

Scientific Sessions Abstract Categories

Basic Science

Arteriosclerosis, Thrombosis and Vascular Biology

1.01	Lipids, Lipid Mediators, and Lipoprotein Metabolism: Cellular and Animal	ATVB
1.02	Angiogenesis, Vascular Development and Regeneration	ATVB
1.03	Atherosclerosis, Hemostasis and Thrombosis and Fibrinolysis	ATVB
1.04	Endothelium, Vascular Tone and Nitric Oxide	ATVB
1.05	Differentiation, Remodeling, Extracellular Matrix	ATVB
1.06	Stem/Progenitor Cells	ATVB
1.07	Microcirculation and Cerebral/Coronary/Peripheral Circulation	ATVB
1.08	Inflammation and Adhesion Molecules	ATVB

Cardiac Development, Structure and Function

2.09	Cardiac Development	BCVS
2.10	Protection of Ischemic Myocardium and Myocardial Repair	BCVS
2.11	Cardiac Hypertrophy, Heart Failure and Ventricular Remodeling	BCVS

Genetics and Genomics

3.12	Gene Expression/Molecular Biology	BCVS
3.13	Functional Genomics, Transcriptomics, Proteomics and Metabolomics of Cardiovascular Disease	GPM
3.14	Genetic Epidemiology, Genomics, Gene-Based Therapies, Gene Editing and Pharmacogenomics	GPM
3.15	Precision Medicine- Genetic and Genomic Applications	GPM

Molecular and Cellular Science

4.16	Cellular Signaling	BCVS
4.17	Drug Discovery for Cardiovascular Disease	BCVS
4.18	Cardiac Metabolism and Energetics	BCVS
4.19	Cardiorenal Physiology/Pathophysiology	KCVD
4.20	Ischemic Myocardium	ATVB
4.21	Electrophysiology and Experimental Models of Arrhythmias	BCVS
4.22	Cell and Tissue Engineering	GPM

Scientific Sessions Abstract Categories

Clinical Science

Acute Coronary Syndromes

5.23	Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology	CLCD
5.24	Unstable Angina, NSTEMI and STEMI: Prognosis and Pharmacologic Therapy	CLCD
5.25	Chronic Coronary Disease	CLCD
5.26	Clinical Biomarkers in ACS	CLCD

Brain Health and Cerebrovascular Science

6.27	Cerebrovascular Diseases/Stroke (Basic, Clinical & Population)	Stroke
6.28	Brain Health	Stroke

Cardio-Oncology

7.29	Cardio-Oncology	CLCD
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Congenital Heart Disease and Pediatric Cardiology

8.30	Pediatric Congenital Heart Defects	Young Hearts
8.31	Pediatric Acquired Heart Disease (i.e. infectious diseases, other)	Young Hearts
8.32	Pediatric Imaging	Young Hearts
8.33	Pediatric Electrophysiology	Young Hearts
8.34	Pediatric Epidemiology and Population Prevention	Young Hearts
8.35	Pediatric Clinical Preventive Cardiovascular Disease	Young Hearts
8.36	Pediatric Cardiac Surgery	Young Hearts
8.37	Adult Congenital Heart Disease	Young Hearts
8.38	Pediatric Heart Failure/Transplantation	Young Hearts
8.39	Pediatric Critical Care Cardiology	Young Hearts

Electrophysiology and Arrhythmias

9.40	Arrhythmia: Clinical Electrophysiology Diagnosis	CLCD
9.41	Arrhythmia: Clinical Electrophysiology Risk Stratification	CLCD
9.42	Treatment of Arrhythmias: Pharmacologic	CLCD
9.43	Treatment of Arrhythmias: Ablation and Surgery	CLCD
9.44	Treatment of Arrhythmias: Device Therapy	CLCD

Heart Failure and Cardiomyopathies

10.45	Heart Failure and Cardiomyopathies: Diagnosis & Evaluation	CLCD
10.46	Heart Failure and Cardiomyopathies: Pathophysiology	BCVS
10.47	Heart Failure and Cardiomyopathies: Pharmacologic Therapy	CLCD
10.48	Heart Failure and Cardiomyopathies: Pacing and Other Therapeutic Devices	CLCD

Scientific Sessions Abstract Categories

10.49	Heart Failure and Cardiomyopathies: Disease Management	CLCD
10.50	Heart Failure and Cardiomyopathies: Quality of Care, and Clinical Outcomes	CLCD
10.51	End Stage Heart Failure: Transplantation (Medical) and Medical Therapy	CLCD
10.52	Palliative and End of Life Care	CLCD

Hypertension

11.53	Hypertension: Basic and Translational	HTN
11.54	Hypertension: Clinical	HTN

Interventional Treatments

12.55	Pharmacology for PCI	CLCD
12.56	Catheter-Based Coronary Interventions	CLCD
12.57	Endovascular Therapy	PVD
12.58	Percutaneous Non-Coronary Cardiac Intervention (including Percutaneous Valves)	CLCD
12.59	Catheter-Based Coronary Imaging and Hemodynamics	CLCD

Multimodality Imaging

13.60	Echocardiography: Evaluation of Systolic and Diastolic Function	CLCD
13.61	Echocardiography: Emerging/New Technologies	CLCD
13.62	Echocardiography in Clinical Syndromes	CLCD
13.63	Nuclear Cardiology	CLCD
13.64	Computed Tomography (CT): Heart	CVRI
13.65	Magnetic Resonance Imaging (MRI): Heart	CVRI
13.66	Non-Coronary Vascular Imaging (CT/MRI/Other)	CVRI

Nephrology

14.67	Nephrology	KCVD
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Nursing Research and Clinical Science

15.68	Primary Care, Prevention, Education, and Disease Management	CVSN
15.69	Psychosocial and Behavioral Aspects	CVSN
15.70	Acute and Chronic Care	CVSN

Pulmonary Hypertension and Critical Care

16.71	Pulmonary Hypertension and Diseases Involving Pulmonary Circulation	3CPR
16.72	Critical Care Cardiology	3CPR
16.73	Right Ventricular Function and Physiology	3CPR

Scientific Sessions Abstract Categories

Surgery & Anesthesia

17.74	Thoracic Aortic Disease	CVSA
17.75	Coronary Disease	CVSA
17.76	Peri-operative Care	CVSA
17.77	Valvular Heart Disease	CVSA
17.78	Heart Failure, and Transplantation	CVSA

Vascular Medicine

18.79	Vascular Medicine: Clinical Science	PVD
18.80	Vascular Medicine: Basic and Translational	PVD
18.81	Vascular Medicine: Venous and Thromboembolic Disease	PVD

Population Science

Cardiometabolic Health and Diabetes

19.82	Obesity and Weight Management in CVD Risk and Prevention	Lifestyle
19.83	Diabetes Mellitus and CVD: Prevention and Management	Lifestyle
19.84	Cardiovascular Kidney and Metabolic Health	Lifestyle

Epidemiology, Big Data and Precision Medicine

20.85	Biomarkers, Risk Assessment and Risk Prediction	EPI
20.86	Population-Based and Observational Studies	EPI
20.87	Clinical and Hospital-Based Observational Studies	EPI
20.88	Social Determinants of Health	QCOR
20.89	Health Equity and Structural Racism	EPI
20.90	Methodology and Data Science	EPI

Go Red for Women and Underrepresented Populations

21.91	Women's Health and Sex Differences	CLCD
21.92	Aging and Care of the Older Adult	CLCD
21.93	Health Disparities and Underrepresented Populations	CLCD
21.94	Cardio-Obstetrics	CLCD
21.95	LGBTQ+ Health	CLCD

Health Tech

22.96	Health Tech, Artificial Intelligence and Machine Learning	QCOR
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Scientific Sessions Abstract Categories

Implementation Science

23.97	Implementation Science	EPI
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Prevention and Lifestyle Medicine

24.98	Nutrition in CVD Risk and Prevention	Lifestyle
24.99	Exercise, Physical Activity and Rehabilitation	Lifestyle
24.100	Workplace, Environmental and Culture of Health	Lifestyle
24.101	Substance Use and CVD	Lifestyle
24.102	Sleep Health	Lifestyle
24.103	Stress Testing Exercise and Pharmacologic (includes Sports Cardiology)	CLCD
24.104	Clinical Lipidology	Lifestyle

Psychological Health and Wellbeing

25.105	Psychological Health and Wellbeing	Stroke
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Quality of Care and Outcomes Research

26.106	Cardiovascular Health Policy	QCOR
26.107	Quality of Care and Outcomes Research	QCOR
26.108	Clinical Trial Design and Research Methodology	QCOR
26.109	Disparities in Health Care Delivery	QCOR

Broad Focus

Clinical Cases

27.110	Clinical Case: Cardio-Oncology
27.111	Clinical Case: Congenital Heart Disease
27.112	Clinical Case: Critical Care Cardiology
27.113	Clinical Case: Electrophysiology and Arrhythmias
27.114	Clinical Case: Heart Failure and Cardiomyopathies
27.115	Clinical Case: Interventional Cardiology
27.116	Clinical Case: Pulmonary Hypertension
27.117	Clinical Case: Valvular Heart Disease
27.118	Clinical Case: Vascular Medicine
27.119	Clinical Case: Cardiovascular Kidney Metabolic and Prevention
27.120	Clinical Case: Cardio-Obstetrics
27.121	Clinical Case: Surgery
28.122	Clinical Case: Behavioral Medicine
28.123	Clinical Case: Brain Health, Stroke and Neuroscience

COVID-19

28.124	Clinical Perspectives
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Scientific Sessions Abstract Categories

Professional Development

29.125	Professional Development, Wellbeing, and Education (Includes the following: Mentoring Strategies; Innovation in Clinical Education; Teaching/Learning models in Medical Education; Research Career Development, Clinician Psychological Health and Well-Being including burnout.)
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