

Eastern Regional Meeting Abstracts Subject Index

A

- Abdominal aortic aneurysm (AAA), assessment of screening, by utilizing cardiac telemetry units, P11
- Acute pancreatitis, association of systemic lupus erythematosus with clinical outcomes among, MP1
- Adipocyte exosomal miRNA, role of, in regulating A549 lung epithelial gene expression, 12
- Adipose tissue inflammation, vitamin D administration improves hepatic insulin sensitivity and, in obese, insulin resistant humans, 23
- Adolescents, spatial distribution of, with sexually transmitted infections diagnosed in pediatric emergency departments, MP5
- Airway epithelium, association of mitotic asynchrony with pro-inflammatory state in, 15
- A549 lung epithelial gene expression, regulation of, by adipocyte exosomal miRNA, 12
- Anoxic tolerance, effect of glucose and alternative sugars and sugar alcohols on, of peripheral nerve, 7
- Antirheumatic drugs, effect of, on cholesterol efflux protein expression in THP-1 human macrophages, 14
- Appendicitis, racial disparities in narcotic administration among pediatric patients with, in emergency departments, 5
- Artificial intelligence, mortality prediction performance and optimization of, for cardiovascular risk, 2
- Asthma control, association of, with neck circumference in obese youth, MP4
- Asthma exacerbations
asthma specialty clinics for inner-city children admitted for, P3
impact of obesity on clinical outcomes in inner-city children hospitalized for, 6
management of, in children and adolescents, P1

B

- Body composition, association of genetic variants with, and physical activity in a pediatric African American cohort, MP7
- Bone phenotypes, association of genetic variants with type 2 diabetes and, 27
- Bootcamp 2.0, assessment of, to improve the lives of Iraq and Afghanistan veterans, P16
- BRCA mutations, association of XPC and RAD51 gene changes in breast cancer patients with, MP11
- Breast cancer, association of XPC and RAD51 gene changes in, patients with BRCA mutations, MP11
- Bronchial epithelium, directional immune response and polarity of viral-induced thymic stromal lymphopoietin secretion in human, 9

C

- Calcium intake, effect of, on obesity phenotypes in African American children possessing risk alleles for development of type 2 diabetes, MP8

- Cardiac MRI, evaluation of cardiac function and predict outcomes using, in patients with valvular heart disease, P5
- Cardiovascular risk, mortality prediction performance and optimization of artificial intelligence for, 2
- Chlamydia trachomatis, sensitivity and specificity of empiric antibiotics for, in pediatric emergency department, 4
- Cholesterol efflux protein expression, effect of antirheumatic drugs on, in THP-1 human macrophages, 14
- Chronic rhinosinusitis (CRS), secretome of fibroblast analysis isolated from pediatric patients with, P4
- Clinical decision support, integration of concussion diagnostic tool and management plan into electronic health record as, P9
- Colorectal cancer, recording family history in patients with, P12
- Concussion diagnostic tool and management plan, integration of, into electronic health record as clinical decision support, P9
- CREB-binding protein (CBP), regulation of, by SCF E3 ligase through histone acetylation and cytokine release, 13
- Crohn's disease, accuracy of recall of bowel symptoms in patients with, P7
- c-Src kinase, effect of serum starvation on E-cadherin expression through activation of, in lung epithelial cells, MP3
- Cutaneous metastasis, of prostate cancer, MP6

E

- E-cadherin expression, effect of serum starvation on, through activation of c-Src in lung epithelial cells, MP3
- Eccrine carcinoma, natural history and treatment response in, P15
- Electronic health record (EHR), integration of concussion diagnostic tool and management plan into, as clinical decision support, P9
- Empiric antibiotics, sensitivity and specificity of, for sexually transmitted infections in pediatric emergency department, 4
- Endogenous glucose production (EGP), regulation of, by KATP channels by hyperglycemia, 18
- Epithelial-mesenchymal cross talk, 22
- Esophageal cancer cells, FBXL19-mediated Rac3 ubiquitination and degradation in, MP9

F

- FANCD2 gene mutation, association of Werner gene and, with ovarian cancer prognosis, MP10
- FBXL19, role of, in Rac3 ubiquitination and degradation of esophageal cancer cells, MP9

G

- Gastroenteritis, plasma cell myeloma presenting as, P17
- Genetic variants
association of, with body composition and physical activity in a pediatric African American cohort, MP7

- association of, with type 2 diabetes and bone phenotypes in young African Americans, 27
- Glucocorticoids, interaction of vitamin D and, to reduce ubiquitin C in asthmatic airway epithelium, 21
- Glucose, effect of, and alternative sugars and sugar alcohols, on anoxic tolerance of peripheral nerve, 7

H

- Heart failure, effect of staff education on performance improvement in patient assessment and education with, 1
- Hematopoietic progenitor cell transplant, utility of immature platelet count in monitoring thrombopoietic activity in pediatric oncology and, P10
- Hodgkin's lymphoma, relationship between multiple myeloma and, 3
- Homocysteine (HYC), metabolomic analysis of post PFO closure effect on, MP13
- Human metapneumovirus (HMPV), association of, with severe respiratory disease in premature children, MP2
- Hyperglycemia, effect of KATP channels on regulation of endogenous glucose production by, 18

I

- Immature platelet count (IPC), utility of, in monitoring thrombopoietic activity in pediatric oncology and hematopoietic progenitor cell transplant patients, P10
- Inner-city children
at asthma specialty clinics for asthma exacerbations, P3
impact of obesity on clinical outcomes in, hospitalized for asthma exacerbation, 6
- Insulin sensitivity, vitamin D administration improves hepatic, and adipose tissue inflammation in obese, insulin resistant humans, 23
- Interleukin-33, association of, and serum soluble ST2 with pro-inflammatory cytokines, 11

K

- KATP channels, role of, in regulation of endogenous glucose production by hyperglycemia, 18

L

- Lipid accumulation, impact of lupus plasma on, in THP-1 human macrophages, 24
- Liver transplant, association of primary payer status with mortality and resource utilization among recipients of, 8
- Lupus plasma, impact of, on lipid accumulation in THP-1 human macrophages, 24

M

- Male breast cancer (MBC)
miRNA expression patterns in, 28
prognostic factors and molecular analysis of, 20

MicroRNA

expression of, derived from miR-30 polycystron before and after surgery in subtypes of breast cancer patients, 19
 expression patterns in male breast cancer, 28
 miR-30 polycystron, microRNA expression derived from, before and after surgery in subtypes of breast cancer patients, 19

Mitotic asynchrony

association of regenerative asynchrony with chronic inflammation in aging, 16
 association of, with pro-inflammatory state in airway epithelium, 15

Multiple myeloma, relationship between Hodgkin's lymphoma and, 3

N

Narcotic administration, racial disparities in, among pediatric patients with appendicitis in emergency departments, 5

Neck circumference, association of, with asthma control in obese youth, MP4

Neisseria gonorrhoea, sensitivity and specificity of empiric antibiotics for, in pediatric emergency department, 4

Nursery product-related injuries, epidemiology of, among children treated in United States emergency departments, 10

O

Obesity

association of neck circumference and outcomes of obese children with asthma, MP4

effect of calcium intake on obesity phenotypes in African American children possessing risk alleles for development of type 2 diabetes, MP8
 impact of, on clinical outcomes in inner-city children hospitalized for asthma exacerbation, 6

Object presence, infant mortality related to, in sleep environment, P6

Ovarian cancer, association of Werner and FANCD2 gene mutations with prognosis of, MP10

P

Patent foramen ovale (PFO)

effect of endovascular closure on quality of life in stroke patient with, 29
 metabolomic analysis on homocysteine by post PFO closure, MP13
 travel related stroke disparity in, patients and plans for a trial for Intervention, MP12

Pediatric oncology, utility of immature platelet count in monitoring thrombopoietic activity in hematopoietic progenitor cell transplant and, P10

Peripheral nerve, effect of glucose and alternative sugars and sugar alcohols on anoxic tolerance of, 7

Personalized metabolomics, assessment of, in identical twins vs. general stroke population, MP14

Physical activity, association of genetic variants with, and body composition in a pediatric African American cohort, MP7

Plasma cell myeloma (PCM), clinical presentation of, as gastroenteritis, P17

Premature children, association of human metapneumovirus with severe respiratory disease in, MP2

Primary payer status, association of, with mortality and resource utilization among liver transplant recipients, 8

Pro-inflammatory cytokines, association of serum soluble ST2 and interleukin-33 with, 11

Prostate cancer, cutaneous metastasis of, MP6

R

Racial disparities, evaluation of, in narcotic administration among pediatric patients with appendicitis in emergency departments, 5

Rac3, ubiquitination and degradation of, by FBXL19 in esophageal cancer cells, MP9

RAD51 gene changes, association of XPC and, in breast cancer patients with BRCA mutations, MP11

Regenerative asynchrony, association of, with chronic inflammation in aging, 16

Rhinovirus infection, association of, with elevated airway thymic stromal lymphopoietin levels and Th2 bias in early childhood, 26

S

SCF E3 ligase, regulation of CBP by, through histone acetylation and cytokine release, 13

Secretome, analysis of, isolated from pediatric patients with chronic rhinosinusitis, P4

Serum soluble ST2, association of, and interleukin-33 with pro-inflammatory cytokines, 11

Severe respiratory disease, association of human metapneumovirus with, in premature children, MP2

Sexually transmitted infection (STI) notification and treatment of positive STI test results in a pediatric emergency department, P8

sensitivity and specificity of empiric antibiotics for, in pediatric emergency department, 4

spatial distribution of adolescents with, diagnosed in pediatric emergency departments, MP5

Single nucleotide polymorphisms (SNPs) association of, with body composition and physical activity in a pediatric African American cohort, MP7

association of, with type 2 diabetes and bone phenotypes, 27

Sleep environment, infant mortality related to object presence in, P6

Staff education, effect of, on performance improvement in assessment and education of heart failure patients, 1

Stroke

personalized metabolomics of identical twins vs. general patient with PFO, MP14
 travel related stroke disparity in patent foramen ovale patients and plans for a trial for intervention, MP12

Syncope, role of gender on evaluation of patients with, P14

Systemic lupus erythematosus (SLE) association of, with clinical outcomes among acute pancreatitis, MP1

quality improvement assessment system utilizing complex adaptive system to improve treatment outcomes in patients with, P13

T

THP-1 human macrophages, effect of antirheumatic drugs on cholesterol efflux protein expression in, 14

Th2 responses, association of rhinovirus infection with elevated airway thymic stromal lymphopoietin and, in early childhood, 26

Thrombopoietic activity, utility of immature platelet count in monitoring, in pediatric oncology and hematopoietic progenitor cell transplant patients, P10

Thymic stromal lymphopoietin (TSLP) association of rhinovirus infection with elevated airway, and Th2 bias in early childhood, 26

directional immune response and polarity of viral-induced, in human bronchial epithelium, 9

Type 2 diabetes (T2D)

association of genetic variants with, and bone phenotypes, 27

effect of calcium intake on obesity phenotypes in African American children possessing risk alleles for development of, MP8

U

Ubiquitin C, interaction of vitamin D and glucocorticoid to reduce, in asthmatic airway epithelium, 21

V

Valvular heart disease, cardiac MRI evaluation of cardiac function and predict outcomes in patient with, P5

Viral-induced thymic stromal lymphopoietin secretion, directional immune response and polarity of, in human bronchial epithelium, 9

Vitamin D

administration of, improves hepatic insulin sensitivity and adipose tissue inflammation in obese, insulin resistant humans, 23

clinical factors associated with deficiency of, in African American children with forearm fractures, 17

interaction of glucocorticoids and, to reduce ubiquitin C in asthmatic airway epithelium, 21

levels among anorexic and obese adolescent populations, P2

W

Werner gene mutation, association of FANCD2 gene and, with ovarian cancer prognosis, MP10

X

XPC gene changes, association of RAD51 and, in breast cancer patients with BRCA mutations, MP11