Reconnect and Experience the Latest in Cardiovascular Science at #AHA23

Dan M. Roden MD

I was ambivalent about Scientific Sessions last year! Registration was around 12,000 — way down from pre-pandemic days — and it felt like we would be few and far between in the cavernous convention center. Not so! The Council on Genomic and Precision Medicine Program Committee created an engaging and well-attended program, and it was fabulous to connect with many friends after more than two years of isolation.

I think 12,000 was a great improvement over zero, and I look forward to seeing many more of you in the City of Brotherly Love this November to continue to reconnect and experience the latest in cardiovascular science.

The meeting starts with Pre-Sessions Symposia and Early Career Day on Friday, November 10, and sessions are Saturday, Nov 11-Monday, November 13. In addition to oral and poster presentations (the web-planner app goes live November 6), the Program Committee has put together multiple sessions that speak to our mission of advancing genomic and precision medicine discovery, translation, implementation, and education:

**Friday**
9:45 AM  The Power of Cohort Data: From Discovery to Implementation
9:45 AM  Implementing Genetic and Genomic Testing in the Clinic: Who, What, When, and How Much?
11:30 AM  Emerging Genomic Mechanisms of Cardiovascular Disease
12:00 PM  Mutations, Myocytes, and Mice: The Latest Discoveries in Functional Genetics
1:30 PM  Understanding Cardiovascular Risk: From Assessment to Implementation
1:30 PM  The Future is Bright for Genomic Sciences: Models, Omics, and Beyond
1:30 PM  Eliminating Health Inequity in Cardiovascular Disease
2:00 PM  Multi-Omic Mechanisms Underlying Diseases of the Heart, Valve, and Vessels
3:00 PM  Metabolomics and Proteomics of Cardiovascular Disease
3:15 PM  New Strategies for HFpEF: One Size Fits All or Precision Medicine?
3:15 PM  Cardiac Arrest on the Athletic Field: A Team Approach
3:15 PM  Genomic and Precision Medicine Early Career Investigator Award Competition

**Saturday**
9:45 AM  I Dream of Genes: Genetics, Genomics, and Gene Regulation
11:30 AM  Gene Therapy for Heart Diseases: Key Challenges to Address

**Sunday**
8:00 AM  An Introduction to Clinical Cardiovascular Genetic Testing Best Practices: A Flipped Classroom-Style Session
9:45 AM  Precision Medicine and Gene Therapy in Cardiomyopathy, Heart Failure, and Beyond

**Monday**
8:00 AM  AI in the Clinic and Lab: Promise, Pitfalls, and the Data Police
1:30 PM  The Promise and Perils of the Omics Revolution in Cardio-Oncology
8:00 AM  Genomic and Epidemiology Mid-Career Research Award and Lecture
10:30 AM  Novel Genes, Biomarkers and Risk Factors for Cardiovascular Disease
11:30AM  Genetic Basis of Cardiovascular Disease
1:30PM  Tissue and Single Cell Transcriptomics
Council on Genomic and Precision Medicine Reception

I look forward to seeing you Saturday evening for our council’s Annual Reception at Scientific Sessions. We’ll not only socialize, but we’ll also honor current and future leaders in our discipline.

To see our future leaders, I encourage you all to attend the Genomic and Precision Medicine Early Career Investigator Award Competition at 3:15 PM Saturday, and we’ll honor all presenters and announce the winner at the reception.

I am delighted that professor Connie Bezzina will be the 11th recipient of our Medal of Honor at the reception. Dr. Bezzina grew up in Malta, where she was the first graduate to receive a PhD in molecular biology. She went to Amsterdam as a post-doc and has built a program that uses cutting-edge tools to define the genomic basis of inherited cardiovascular disease. She has led large multi-institutional consortia that have defined polygenic contributors to so-called monogenic diseases such as Brugada and Long QT syndromes, and her laboratory uses contemporary molecular tools to define underlying mechanisms. She is the European coordinator for a Leducq Network grant, and a member of the Royal Netherlands Academy of Arts and Sciences. She is the fourth woman recipient of the Medal of Honor, and second from a non-U.S. center.

Connie Bezzina PhD

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abroad. Dr. Howard is well known to our council. He is an Emeritus Distinguished Professor of Biostatistics at the UAB. His career has a dual focus of observational studies cardiovascular epidemiology and in the direction of coordinating centers for multi-center randomized clinical trials. Dr. Howard was the principal investigator for the REasons for Geographic And Racial Differences in Stroke (REGARDS) project, a U.S. national study developing a cohort of 30,239 people to provide insights to the excess stroke mortality among African American people and Southerners.

The state of the council is strong. We are proud of our history and excited about our new directions of growth.

I continue to be honored to serve as chair of our council. This is an exciting time in the world of epidemiology, there is much to do and new places to go. I am pleased to join you on the journey ahead. I look forward to continuing our work together so that the council will remain a positive force for growth and well-being in our communities.

Resuscitation Science Symposium 2023

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