

## Scientific Sessions Abstract Categories

### Basic Science

#### Arteriosclerosis, Thrombosis and Vascular Biology

01	Lipids, Lipid Mediators, and Lipoprotein Metabolism: Cellular and Animal	ATVB
02	Angiogenesis, Vascular Development and Regeneration	ATVB
03	Atherosclerosis, Hemostasis and Thrombosis and Fibrinolysis	ATVB
04	Endothelium, Vascular Tone and Nitric Oxide	ATVB
05	Differentiation, Remodeling, Extracellular Matrix	ATVB
06	Stem/Progenitor Cells	ATVB
08	Microcirculation and Cerebral/Coronary/Peripheral Circulation	ATVB
25	Inflammation and Adhesion Molecules	ATVB

#### Cardiac Development, Structure and Function

09	Cardiac Development	BCVS
13	Protection of Ischemic Myocardium and Myocardial Repair	BCVS
20	Cardiac Hypertrophy, Heart Failure and Ventricular Remodeling	BCVS

#### Cellular Biology

21	Cellular Signaling	BCVS
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#### Drug Discovery

117	Drug Discovery for Cardiovascular Disease	BCVS
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#### Genetics and Genomics

14	Gene Expression/Molecular Biology	BCVS
15	Functional Genomics, Transcriptomics, Proteomics and Metabolomics of Cardiovascular Disease	GPM
16	Genetic Epidemiology, Genomics and Pharmacogenomics of Cardiovascular Disease	GPM

#### Metabolism and Physiology

17	Cardiac Metabolism and Energetics	BCVS
18	Cardiorenal Physiology/Pathophysiology	KCVD
19	Ischemic Myocardium	ATVB
33	Electrophysiology and Experimental Models of Arrhythmias	BCVS

#### Signaling

23	Cell, Tissue Engineering, and Gene Based Therapies	GPM
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## Scientific Sessions Abstract Categories

### Clinical Science

#### Acute Coronary Syndromes

26	Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology	CLCD
27	Unstable Angina, NSTEMI and STEMI: Prognosis and Pharmacologic Therapy	CLCD
28	Chronic Ischemic Heart Disease	CLCD
30	Clinical Biomarkers	CLCD

#### Cardio Oncology

88	Cardio Oncology	CLCD
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#### Congenital Heart Disease and Pediatric Cardiology

95	Pediatric Congenital Heart Defects	Young Hearts
95.2	Pediatric Acquired Heart Disease (i.e. infectious diseases, other)	Young Hearts
96	Pediatric Imaging	Young Hearts
97	Pediatric Electrophysiology	Young Hearts
97.2	Pediatric Epidemiology and Population Prevention	Young Hearts
97.3	Pediatric Clinical Preventive Cardiovascular Disease	Young Hearts
98	Pediatric Cardiac Surgery	Young Hearts
99	Adult Congenital Heart Disease	Young Hearts
100	Pediatric Heart Failure/Transplantation	Young Hearts

#### Electrophysiology and Arrhythmias

34	Arrhythmia: Clinical Electrophysiology Diagnosis	CLCD
34.1	Arrhythmia: Clinical Electrophysiology Risk Stratification	CLCD
35	Treatment of Arrhythmias: Pharmacologic	CLCD
36	Treatment of Arrhythmias: Ablation and Surgery	CLCD
37	Treatment of Arrhythmias: Device Therapy	CLCD

#### Heart Failure and Cardiomyopathies

48	Heart Failure and Cardiomyopathies: Diagnosis & Evaluation	CLCD
48.1	Heart Failure and Cardiomyopathies: Pathophysiology	BCVS
49	Heart Failure and Cardiomyopathies: Pharmacologic Therapy	CLCD
50	Heart Failure and Cardiomyopathies: Pacing and Other Therapeutic Devices	CLCD
51	Heart Failure and Cardiomyopathies: Disease Management	CLCD
51.2	Heart Failure and Cardiomyopathies: Quality of Care, and Clinical Outcomes	CLCD
52	Medical Aspects End Stage Heart Failure: Transplantation and Device Therapies	CLCD
55	Myocardial Function/Hemodynamics and Biomarkers/Pericardial Disease	CLCD
56	Care Transitions to Outpatient Palliative and End of Life Care	CLCD

## Scientific Sessions Abstract Categories

### Hypertension

57	Hypertension: Experimental	HTN
58	Hypertension: Clinical	HTN

### Nephrology

130	Nephrology, other	KCVD
130.1	Cardiovascular Kidney Disease	KCVD

### Imaging and Nuclear Medicine

60	Echocardiography: Evaluation of Systolic and Diastolic Function	CLCD
61	Echocardiography: Emerging/New technologies including 3-D Echo, Myocardial Strain/Imaging, Contrast and Multi-modality/Fusion imaging, and Structural Heart Disease Interventions	CLCD
63	Echocardiography in Clinical Syndromes: CAD, Stress Echo, Endocarditis, Stroke, Arrhythmias, Systemic Disease	CLCD
64	Nuclear Cardiology: Isotope Imaging and PET	CLCD
66	Computed Tomography (CT): Heart (Coronary and Non-coronary)	CVRI
67	Magnetic Resonance Imaging (MRI): Heart	CVRI
68	Non-Coronary Vascular Imaging (CT/MRI/Other)	CVRI

### Interventional Treatments

38	Pharmacology for ACS and PCI	CLCD
39	Catheter-Based Coronary Interventions	CLCD
41	Endovascular Therapy	PVD
42	Percutaneous Non-Coronary Cardiac Intervention (including Percutaneous Valves)	CLCD
69	Catheter-Based Coronary Imaging and Hemodynamics	CLCD

### Nursing Research and Clinical

92	Primary Care, Prevention, Education, and Disease Management	CVSN
93	Psychosocial and Behavioral Aspects	CVSN
94	Physiologic Aspects of Acute and Chronic Care	CVSN

### Pulmonary Hypertension and Critical Care

70	Pulmonary Hypertension and Diseases Involving Pulmonary Circulation	3CPR
72	Critical Care Cardiology	3CPR
116	Right Ventricular Function and Physiology	3CPR

## Scientific Sessions Abstract Categories

### Stroke & Neuroscience

74	Cerebrovascular Diseases/Stroke (Basic, Clinical & Population)	Stroke
74.1	Brain Health	Stroke
74.2	Psychological Health and Wellbeing	Stroke

### Surgery & Anesthesia

43	Thoracic Aortic Disease	CVSA
95	Revascularization for Ischemic Heart Disease	CVSA
45	Myocardial Protection, Intraoperative Management, and Postoperative Critical Care	CVSA
46	Treatment of Structural Heart Disease	CVSA
47	Surgical Treatment of Heart Failure and Transplantation	CVSA

### Vascular Disease and Thrombosis

71	Vascular Medicine Non-coronary	PVD
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## Population Science

### Cardiometabolic Health and Diabetes

77	Obesity and Weight Management in CVD Risk and Prevention	Lifestyle
78	Diabetes Mellitus and CVD: Prevention and Management	Lifestyle
78.1	Cardiovascular Kidney and Metabolic Health	Lifestyle

### Epidemiology, Big Data and Precision Medicine

89	Reaching the AHA 2024 Impact Goals: Strategies for Success	EPI
90	Preventive Interventions: Population and Clinical Trials	EPI
91	Epidemiology and Population Studies	EPI
103	Clinical and Hospital-Based Observational Studies	EPI
123	Social Determinants of Health	QCOR
128	Health Equity and Structural Racism	EPI
128.1	Implementation Science	EPI

### Health Tech

102	Health Tech, Innovation and Precision Medicine Examples include: Novel clinical technologies including digital health, new informatics, new devices, innovative imaging methods, and new biomarkers. Novel basic science technologies including innovative drug screens, new animal models of cardiovascular diseases and stroke, Telemedicine, new methods for gene manipulation/bioinformatics and pathway analysis.	QCOR
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## Scientific Sessions Abstract Categories

### Lifestyle & Behavioral Medicine

80	Nutrition in CVD Risk and Prevention	Lifestyle
81	Exercise, Physical Activity and Rehabilitation	Lifestyle
105	Workplace, Environmental and Culture of Health	Lifestyle
124	Substance Use and CVD: Nicotine, Marijuana and Other Drugs	Lifestyle
124.1	Sleep Health	Lifestyle

### Prevention Health and Wellness

75	Stress Testing Exercise and Pharmacologic (includes Sports Cardiology)	CLCD
82	Clinical Risk Factors and Biomarkers in Risk Prediction	EPI
83	Risk Factors	CLCD
84	Lipid and Lipoprotein Metabolism: Clinical	Lifestyle

### Quality of Care and Outcomes Research

85	Cardiovascular Health Policy	QCOR
86	Quality of Care Research	QCOR
87	Patient-Centered Cardiovascular Outcomes Research	QCOR
104	Clinical Trial Design and Research Methodology	QCOR
129	Disparities in Health Care Delivery	QCOR

### Go Red for Women and Underrepresented Populations

120	Women's Health and Sex Differences	CLCD
121	Aging and Care of the Older Adult	CLCD
122	Health Disparities	CLCD
122.1	Maternal Health	CLCD
122.3	LGBTQ+ Health	CLCD

## Broad Focus

### COVID-19

125	Basic Science and Pathophysiology
126	Clinical Perspectives
127	Epidemiology

### Professional Development

131	Professional Development (Includes the following: Mentoring Strategies; Innovation in Clinical Education; Teaching/Learning models in Medical Education; and Research Career Development, Psychological and Well-Being including clinician burn out.)
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## Scientific Sessions Abstract Categories

### Clinical Cases

132	Clinical Case: Cardio-Oncology
133	Clinical Case: Cardiovascular Imaging
134	Clinical Case: Congenital Heart Disease
135	Clinical Case: Critical Care Cardiology
136	Clinical Case: Electrophysiology
137	Clinical Case: General Cardiology
138	Clinical Case: Heart Failure
139	Clinical Case: Interventional Cardiology
140	Clinical Case: Preventive Cardiology
141	Clinical Case: Pulmonary Hypertension
142	Clinical Case: Valvular Heart Disease
143	Clinical Case: Vascular Medicine
144	Clinical Case: Cardio-Nephrology
145	Clinical Case: Cardio-Obstetrics
146	Clinical Case: Neurocardiology
147	Clinical Case: Surgery