



All poster sessions take place in the Harborside Ballroom on level 4 of the hotel

Thursday, September 4 5:30 – 7:00 PM Poster Session 1 and Reception Includes the TAC Poster Competition This session is sponsored by <i>Hypertension</i>, an American Heart Association Journal	
Category	Poster numbers
<u>Aldosterone, Receptors and Signal Transduction</u>	101- 103
<u>Antihypertensive Drugs and Pharmacology</u>	104-112
<u>Blood Pressure Monitoring</u>	113-128
<u>BP Control and Adherence to Treatment</u>	129-148 (and 407)
<u>Cardiac Hypertrophy and Dysfunction</u>	149-155
<u>Chronic Kidney Disease, Nitric Oxide Endothelin and Other Endothelial Factors</u>	156-160
<u>Clinical Trials in Hypertension and Related Morbidities</u>	161-163
<u>Cognition, Cerebrovascular Disease and Stroke</u>	164-167
<u>Diabetes, Lipids, Obesity, Nutrition, Insulin Resistance and Metabolic Syndrome</u>	168-177
<u>Gender Differences and Sex Hormones</u>	178-182
<u>Genetics, Epigenetics and Epidemiology</u>	183-197
<u>Hypertension and Aging</u>	198-219 (and 541)
<u>Microbiome, Infection and Hypertension</u>	220-221
<u>Neurogenic Mechanisms</u>	222-224
<u>Non-Pharmacological Therapy (Alternative Medicine; Diet; Physical Activity)</u>	225-230
<u>Oxidative Stress, Inflammation, Immunity and Cytokines</u>	231-243
<u>Patient-Provider-Healthcare System Issues</u>	244-253
<u>Pediatric and Adolescent Hypertension</u>	254-260
<u>Pregnancy, Preeclampsia and Developmental Programming</u>	261-273
<u>Renal Hemodynamics, Tubular Transport, Salt, Renovascular Hypertension</u>	274-278
<u>Renin-Angiotensin System</u>	279-284
<u>Resistant Hypertension</u>	285-290
<u>Vascular Biology, Remodeling, Dysfunction, Stiffness</u>	292-303

Friday, September 5
9:00 – 10:30 AM
Poster Session 2 with breakfast reception

Category	Poster Numbers
<u>Clinical Case Study Abstracts</u>	400-415
<u>Aldosterone, Receptors and Signal Transduction</u>	416-420
<u>Antihypertensive Drugs and Pharmacology</u>	421-432
<u>Blood Pressure Monitoring</u>	433-459
<u>BP Control and Adherence to Treatment</u>	460-478
<u>Cardiac Hypertrophy and Dysfunction</u>	479-488
<u>Chronic Kidney Disease, Nitric Oxide Endothelin and Other Endothelial Factors</u>	489-492
<u>Clinical Trials in Hypertension and Related Morbidities</u>	493-499
<u>Cognition, Cerebrovascular Disease and Stroke</u>	500-502
<u>Diabetes, Lipids, Obesity, Nutrition, Insulin Resistance and Metabolic Syndrome</u>	503-514
<u>Gender Differences and Sex Hormones</u>	515-516
<u>Genetics, Epigenetics and Epidemiology</u>	517-526
<u>Hypertension and Aging</u>	527-542
<u>Microbiome, Infection and Hypertension</u>	543-547
<u>Neurogenic Mechanisms</u>	548-553
<u>Non-Pharmacological Therapy (Alternative Medicine; Diet; Physical Activity)</u>	554-559
<u>Oxidative Stress, Inflammation, Immunity and Cytokines</u>	560-568
<u>Patient-Provider-Healthcare System Issues</u>	569-573
<u>Pediatric and Adolescent Hypertension</u>	574-579
<u>Pregnancy, Preeclampsia and Developmental Programming</u>	580-584
<u>Proteomics and Metabolomics</u>	585
<u>Renal Hemodynamics, Tubular Transport, Salt, Renovascular Hypertension</u>	586-589
<u>Renin-Angiotensin System</u>	590-597 and 283
<u>Resistant Hypertension</u>	598-606
<u>Vascular Biology, Remodeling, Dysfunction, Stiffness</u>	607-614

Poster Session 1

(Board Numbers beginning with TAC are participating in the Trainee Advocacy Committee poster competition)

Aldosterone, Receptors and Signal Transduction

TAC101

High Phosphate Induces Ligand-Independent Mineralocorticoid and Toll-Like Receptor 4 Signaling in Aortic Valve Interstitial Cells, Driving Key Mechanisms of Aortic Stenosis

Tania Sanchez-Bayuela

TH102

Aldosterone Signaling Beyond the Kidney: A Systematic Review of Extrarenal Effects

Vyom Patel

TH103

Efficacy and Safety of Lorundrostat in Uncontrolled Hypertension: A Pooled Analysis of Randomized Controlled Trials

Muhammad Sabri

Antihypertensive Drugs and Pharmacology

TAC104

Effect of Magnesium supplementation on blood pressure: A systematic review and meta-analysis of randomized controlled trials

Buna Bhandari Bhattarai

TAC105

High Salt Intake Enhances the REVERSIR-Induced Recovery of Blood Pressure after Angiotensinogen siRNA Treatment

Edwyn Omar Cruz-Lopez

TAC106

Pharmacokinetic Interactions Between Beta Blockers and CYP2D6 Inhibiting Antidepressants (Selective Serotonin Reuptake Inhibitors, Duloxetine and Bupropion) : A Systematic Review and Meta Analysis

Inshal Jawed

TAC107

Kinin B1 Receptor Antagonism Attenuates High Blood Pressure in Genetically Hypertensive Mice

Alexandra Johnston

TAC108

Comparative Effectiveness Of Mineralocorticoid Receptor Antagonists And Thiazide Diuretics In Essential Hypertension Without Heart Failure: A Retrospective Cohort Study

Nimra Klair

TAC109

Effects of Antihypertensive Class on Orthostatic Changes Differ by Body Position, Initial Blood Pressure, and Treatment Duration: Secondary Analysis of the Treatment of Mild Hypertension Study (TOMHS)

Esther Liu

TAC110

Timing of Antihypertensive Medications and Cardiovascular Outcomes: An Updated Meta-Analysis of Randomized Controlled Trials

Trishita Paul

TAC111

Role of Sodium Glucose Co-transporter-2 Inhibitors in Hypertension- A Real World Study in Patients Without Diabetes or Heart Failure

Muhammad Sabri

TAC112

Differential Efficacy of Amiloride and Spironolactone in Resistant Hypertension: A Subgroup Analysis Based on Smoking Status, Body Mass Index, and Aldosterone-Renin Ratio

Rakesh Kumar Shah

Blood Pressure Monitoring

TAC113

Characteristics of Patients with Hypertension in the United States Ambulatory Population: An Analysis of the 2022 National Ambulatory Medical Care Survey Dataset

Abraham Carboo

TAC114

Association of Antihypertensive Medications with Orthostatic Hypotension among Very Old Adults: Findings from the ARIC Study

Md Marufuzzaman Khan

TAC115

Utilization and Cost Trends in Remote Patient Monitoring for Hypertension in the United States (2020-2022)

Ian M Kronish

TAC116

Blood Pressure Trends Across Human Spaceflight Missions

Ryung Lee

TAC117

Evaluating Wearable Cuffless Devices for Nocturnal Hypertension: Accuracy and Usability

Kartikeya Ojha

TAC118

Restructuring a Treat-To-Target Program In a Primary Care Setting To Improve Blood Pressure Control

Jerel Phillips

TAC119

Artificial Intelligence-Enhanced Diagnosis of HFpEF in Hypertensive Populations: A Meta-Analysis of Clinical and Imaging-Based Models

Ashish Sharma

TAC120

Prevalence and Correlates of White Coat and Masked Hypertension in Older Adults: The Atherosclerosis Risk in Communities Study

Frances M. Wang

TH121

Evaluating the Performance of AI-Driven photoplethysmography (PPG) Models for Cuffless Blood Pressure Monitoring: A Meta-Analysis

Parth Adrejiya

TH122

Prevalence and Associated Risk Factors of Hypertension in Urban and Rural Communities of Sub-Saharan Africa.

Ahmed Attia

TH123

Comparison Of The Values Of Ambulatory Blood Pressure Against Home Blood Pressure On The Prediction Of Vascular Outcomes: a Systematic Review And Network Meta-analysis

Shao-Yu Fang

TH124

Association Between High-Sensitivity Troponin Levels and Hypertension

Ahmad Karzoun

TH125

Nurse support for remote monitoring of hypertension reduces burden on primary care physicians and increased responsiveness to alerts

Pranava Mallu

TH126

Impact of Food Insecurity and Patient Portal Registration on Engagement in a Hypertension Telehealth Clinic

Pooja Singh

TH127

Detecting Potential Threshold Bias in Recorded Blood Pressure in Clinical Practice and Research: A study of 7 International Datasets

Kathryn Foti

TH128

Home Blood Pressure Monitoring in Subspecialty Clinics: A Needs Assessment

Lisa Dubrofsky

BP Control and Adherence to Treatment

TAC129

Antihypertensive Medication Prescription Patterns at Baseline in the LINKED-HEARTS Program: A Comparative Analysis with American Heart Association Guidelines

Nana Ofori Adomako

TAC130

Comparison and Population Impact of Guideline Blood Pressure Targets for Diabetes in South Korea

Na Yeon Ahn

TAC131

Healthcare Access and Hypertension Cascade in Reproductive-Aged Women: Findings from the SAFE HEART Study

Kwabena Dankwa

TAC132

Racial/Ethnic Disparities in Life's Essential 8 Outcomes Among Women of Reproductive Age in Baltimore and Washington D.C.

Feodora Etelier

TAC133

Hypertension Treatment and Control in a Semi-Urban Community in Southern Nigeria: Implications for Scalable Community-Based Interventions in Low-Resource Settings

Monica Gbuechie

TAC134

Impact of Mediterranean Diet on Hypertension in Patients with High Cardiovascular disease Risk: A Systematic Review & Meta-Analysis of Randomized Controlled Trials

Madiha Kiyani

TAC135

Joint Associations Between Polysocial and Psychological Risks and Hypertension in Women of Reproductive Age: Findings from the SAFE HEART Study

Faith Elise Metlock

TAC136

Sociodemographic Influences on Hypertension Prevalence Across New York Counties: A Multivariate Regression Analysis

Vishakha Modak

TAC137

Prevalence of Hypertension, Barriers to Care and Effectiveness of a Multi-strategic Approach in Improving Hypertension Management and Control in Rural and Conflict-affected Communities in Cameroon

Mundih NJOHJAM

TAC138

Impact of Intensive Blood Pressure Control on Clinical Outcomes in Patients with Diabetes: A Meta-Analysis of Randomized Controlled Trials

Olubunmi Ogunmola

TAC139

Understanding Hypertension Awareness, Treatment and Control in Young Adults: an Australian Perspective

Ritu Trivedi

TH140

Cardiac Rehabilitation In a Safety Net Population - Effects on Hypertension Management

Morgan Burke

TH141

Long-Term Cardiovascular and Mortality Risk Associated With Blood Pressure 130-139/80-89 mmHg

Chenliang Ge

TH142

Posterior Reversible Encephalopathy Syndrome: A Diagnostic Challenge and the Critical Role of Blood Pressure Control

Leosbel Hurtado

TH143

One Click Away: Empowering Primary Care for Hypertension Control Through Digital Health

Lekha Karthikeyan

TH144

Single-Pill vs Multi-Pill Antihypertensive Therapy: A Systematic Review of Adherence and Outcomes

Zaraq Khan

TH145

Renin–Angiotensin System Blockade in Non-Hypertensive Diseases: A Systematic Review of Cardiorenal Outcomes

Vyom Patel

TH146

Gaps in Hypertension Management within Populations Experiencing Food Insecurity

Tina Ting

TH147

Perceived versus Actual Cardiovascular Health Risk among Women of Reproductive Age: SAFE HEART Women Study

Ketum Ateh Stanislas

TH148

Association of Blood Pressure Control with Distance to Parameters of Social Determinants of Health

Anum Zehra

FR407

The Cost of Medication Non-Adherence: Malignant Hypertension-Induced Thrombotic Microangiopathy Resulting in Acute Renal Failure in Young Female

John Joyce

Cardiac Hypertrophy and Dysfunction

TAC149

Impact of Hypertension on Adverse Outcomes in Hypertrophic Obstructive Cardiomyopathy: A National Inpatient Analysis

Sana Ahmed

TAC150

Regional and Sex-Specific Trends of Cardiomyopathy and Myocarditis in Africa from 1990-2019

JOHANN ALEXANDRE CHAFA EDJIMBI

TAC151

Midodrine Under Pressure; Managing Hypotension In Heart Failure With Reduced Ejection Fraction: Real-World Propensity Matched Data Reveals Conflicting Signals In Long-Term Risk

Rayan Salih

TH152

Molecular Pathways of Cardiac Fibrosis in Hypertension: A Systematic Review of Mechanisms and Therapeutic Implications

Zaraq Khan

TH153

Mortality Trends in Hypertensive Heart Disease Versus Hypertensive Renal Disease: A Population-Based Analysis Using the CDC WONDER Database

Muhammad Sabri

TH154

Restrictive Filling Pattern in Diastolic Dysfunction: Differentiating Hypertensive Heart Disease from Restrictive Cardiomyopathy Using Transthoracic Echocardiogram

Josephine Ria Pitasari

TH155

Hypertrophic Cardiomyopathy–Related Mortality in the United States: A 22-Year Epidemiologic Analysis of National Trends and Disparities (1999–2020)

Perisa Ashar

Chronic Kidney Disease, Nitric Oxide Endothelin and Other Endothelial Factors

TAC156

Inhibition Of Macrophage Activation By Indole-3-acetic acid, a Metabolite Produced By The Gut Microbiota

Sreelakshmi Menon

TAC157

NGAL play a key role in the development of heart failure via fibrosis and inflammation pathway in rat chronic kidney failure model

Matthieu SOULIE

TH158

Nitric Oxide Therapies in Hypertensive Chronic Kidney Disease: A Systematic Review of Efficacy and Mechanisms

Zaraq Khan

TH159

Rising Mortality from Chronic Kidney Disease in the United States: A 22-Year National Analysis of Trends and Disparities (1999–2020)

Perisa Ashar

TH160

Hypertensive Emergencies Among End-Stage Renal Disease Patients and Predictors of All-Cause 30-Day Readmissions

Kamleshun Ramphul

Clinical Trials in Hypertension and Related Morbidities

TAC161

Intensive Blood Pressure Control Reduces Subclinical Cardiac Injury among Adults with Orthostatic Hypotension or Orthostatic Hypertension: Secondary Analysis of the Systolic Blood Pressure Intervention Trial (SPRINT)

Shreyas Rajesh

TH162

Worsening Diastolic Hypertension during the COVID-19 Pandemic

Issaree Bunyawannukul

TH163

Persistence of Blood Pressure Reduction Following Renal Denervation Across Short, Medium, and Long Term Follow-Up

Mohammad Javad Namazi

Cognition, Cerebrovascular Disease and Stroke

TAC 164

High Blood Pressure is Associated with Glymphatic System Disruption Measured by DTI-ALPS Index in Healthy Young Adults

Junyeon Won

TAC165

Nighttime Blood Pressure and Intracranial Atherosclerotic Stenosis: Dose-Response Associations With Atherosclerotic Burden and Symptomatic Status

Huanyu Zhou

TH166

Hypertension-associated metabolic reprogramming in the cerebral cortex and the possible role of neuron-expressing AT1R

Jiaxi Xu

TH167

Soluble Epoxide Hydrolase Inhibition Improves Cerebrovascular Dysfunction And Cognitive Impairments In Aged Diabetic Rats Without Normalizing Blood Glucose

Xing Fang

Diabetes, Lipids, Obesity, Nutrition, Insulin Resistance and Metabolic Syndrome

TAC168

Demographic and socio-economic differences in the co-occurrence of Obesity and Chronic Kidney Disease – A Population-Based Study

Komal Arora

TAC169

Burden of Type 2 Diabetes with Comorbid Hypertension in the United States: Rising Mortality and Demographic Disparities, 2000–2020

Perisa Ashar

TAC170

Demographic and Regional Trends of Mortality in Patients with Obesity and Hypertension in the United States from 1999 to 2020: A CDC WONDER Analysis

Zainab Humayun

TAC171

Sex-Specific Mitochondrial Metabolic Signatures in Type 2 Diabetic Kidney Disease

Vita Shyshenko

TH172

Forecasting Mortality Trends from Obstructive Sleep Apnea and Hypertension in Older Adults in the United States (1999–2035): A Machine Learning Approach

Syeda Beenish Bareeqa

TH173

A Study on Prevalence of Cardiovascular risk factors among patients with Psoriasis of a tertiary care teaching hospital

Jahnavi Mikkilineni

TH174

Efficacy and Safety of PCSK9 Inhibitors versus Bempedoic Acid in Reducing LDL and Cardiovascular Risk in Patients with Dyslipidemia: a Systematic Review of Randomized Controlled Trials.

RAM Vivek Ramamoorthy

TH175

Contribution of Early-Life Obesity to Cavernosal and Pudendal Artery Dysfunction in Young Adult Rats Mediated by Secretin GPCRs and Senescence Pathways: Functional and Transcriptomic Insights

Tiago Tomazini Goncalves

TH176

Olfactory Receptor 2 Mediated Vascular Dysfunction in Diabetic Mouse Aorta

Diana Silva-Velasco

TH177

Cardiac RAS/SIRT1 Modulation by Pioglitazone and Canagliflozin Protects Against Diabetic Cardiomyopathy

Purab sood

Gender Differences and Sex Hormones

TAC178

T cells activated by IsoLG-adducts display variable organ distribution depending on sex in Hypertension

Marwa Abd-Eldayem

TAC179

Ovarian Hormones Do Not Account For Maintained Diurnal Sodium Handling In Female Bmal1 KO rats

Maria Venegas

TH180

Sex Hormone Modulation in Hypertension: A Systematic Review of Blood Pressure Effects

Vyom Patel

TH181

Estrogen Loss and Sleep Restriction Disrupt Blood Pressure Rhythms and Vascular Function

Bruna Visniauskas

TH182

Incidence Trends of Primary Cardiac Sarcomas in the United States: A SEER-Based Analysis from 2000 to 2021

Josephine Ria Pitasari

Genetics, Epigenetics and Epidemiology

TAC183

Long Noncoding RNA CASC15 Drives Angiogenesis Impairment in Ang-II-Induced Endothelial Dysfunction

Wartley Rosa Cunha

TAC184

Allele-Specific Regulation of Endothelial Gene Expression and Apoptosis by the Blood Pressure-associated SNP rs217727

Rajan Pandey

TH185

Silent Surge: Hypertensive Disease Mortality Trends From 1999-2020 in Women Based on U.S. Death Records

Mohammad Abubaker

TH186

The Vicious Cycle: Hypertension Amplifies Liver Disease Mortality in the United States (1999–2020).

Adan Irfan

TH187

Brain Under Pressure: Hypertension as a Hidden Contributor to Neurodegenerative Disease Mortality in the U.S. (1999–2020)

Adan Irfan

TH188

Comparative Analysis of Hypertension-Associated Cancer Mortality Trends: Urinary Tract Versus All Cancers Using CDC WONDER and ARIMA Modeling (1999–2030)

Muhammad Sabri

TH189

Could Aircraft Noise Be the Silent Cause of Hypertension? Evidence from a Meta-Analysis of 6.2 Million Individuals

Sneha Annie Sebastian

TH190

Ethnic Disparities in All-Cause and Cardiovascular Mortality Among Hypertensive Patients: Findings from a Multi-Ethnic Cohort Study in China

YU XIA

TH191

Association of the urinary sodium-to-potassium ratio with blood pressure is influenced by the polygenic risk score for hypertension: Analysis of UK Biobank data

Wataru Fujii

TH192

CTCF and Cohesin Mediated Endothelial Cell-specific Chromatin Organization and Transcriptional Control at Loci Harboring Blood Pressure-Associated Genetic Variants

Atrayee Ray

TH193

Effects of moderate to vigorous intensity exercise on inflammatory and metabolic markers among healthy South Asian and white European men.

Shiva Hooshmandi

TH194

Demographic and Socioeconomic Disparities in the Co-Occurrence of Hypertension and Depression – A Population-Based Study

Komal Arora

TH195

Trends in Hypertension-Associated Neoplasm Mortality Before and During the COVID-19 Era in the United States: A Population-Based Analysis, 2018–2023

Mahir Modi

TH196

Three Decades of Change in Heart Failure Due to Hypertensive Renal Disease in the U.S.: Prevalence, Disability, and Disparities from 1990 to 2021

Nancy Vora

TH197

Epigenetic Modifications in Hypertension: A Systematic Review Highlighting Risk in Individuals with a Family History of Stroke

Kartikeya Ojha

Hypertension and Aging

TAC198

Hypertensive heart disease phenotype in male and female Schlager mice

Devika Sunil

TAC199

Cavernosal and Pudendal Dysfunction in Schlager Hypertensive (BPH/2J) Mice: Impaired α 1-Adrenergic Contraction, Endothelium-Dependent Relaxation, and Piezo1 Channel Function

Raiana dos Anjos Moraes

TAC200

Negative Affective Responsivity to Daily Stressors and Beat-to-Beat Blood Pressure Variability in Normotensive Young Adults

Madison Evering

TAC201

Socioeconomic and Clinical Predictors of Heart Disease Risk Knowledge among Older African Americans in the EnGAGE with Heart Study

Thomas Hinneh

TAC202

Hypertensive Emergency Hospitalizations and Mortality Trends Among Hispanic and Black Populations in the U.S. (2005–2022): An Integrated Analysis of CDC WONDER and National Inpatient Data

Kumar

Harendra

TAC203 Estradiol Fails to Protect the Kidney and Vasculature When Hypertension Precedes Menopause

Ana Paula O. Leite

TAC204

The Negative Impact of a Comorbidity of Excess Dietary Salt and Increased Blood Pressure Variability on Cardiovascular and Neurovascular Outcomes

Perenkita Jessica Mendiola

TAC205

CX3CL1 Mediates ADAM17 Upregulation and Microglia Activation in Salt-Sensitive Hypertension

Uma Priya Mohan

TAC206

Long-Term Effects of Hypertension on Vascular Health and Brain Plasticity

Chase Richard

TAC207

Hypertension-Driven Bone Loss and Immune Activation in an Aging Mice: Pharmacologic Prevention

Luis Miguel Rivera Medina

FR541

High Fiber Diet Attenuates Established Age-Dependent Gut Microbiota Dysbiosis, Hypertension, and Impaired Renal Sodium Handling

Xiangyu Zheng

TH208

Evaluating The Accuracy Of Cuffless Devices In Ambulatory Blood Pressure Monitoring: A Systematic Review And Meta-Analysis

Aditi K. Bhanushali

TH209

The Effect of Time-Restricted Feeding in Age-Induced Renal Inflammation in Aged Mice on a High Salt Diet

Gene R Crislip

TH210

Supine Hypertension is Associated with Cardiovascular Disease and Mortality in the Absence of Seated Hypertension: Results from the Cardiovascular Health Study

Benjamin Grobman

TH211

Geographic and Demographic Disparities and Trends in Hypertension and Sleep Disorder Related Mortality in United States Adults Aged 25 Years and Older From 1999 to 2020

Zainab Humayun

TH212

Long Term Trends and Demographic Disparities in Cardiac Arrest and Hypertension Mortality in the United States from 1999 to 2020: A CDC WONDER database analysis

Zainab Humayun

TH213

Organ Damage and Physical Decline in Pre-Frail Older Adults with Hypertension and Chronic Kidney Disease

Pasquale Mone

TH214

Associations between 24-hour Blood Pressure Variability Measures and Orthostatic Blood Pressure Changes

Dhrumil Patil

TH215

Association Between Supine Blood Pressure and Risk of Cardiovascular Disease and Mortality; a Systematic Review and Meta-analysis.

Abhigan Babu Shrestha

TH216

Disparities in Heart Disease Mortality Along the U.S.-Mexico Border (2011–2018): A CDC WONDER Analysis with Implications for Hypertension Equity

Angad Tiwari

TH217

Propionate Attenuates Hypertensive Cardiovascular Damage During Aging

Milena Hahn

TH218

Effect Modification of Age and Sex in the Association between Depression and Coronary Heart Disease: National Health and Nutrition Examination Survey 1999-2023

Samuel Gledhill

TH219

Hypertension and Cognitive Decline: A Systematic Review of Epidemiological Links and Intervention Outcomes

Zaraq Khan

Microbiome, Infection and Hypertension

TAC220

Effect of Hesperidin Intake on Blood Pressure and Gut Microbiota Composition in 2-Kidney, 1-Clip Renovascular Hypertensive Rats

Ayaka Harui

TAC221

Hypertension and Its Influence on Cardiovascular Health in HIV: Insights from a Real-World Study

Shaival Sharma

Neurogenic Mechanisms

TAC222

DOCA-Salt Increases Perineuronal net Deposition in the Paraventricular Nucleus of the Hypothalamus in Male Mice

Ismay Blanco

TAC223

Continuous Positive Airway Pressure Acutely Reduces Supine Blood Pressure and Atrial Natriuretic Peptide in Autonomic Failure Patients with Supine Hypertension

David Moloney

TH224

Long COVID-19 Postural Orthostatic Tachycardia Syndrome Patients Exhibit Hypovolemia at Severity Levels Similar to Primary Postural Orthostatic Tachycardia Syndrome Patients

Pouya Ejtemaei Mehr

Non-Pharmacological Therapy (Alternative Medicine; Diet; Physical Activity)

TAC225

Ketone supplementation ameliorates high dietary salt-induced tumor necrosis factor- α secretion but not phenotypic shifts in myeloid cells in apparently healthy adults

Braxton Linder

TAC226

Clinical Impact and Cost-Effectiveness of Potassium-Enriched, Sodium-Reduced Salt Substitutes in Hypertension: A Meta-Analysis of Randomized Controlled Trials

Sneha Annie Sebastian

TAC227

The Effect of Umami Components, Glutamate and Aspartate on Blood Pressure in Normotensive and 2-kidney, 1-clip Renovascular Hypertensive Rats

Yukiko Segawa

TAC228

Trends in Salt Substitute Use Among US Adults, 2003–2020

YINYING WEI

TH229

Assessing medical resident knowledge of isometric handgrip training for hypertension control before and after review of a brief medical education packet

JiCi Wang

TH230

A Young Woman, High BP, and a Surprising Cause in Her Water Bottle.

Maryam Munir

Oxidative Stress, Inflammation, Immunity and Cytokines

TAC231

The immune ET-1/ETA receptor axis modulates blood pressure responses and renal function in males, but not females.

Abigail J Brooks

TAC232

CD4+ T Cell Presence Correlates with Disease in Human Kidney Tissue

Emily C Burns-Ray

TAC233

Artesunate, An Anti-Malarial Drug, Improves Vascular Function And Reduces Vasculitis In A Mouse Model Of Kawasaki Disease

Sanjana Reddy Chada

TAC234

Gut Metabolite Urolithin A attenuates Pyroptosis and Kidney Injury in a Swine Model of Fecal Peritonitis

Julia Estibaliz de la Cruz Conty

TAC235

Time restricted feeding reduces granzyme B expressing CD8+ T cells in kidneys of obese mice

Claudia Edell

TAC236

NLRP3 inflammasome inhibitor attenuates autoimmune mediated hypertension in female mice

Noelle Irene Frambes

TAC237

Single-Cell Metabolic Profiling of Th17 Cells in Hypertension

Elizabeth Hulsey

TAC238

Predicting Peptide-Human Leukocyte Antigen and Isolevuglandin Immunogenicity in Hypertension Using Structure-based Deep Learning

Kuniko Hunter

TAC239

Deficiency in the Duffy Antigen Receptor for Chemokines Operates a Switch in the Mechanisms of Hypertension in a Mouse Model of HIV

Beryl Nasambu Khakina

TAC240

Antigen Presenting Cell-Specific Keap1-Nrf2 Pathway Mediates Salt-Sensitive Hypertension

Mohd Mabood Khan

TAC241

Renin-Angiotensin System Deficiency Induces Tertiary Lymphoid Tissue Formation and Promotes Inflammation-Driven Fibrosis in the Kidney

Daisuke Matsuoka

TAC242

Kinin B1 Receptor as the Activation Signal in TLR4 Primed NLRP3 Inflammasome Activation

Drew Theobald

TAC243

MODULATION OF TLR9-MEDIATED INFLAMMATION IN MACROPHAGES AS A THERAPEUTIC APPROACH FOR ERECTILE DYSFUNCTION IN OBESITY

Cintia Vieira dos Santos

Patient-Provider-Healthcare System Issues

TAC244

Identifying Gaps in Hypertension Training Across Canadian Health Professions: A National Survey

Sachin Vidur Vidur Pasricha

TAC245

Adherence to Antihypertensive Medication Varies by Insurance Status in US Adults: The Behavior Risk Factor Surveillance System (BRFSS) Study (2019-2023)

Javier Alejandro Jurado Velez

TAC246

Trends in Untreated Elevated Blood Pressure in Routine Clinical Practice, 2014-2024: a Nationwide Study

Jay B Lusk

TAC247

Retrospective Analysis of Resource Utilization and Outcomes Among Emergency Department Patients Presenting with Markedly Elevated Systolic Blood Pressure

Jigar Patel

TAC248

Impact of Teaching Hospital Status on Mortality and Outcomes in Hypertensive Emergencies: A Nationwide Analysis (2016–2021)

Jeffrey Afrah Sackey

TAC249

When Minutes Matter the Most: Temporal Trends for Hypertensive Urgency

Navneet Sandhu

TH250

Assessment of Knowledge, Attitudes, and Practices of Primary Healthcare Physicians in Provinces of Armenia Towards Hypertension Management: A Cross-sectional Study

Ania Baghoomian

TH251

Task-Sharing For Cardiovascular Disease Management In Nepal: Feasible But Systematically Challenging

Maryam Hameed Khan

TH252

Impact of a Curriculum on Outpatient Management of Hypertensive Urgencies at a VA Primary Care Clinic

Natalie Kolba

TH253

A Preliminary Analysis of the Barriers and Enablers to Blood Pressure Measurement in Clinical Practice: Perspectives of Primary Care Doctors, Nurses and Community Pharmacists

Ritu Trivedi

Pediatric and Adolescent Hypertension

TAC254

Estimating Resting Metabolic Rate in Youth with Obesity and Elevated Blood Pressure

Jafar-I Moore

TH255

Association of MASLD by ICD-10 Codes with Baseline Antihypertensive Medication Prescription, Echocardiograms, and Dietitian Referrals in Youth with Hypertension Disorders: A SUPERHERO Analysis

Maggie Murphy

TH256

Blood Pressure Indices as Determinants of Nocturia Severity in Adolescents

Tasmia Promi

TH257

Pediatric Renovascular Hypertension: Patient and Family Perceptions of Diagnosis, Treatment, and Health-Related Quality of Life

Eden Singh

TH258

Body Mass Index and Systolic Blood Pressure in a Pediatric Population: Odds Ratio of Hypertension from Philadelphia-area Screenings

Patrick Faherty

TH259

Association of Asthma Diagnosis with Baseline Blood Pressure Severity, Target Organ Injury, and Cardiovascular Health in Youth with Hypertension Disorders: A SUPERHERO Analysis

Maggie Murphy

TH260

Early Life Stress is Associated with Increased Diastolic Blood Pressure in Adolescents

Samantha Martin

Pregnancy, Preeclampsia and Developmental Programming

TAC261

Perinatal AT1-AA Causes First Generation Pregnant Female Offspring to Develop a PE Phenotype

Nathan Campbell

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