



American Heart Association®

Basic Cardiovascular Sciences

2021 Abstract Categories

1. Cardiac Regeneration, Stem Cells and Tissue Engineering
2. Cell Death Mechanisms, Apoptosis, Necrosis and Autophagy
3. Clinical/Translational Research
4. Excitation-Contraction Coupling
5. Genetics and Genomics of Cardiovascular Disease
6. Human Cellular Models of Disease
7. Inflammation and the Cardiovascular System
8. Ion Channels and Arrhythmias
9. Mechanisms of Myocardial Fibrosis
10. Mechanisms of cardiac remodeling, hypertrophy and failure
11. Mitochondria and Metabolism
12. Myocardial Ischemia, Oxidative Stress, and Cardioprotection
13. RNA and Cellular Regulation
14. Sarcomeric Function and Contractility
15. Signal Transduction Pathways
16. Systems Approach to Cardiovascular Biology
17. Transcriptional and Epigenetic Regulation of Gene Expression
18. Cardio-immunology
19. Cardio-Oncology
20. COVID 19 in the Cardiovascular System