

*Abstracts submitted to the following categories will only be considered for presentation at #ScientificSessions26. If you would like your abstract to be considered for presentation at the Hypertrophic Cardiomyopathy Medical Society Symposium (HCMS), taking place at #ScientificSessions26 on Friday, November 6, you must submit your abstract under an HCMS category.*

## Basic Science

### Cardiac Development, Structure, and Function

|      |   |      |
|------|---|------|
| 1.01 | Cardiac Development   | BCVS |
| 1.02 | Cardiac Hypertrophy, Heart Failure and Ventricular Remodeling | BCVS |

### Genetics and Genomics

|      |  |     |
|------|--|-----|
| 2.03 | Functional Genomics, Transcriptomics, Proteomics, and Metabolomics of Cardiovascular Disease | GPM |
| 2.04 | Genetic Epidemiology, Genomics, Gene-Based Therapies, Gene Editing, and Pharmacogenomics     | GPM |
| 2.05 | Precision Medicine- Genetic and Genomic Applications   | GPM |

### Molecular and Cellular Science

|      |  |      |
|------|--|------|
| 3.06 | Cardiac Metabolism and Energetics                        | BCVS |
| 3.07 | Cardiorenal Physiology/Pathophysiology                   | KCVD |
| 3.08 | Cellular Signaling                                       | BCVS |
| 3.09 | Drug Discovery for Cardiovascular Disease                | BCVS |
| 3.10 | Electrophysiology and Experimental Models of Arrhythmias | BCVS |
| 3.11 | Gene Expression/Molecular Biology                        | BCVS |
| 3.12 | Ischemic Myocardium                                      | ATVB |

### Regenerative Science

|      |   |      |
|------|---|------|
| 4.13 | Angiogenesis, Vascular Development and Regeneration     | BCVS |
| 4.14 | Cell and Tissue Engineering                             | BCVS |
| 4.15 | Differentiation, Remodeling, Extracellular Matrix       | ATVB |
| 4.16 | Protection of Ischemic Myocardium and Myocardial Repair | BCVS |
| 4.17 | Stem/Progenitor Cells                                   | BCVS |

## Vascular Biology

|      |  |      |
|------|--|------|
| 5.18 | Atherosclerosis, Hemostasis and Thrombosis and Fibrinolysis              | ATVB |
| 5.19 | Endothelium, Vascular Tone and Nitric Oxide                              | ATVB |
| 5.20 | Inflammation and Adhesion Molecules                                      | ATVB |
| 5.21 | Lipids, Lipid Mediators, and Lipoprotein Metabolism: Cellular and Animal | ATVB |
| 5.22 | Microcirculation and Cerebral/Coronary/Peripheral Circulation            | ATVB |

## Clinical Science

### Arrhythmia

|      |  |      |
|------|--|------|
| 6.23 | Arrhythmia: Clinical Electrophysiology Diagnosis           | CLCD |
| 6.24 | Arrhythmia: Clinical Electrophysiology Risk Stratification | CLCD |
| 6.25 | Treatment of Arrhythmias: Pharmacologic                    | CLCD |
| 6.26 | Treatment of Arrhythmias: Ablation and Surgery             | CLCD |
| 6.27 | Treatment of Arrhythmias: Device Therapy                   | CLCD |

### Brain Health and Stroke

|      |  |        |
|------|--|--------|
| 7.28 | Brain Health   | Stroke |
| 7.29 | Cerebrovascular Diseases/Stroke (Basic, Clinical & Population) | Stroke |

### Congenital and Pediatric

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

### Coronary and Structural Heart

|      |  |      |
|------|--|------|
| 9.40 | Aortic Valve   | CVSA |
| 9.41 | Catheter-Based Coronary Imaging and Hemodynamics                       | CLCD |
| 9.42 | Catheter-Based Coronary Interventions                                  | CLCD |
| 9.43 | Chronic Coronary Disease   | CLCD |
| 9.44 | Clinical Biomarkers in ACS   | CLCD |
| 9.45 | Coronary Revascularization (percutaneous and / or surgical)            | CVSA |
| 9.46 | Mitral and Tricuspid Valve   | CVSA |
| 9.47 | Pharmacology for PCI   | CLCD |
| 9.48 | Right Ventricular Function and Physiology                              | 3CPR |
| 9.49 | Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology       | CLCD |
| 9.50 | Unstable Angina, NSTEMI and STEMI: Prognosis and Pharmacologic Therapy | CLCD |

### Critical Care

|       |                                    |      |
|-------|------------------------------------|------|
| 10.51 | Critical Care Cardiology           | 3CPR |
| 10.52 | ECMO and Mechanical Assist Support | 3CPR |

### Heart Failure and Cardiomyopathy

|       |   |      |
|-------|---|------|
| 11.53 | Cardio-Oncology   | CLCD |
| 11.54 | End Stage Heart Failure: Transplantation, mechanical circulatory support, and Medical Therapy | CLCD |
| 11.55 | Heart Failure and Cardiomyopathies: Diagnosis & Evaluation                                    | CLCD |
| 11.56 | Heart Failure and Cardiomyopathies: Disease Management  | CLCD |
| 11.57 | Heart Failure and Cardiomyopathies: Pacing and Other Therapeutic Devices                      | CLCD |
| 11.58 | Heart Failure and Cardiomyopathies: Pathophysiology   | BCVS |
| 11.59 | Heart Failure and Cardiomyopathies: Pharmacologic Therapy                                     | CLCD |

### Hypertension and Nephrology

|       |                                       |      |
|-------|---------------------------------------|------|
| 12.60 | Hypertension: Basic and Translational | HTN  |
| 12.61 | Hypertension: Clinical                | HTN  |
| 12.62 | Nephrology                            | KCVD |

### Imaging

|       |   |      |
|-------|---|------|
| 13.63 | Computed Tomography (CT): Heart                                 | CVRI |
| 13.64 | Echocardiography in Clinical Syndromes                          | CLCD |
| 13.65 | Echocardiography: Emerging/New Technologies                     | CLCD |
| 13.66 | Echocardiography: Evaluation of Systolic and Diastolic Function | CLCD |
| 13.67 | Magnetic Resonance Imaging (MRI): Heart                         | CVRI |
| 13.68 | Non-Coronary Vascular Imaging (CT/MRI/Other)                    | CVRI |
| 13.69 | Nuclear Cardiology  | CLCD |

### Nursing and Allied Healthcare

|       |  |      |
|-------|--|------|
| 14.70 | Acute and Chronic Care                                     | CVSN |
| 14.71 | Palliative and End of Life Care                            | CLCD |
| 14.72 | Primary Care, Prevention and Chronic Disease Management    | CVSN |
| 14.73 | Psychosocial and Behavioral Aspects of Cardiovascular Care | CVSN |

### Pulmonary Hypertension

|       |   |      |
|-------|---|------|
| 15.74 | Pulmonary Hypertension and Diseases Involving Pulmonary Circulation | 3CPR |
|-------|---|------|

### Surgery and Anesthesia

|       |   |      |
|-------|---|------|
| 16.75 | Cardiopulmonary Bypass                                    | 3CPR |
| 16.76 | Bridge to and Transplantation                             | CVSA |
| 16.77 | Heart Failure and Transplantation                         | CVSA |
| 16.78 | Intra-operative   | CVSA |
| 16.79 | Peri-operative Care                                       | CVSA |
| 16.80 | Structural Heart: Transcatheter or Surgical Valve Therapy | CVSA |

### Vascular Medicine

|       |  |      |
|-------|--|------|
| 17.81 | Endovascular Therapy                                 | PVD  |
| 17.82 | Thoracic Aortic Disease                              | CVSA |
| 17.83 | Vascular Medicine: Basic and Translational           | PVD  |
| 17.84 | Vascular Medicine: Clinical Science                  | PVD  |
| 17.85 | Vascular Medicine: Venous and Thromboembolic Disease | PVD  |

## Population Science

### Cardiovascular Kidney Metabolic Health

|       |  |           |
|-------|--|-----------|
| 18.86 | Cardiovascular Kidney and Metabolic Health               | Lifestyle |
| 18.87 | Diabetes Mellitus and CVD: Prevention and Management     | Lifestyle |
| 18.88 | Obesity and Weight Management in CVD Risk and Prevention | Lifestyle |

### Epidemiology, AI and Bioinformatics

|       |   |      |
|-------|---|------|
| 19.89 | Biomarkers, Risk Assessment and Risk Prediction           | EPI  |
| 19.90 | Clinical Trial Design and Research Methodology            | QCOR |
| 19.91 | Health Tech, Artificial Intelligence and Machine Learning | QCOR |
| 19.92 | Methodology and Data Science                              | EPI  |
| 19.93 | Population-Based and Observational Studies                | EPI  |

### Prevention and Lifestyle

|        |   |           |
|--------|---|-----------|
| 20.94  | Aging and Care of the Older Adult               | CLCD      |
| 20.95  | Clinical Lipidology                             | Lifestyle |
| 20.96  | Exercise, Physical Activity, and Rehabilitation | Lifestyle |
| 20.97  | LGBTQ+ Health                                   | Lifestyle |
| 20.98  | Nutrition in CVD Risk and Prevention            | Lifestyle |
| 20.99  | Psychological Health and Wellbeing              | Stroke    |
| 20.100 | Sleep Health                                    | Lifestyle |
| 20.101 | Sports Cardiology and Stress Testing            | CLCD      |
| 20.102 | Substance Use and CVD                           | Lifestyle |
| 20.103 | Environmental Drivers of Health                 | Lifestyle |

### Quality and Outcomes Research

|        |  |      |
|--------|--|------|
| 21.104 | Cardiovascular Health Policy   | QCOR |
| 21.105 | Disparities in Health Care Delivery  | QCOR |
| 21.106 | Clinical and Hospital-Based Observational Studies                          | EPI  |
| 21.107 | Health Disparities and Underrepresented Populations                        | CLCD |
| 21.108 | Health Equity and Structural Racism  | EPI  |
| 21.109 | Heart Failure and Cardiomyopathies: Quality of Care, and Clinical Outcomes | CLCD |
| 21.110 | Implementation Science   | EPI  |
| 21.111 | Quality of Care and Outcomes Research                                      | QCOR |
| 21.112 | Social Determinants of Health  | QCOR |
| 21.113 | Women's Health and Sex Differences   | CLCD |

### Broad Focus

#### Professional Development

|        |  |
|--------|--|
| 22.114 | Professional Development 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.) |
|--------|--|