIATES DISRUPTION OF SPATIAL CODING IN THE HIPPOCAMPUS OF SEPSIS-SURVIVING MICE	Strohl, Joshua
P-232	CD103 BLOCKADE INCREASES SEPSIS MORTALITY THROUGH A CD8+ T CELL- AND TREG-DEPENDENT MECHANISM	Swift, David
P-233	INHIBITION OF FLI-1 ATTENUATES BRAIN PERICYTE MCP-1 IN SEPSIS ASSOCIATED ENCEPHALOPATHY	Wu, Yan
P-234	EVALUATION OF PARKIN IN THE REGULATION OF MYOCARDIAL MITOCHONDRIA-ASSOCIATED MEMBRANES AND CARDIOMYOPATHY DURING ENDOTOXEMIA	Zang, Qun
P-235	TCA CYCLE METABOLITES AND CYTOKINE ANALYSIS REVEALS STRONG ASSOCIATIONS IN THE CIRCULATING COMPARTMENT OF TRAUMA PATIENTS WITH SEVERE HEMORRHAGIC SHOCK	Abdelhamid, Sultan
P-236	HIGH INTENSITY FOCUSED ULTRASOUND STIMULATION OF SPLEEN REDUCES TRAUMATIC BLEEDING IN MICE	Bravo-Iñiguez, Carlos
P-237	ETCO2: A SHOCKINGLY POOR CLINICAL INDICATOR OF METABOLIC STATUS DURING AORTIC OCCLUSION	Cralley, Alexis
P-238	EXTRACELLULAR HISTONE RELEASE DRIVES A STERILE INFLAMMATORY RESPONSE AFTER TRAUMA WHICH CORRELATES WITH ADVERSE CLINICAL OUTCOMES	DeBot, Margot
P-239	THE RELEVANCE OF AGE IN RELATION TO POLYTRAUMA, A SUBGROUP ANALYSIS WITH REFERENCE TO THE LETHAL TRIAD	Drumm, Franziska
P-240	A RAT MODEL OF MULTICOMPARTMENTAL TRAUMATIC INJURY AND HEMORRHAGIC SHOCK INDUCES BONE MARROW DYSFUNCTION AND PROFOUND ANEMIA	Kelly, Lauren
P-241	SYSTEMIC AND MYOCARDIAL INFLAMMATION FOLLOWING EXPERIMENTAL HIP FRACTURE IS AGGRAVATED IN AGED MICE	Lackner, Ina
P-242	THE ABSENCE OF TLR4 CONFERS DECREASED SURVIVAL IN TLR3(-/-) MICE FOLLOWING KLEBSIELLA PNEUMONIAE	Madathilparambil, Suresh
P-243	A THERAPEUTIC STRATEGY TO PROMOTE GLYCOCALYX REPAIR FOLLOWING TRAUMATIC INJURY	Pretorius, Danielle
P-244	EXPEDITIOUS OPERATIVE TIME AFTER GERIATRIC FEMUR FRACTURES LEADS TO SHORTER BUT HIGHER EXPRESSION OF GITR ON CD4+ REGULATORY T CELLS	Roemmermann, Gregor
P-245	PLASMA POLYAMINES ARE EARLY PREDICTORS OF ADVERSE OUTCOMES FOLLOWING TRAUMA	Schaid, Terry
P-246	A PILOT STUDY SUGGESTS THAT WHOLE-GENOME DNA METHYLATION PATTERNS CAN DIFFERENTIATE TRAUMA PATIENTS FROM HEALTHY CONTROLS	Zamora, Ruben
P-247	TEMPORAL PROGRESSION OF HIPPOCAMPAL TAU PHOSPHORYLATION FOLLOWING TBI IN A MURINE MODEL	Baucom, Matthew
P-248	ALCOHOL-INDUCED EXACERBATION OF POST TRAUMATIC BRAIN INJURY GI DYSFUNCTION AND NEUROINFLAMMATION	Cannon, Abigail
P-249	THE EFFECT OF INTRATRACHEAL LPS CHALLENGE ON POST-TBI PULMONARY INFLAMMATION: A DOUBLE HIT MODEL	Galicia, Kevin

P-250	CONSTITUTIVE LOSS OF SHANK3 IN MICE PRESERVES ASSOCIATIVE LEARNING AND MEMORY AFTER TRAUMATIC BRAIN INJURY	Islam, Mecca
P-251	EXTRACELLULAR COLD INDUCIBLE RNA-BINDING PROTEIN CONTRIBUTES TO ALCOHOL-INDUCED DISRUPTION OF SPATIAL MAPPING IN THE HIPPOCAMPUS	Jacob, Asha
P-252	REMOTE ISCHEMIC CONDITIONING IN TRAUMATIC BRAIN INJURY PATIENTS: NOVEL TREATMENT AND POTENTIAL MECHANISMS	Khan, Zahra
P-253	MULTIMODAL TREATMENT APPROACHES TO COMBINED TBI AND HEMORRHAGIC SHOCK ALTER POST-INJURY INFLAMMATORY RESPONSE	Wallen, Taylor
P-254	ANGIOGENESIS ASSESSMENT OF AN 8MM CRITICAL SIZE BONE DEFECT WITH IMPLANTATION OF A NOVEL SHAPE MEMORY POLYMER SCAFFOLD IN A SPRAGUE DAWLEY RAT MODEL	Macaitis, Joseph

**POSTER SESSION III**  
**TUESDAY, JUNE 7, 2022**  
**7:00 AM-9:30 AM**

Poster #	Title	Presenting Author
P-301	DIFFERENTIAL TRANSCRIPTION OF INFLAMMATORY MEDIATORS IN THE BLOOD OF INHALATION-INJURED SWINE	Kelly, Edward
P-302	MAPPING THE HYPERMETABOLIC RESPONSE TO BURN INJURY	Knuth, Carly
P-303	COMPLEMENT ACTIVATION IN PATIENTS WITH HEAT-RELATED ILLNESSES: SOLUBLE CD59 IS A NOVEL BIOMARKER INDICATING SEVERITY OF HEAT-RELATED ILLNESSES	Nakamura, Yuki
P-304	ETHANOL FEEDING IN MICE SIGNIFICANTLY DECREASES MIR-155 CARGO IN LIVER-DERIVED MATRIX-BOUND NANOVESICLES (MBV)	Alsaadi, Nijmeh
P-305	EXOSOME CARGO LABELING USING BIOTINYLATED PROTEIN TAGGING IN MOUSE EMBRYONIC FIBROBLAST	Mulla, Joud
P-306	PARTIAL RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA ALLOWS FOR TARGETING DISTAL MAP TO ALTER THE EXTENT OF ISCHEMIA-INDUCED ACUTE KIDNEY INJURY	Abel, Biebele
P-307	LYOPHILIZED PLATELETS AS AN ALTERNATIVE TO STANDARD LIQUID PLATELETS IN A VASCULAR GRAFT AND CORONARY ARTERY BYPASS GRAFT MODEL	Antebi, Ben
P-308	ELEVATIONS IN PLATELET CYCLIC AMP LEADS TO CHANGES IN NAD/NADH	Darlington, Daniel
P-309	SELF-READY LYPHOLIZED HUMAN PLATELETS CAN RESTORE HEMOSTASIS AND STOP BLEEDING AS WELL AS FRESH APHERESIS PLATELETS AS DEMONSTRATED WITH IN-VITRO AND IN-VIVO MODELLING	Dickerson, Matthew
P-310	RECOVERY OF ENDOTHELIOPATHY AT 24 HOURS IN AN ESTABLISHED MOUSE MODEL OF HEMORRHAGIC SHOCK AND TRAUMA	Miyazawa, Byron
P-311	NEUTROPHIL OXIDATIVE BURST CAPACITY AS AN INDICATOR OF PRO-INFLAMMATORY OUTCOMES FOLLOWING FREEZE-DRIED PLASMA RESUSCITATION FROM HEMORRHAGE	Morgan, Clifford
P-312	TRANEXAMIC ACID SUPPRESSES THE EXPRESSION OF PROINFLAMMATORY CYTOKINES INDEPENDENTLY OF ITS EFFECT ON PLASMINOGEN/PLASMIN	Rappold, Joseph
P-313	EFFECT OF ULINASTATIN COMBINED WITH CARBENOXOLONE ON HEMODYNAMICS DURING FLUID RESUSCITATION IN RABBITS WITH HEMORRHAGIC SHOCK	Xiao, Yang
P-314	PEDIATRIC PATIENTS WITH OBESITY AND SEPSIS ARE AT INCREASED RISK FOR COMPLICATED COURSE BUT NOT MORTALITY	Bodilly, Lauren

P-315	INVESTIGATING MECHANISMS OF NEUTROPHIL RECRUITMENT IN TRAINED IMMUNITY	Burelbach, Katherine
P-316	EXERCISE PROTECTS AGAINST ORGAN DAMAGE FROM TRAUMA/HEMORRHAGE IN MALE MICE	Darby, Jennifer
P-317	LIPOCALIN 10 DEFICIENCY EXACERBATES INFILTRATION OF PRO-INFLAMMATORY MACROPHAGES TO DIABETIC HEARTS VIA INHIBITION OF NR4A1 SIGNALLING	Fan, Guo-Chang
P-318	MICROBIAL EXPOSURE REDUCES SUSCEPTIBILITY TO UROPATHOGENIC E. COLI (UPEC)-INDUCED UROSEPSIS	Griffith, Thomas
P-319	CELL-SPECIFIC IMMUNOMODULATORY EFFECTS OF THE SNAKE VENOM-DERIVED THROMBIN-LIKE ENZYME ANCROD	Heimann, Laura
P-320	MONOCYTE ANISOCYTOSIS INCREASES DURING MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN	Irimia, Daniel
P-321	PREMATURE NEONATES HAVE ABERRANT MYELOID CELL TRANSCRIPTOMICS AND INTERACTOMICS THAT PERSIST UNTIL DISCHARGE	Kerr, Austin
P-322	RIPK3 RHIM SIGNALING DRIVES SEPTIC INFLAMMATION	Lyons, John
P-323	L-SELECTIN (CD62L) EXPRESSION SIGNIFICANTLY INCREASES ON CD4+ REGULATORY T CELLS (CD4+ TREGS) AND TH17 CELLS IN GERONTOLOGICAL PATIENTS FOLLOWING TRAUMA	Rieder, Sven
P-324	CHARACTERIZING IMMUNOPHENOTYPES IN CHRONIC CRITICAL ILLNESS	Vaysburg, Dennis
P-325	ETHANOL COMBINED WITH BURN INJURY INCREASES INTESTINE LIPOCALIN 2 AND LEAKINESS IN MYD88-DEPENDENT PATHWAY	Li, Xiaoling
P-326	COMPARING THE INTRACELLULAR SIGNALING OF CIRCULATING LEUKOCYTES IN TRAUMA VS. SEPSIS	Turnbull, Isaiah
P-327	APACHE II SCORE DISTINGUISHES BETWEEN EARLY DEATH AND PROLONGED ILLNESS IN SEPTIC, CRITICALLY ILL PATIENTS	Bonavia, Anthony
P-328	PREDICTING OUTCOMES IN CRITICALLY ILL PATIENT COHORTS USING ELISPOT	Caldwell, Charles
P-329	DISTINCT FUNCTIONAL NEUTROPHIL PHENOTYPES IN SEPSIS PATIENTS	Esperanza, Mika
P-330	FECAL PERITONITIS INDUCED SEPSIS IN OBESE MICE: NOT A SIMPLE STORY	Eng, Mikaela
P-331	TISSUE-SPECIFIC RESPONSES TO SEPSIS IN VISTA -/- NEONATES	Hensler, Emily
P-332	NOREPINEPHRINE ADMINISTRATION IS NOT ASSOCIATED WITH WORSE CARDIOVASCULAR COMPLICATIONS IN PATIENTS WITH SEPTIC SHOCK AND HISTORY OF HEART FAILURE	Holder, Andre
P-333	GENDER-RELATED VARIATIONS IN PATHOPHYSIOLOGICAL RESPONSES TO PNEUMONIA AND SEPSIS.	Homma, Kento
P-334	TLR9 SIGNALING IN FIBROBLASTIC RETICULAR CELLS CONTROLS THE RETENTION OF PERITONEAL RESIDENT MACROPHAGES DURING SEPSIS	Jayakumar, Preethi
P-335	HYDROCORTISONE ASCORBIC ACID & THIAMINE (HAT) THERAPY DECREASES RENAL OXIDATIVE STRESS AND ACUTE KIDNEY INJURY (AKI) IN MURINE SEPSIS	Kim, Jiyoun
P-336	LONGER ICU STAY IS NOT RELATED TO WORSE CARDIAC FUNCTION IN SEPSIS PATIENTS	Mankowski, Robert
P-337	UNDERSTANDING AND TARGETING CYTOKINE CHARGE DISPARITY FOR PRECISE IMMUNE MODULATION IN SEPSIS	Messina, Jennifer
P-338	EVALUATING TARGETED AND TIMELY IMMUNE-THERAPY TO REVERSE IMMUNOSUPPRESSION IN SEPSIS	Sengupta, Satarupa
P-339	PREEMPTIVE ACTIVATION OF PPAR $\alpha$ WORSENS EXPERIMENTAL SEPSIS-ASSOCIATED ACUTE KIDNEY INJURY	Standage, Stephen
P-340	CORRELATION OF ABA SEPSIS GUIDELINES TO SPECIFIC BACTERIAL SPECIES	Walters, Elliot

P-341	FEMALE UCP1 KNOCKOUT MICE HAVE INCREASED ORGAN INFLAMMATION DURING SEPSIS BUT OBESITY DAMPENS THIS EFFECT	Williamson, Lauren
P-342	AGE-DEPENDENT CARDIAC PROTECTION BY PHARMACOLOGICAL ACTIVATION OF BECLIN-1 DURING ENDOTOXEMIA AND ITS ASSOCIATION WITH ENERGY METABOLIC REPROGRAMMING IN MYOCARDIUM - A TARGETED METABOLICS STUDY	Zang, Qun
P-343	ANTI-AGING PROTEIN KLOTHO PROTECTS AGAINST CARDIAC DYSFUNCTION CAUSED BY SEPSIS IN OLD MICE	Zhai, Yufeng
P-344	EXOSOME CONCENTRATION INCREASES WHILE SIZE DECREASES WITH INCREASING TRAUMA SEVERITY IN MURINE TRAUMA MODELS	Alsaadi, Nijmeh
P-345	INVESTIGATING SYSTEMIC INFLAMMATORY AND STEM CELL RESPONSES AS NOVEL SCREENS TO IDENTIFY THE FRAILTY PHENOTYPE IN TRAUMA PATIENTS	Galiccia, Kevin
P-346	THE SURGERY TYPE OF GERIATRIC PROXIMAL FEMORAL FRACTURES HAS A PRONOUNCED INFLUENCE ON EXPRESSION OF CD44 AND CD62L ON CD4+ REGULATORY T CELLS	Wenner, Lisa-Sophia
P-347	CONCOMITANT INCREASE OF PLATELET ACTIVATION AND LOSS OF PLATELET FUNCTION IN POLYTRAUMA PATIENTS	Wirth, Franziska
P-348	TAU PEPTIDE BLUNTS ENDOTHELIAL-DEPENDENT VASODILATION AND VASOCONSTRICTS SMALL ARTERIES	Sidwell, Amanda
P-349	DECREASING THROMBIN-ANTITHROMBIN COMPLEX AS A PROGNOSTIC MARKER IN PATIENTS WITH SEPSIS-INDUCED DISSEMINATED INTRAVASCULAR COAGULATION DURING ANTITHROMBIN CONCENTRATE THERAPY: A PILOT OBSERVATIONAL STUDY	EGUCHI, YUTAKA
P-350	AMPHETAMINE USE MAY HAVE OCCULT ANTIPLATELET EFFECTS RELEVANT TO MANAGEMENT OF HEMORRHAGE	Grenn, Emily
P-351	CATECHOLAMINES PROTECT AND REPAIR HUMAN LUNG MICROVASCULAR ENDOTHELIAL CELLS FROM INFLAMMATION-INDUCED HYPER-PERMEABILITY IN VITRO	Koami, Hiroyuki
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