

9th Annual International SADS Foundation Conference

Putting it Together: From the Genome to the Phenotype

Friday, September 30, 2016

Register online at: StopSADS.org/Conference2016



Accredited By
UC San Diego
SCHOOL OF MEDICINE
Continuing Medical Education

Course Description

This one-day CME course will focus on inherited heart rhythm diseases that can cause sudden arrhythmic death. Topics covered will encompass the most recent advancements in both basic science and clinical knowledge. A panel of internationally-recognized experts will provide an update on these life-threatening disorders and discuss with the audience the most appropriate evidence-based clinical management with an interactive, informal format.

Target Audience

This program is targeted to practicing physicians, cardiologists, genetic counselors, and allied health professionals involved in the care of children and adults with sudden death predisposing genetic heart rhythm diseases.

Keynote Speaker

J. Craig Venter, PhD

Craig Venter, founder of the J. Craig Venter Institute and CEO of Human Longevity Inc., is a biotechnologist, biochemist, geneticist, and entrepreneur. He is also known for being one of the first to sequence the human genome and the first to transfect a cell with a synthetic genome.

Location

San Diego Marriott Mission Valley
8757 Rio San Diego Dr
San Diego, CA 92108

Course Fees

CME Regular	\$175
NP, RN, Allied Health	\$90
Fellows	\$75

Registration

Register online at: StopSADS.org/Conference2016

If you have any questions, please contact our office at 801-272-3023 or sads@sads.org.

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Agenda

8:15 INTRODUCTION

8:30 SESSION 1: Channelopathies in the Very Young (Chair Peter Aziz, MD)

Recognizing and managing the fetus with a channelopathy. *Bettina Cuneo, MD*

Why do some children present so early? What are the channelopathic diseases that present so very early and why? *James Perry, MD*

Management of arrhythmia syndromes in the newborn and very young child: Unique risks and barriers in this age population. *Mitchell Cohen, MD*

The future of genomics in perinatal medicine: In vitro testing today and what can we expect in the future. *Shubhayan Sanatani, MD*

10:00 BREAK

10:15 KEY NOTE SPEAKER: Craig Venter

11:00 SESSION 2: How Do I Interpret Genomic Results? (Chair Martin Tristani-Firouzi, MD)

Targeting the genotype request to the patient phenotype: Panel, whole genome or whole exome? *Susan Etheridge, MD*

What if my panel is negative? How do I manage my patient? *Robert Campbell, MD*

Is there a genomic basis to acquired channelopathic disease? *Yani Bar-Cohen, MD*

When Should I NOT Perform Genetic Testing? *Michael Ackerman, MD, PhD*

Q & A

12:30 LUNCH

1:30 SESSION 3: Cardiac Scene and Sudden Death Investigation "CSI" (Chair Anjan Batra, MD)

The cardiac sudden death scene investigation from the Medical Examiner standpoint. *Ellen Moffat, MD*
State of the Molecular Autopsy for SADS/SUDS and SIDS/SUID/SUDI? *Michael Ackerman, MD, PhD*

How to start an inherited arrhythmias clinic and what do you do when faced with a post-mortem consult. *Dominic Abrams, MD*

Q & A

2:45 BREAK

3:00 SESSION 4: The Future in Channelopathy Research and Its Clinical Application (Chair Michael Ackerman, MD, PhD)

The application of rapid sequencing and rapid functional assessment in channelopathies. *Stephen Kingsmore, MD*

Ranking, classifying the VUS, counseling the family: Using a model from cancer researchers. *Martin Tristani-Firouzi, MD*

The application of IPS to understanding inherited arrhythmias. *Neil Chi, MD*

Clinicians Viewpoint of Channelopathies: Integrating Science into Practice. *Andras Bratinscak, MD*

Q & A

5:05 ADJOURN

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Course Directors

James Perry, MD

Professor of Pediatrics, UC San Diego School of Medicine Director, Electrophysiology and Adult Congenital Heart Programs at Rady Children's Hospital Scientific Advisor, Sudden Arrhythmia Death Syndromes (SADS) Foundation

Martin Tristani-Firouzi, MD

Professor of Pediatrics, University of Utah School of Medicine Vice Chair, University of Utah Institutional Review Board Scientific Advisor, Sudden Arrhythmia Death Syndromes (SADS) Foundation

Susan Etheridge, MD

Professor of Pediatrics, University of Utah School of Medicine

Assistant Director, Division of Pediatric Cardiology
Director of Pediatric Cardiology Fellowship
Board Vice President, Sudden Arrhythmia Death Syndromes (SADS) Foundation

Michael J. Ackerman, MD, PhD

Windland Smith Rice Cardiovascular Genomics Research Professor
Professor of Medicine, Pediatrics, and Pharmacology, Mayo Clinic
Director, Long QT Syndrome/Genetic Heart Rhythm Clinic and the Mayo Clinic Windland Smith Rice Sudden Death Genomics Laboratory
Board President, Sudden Arrhythmia Death Syndromes (SADS) Foundation

Accreditation Statement

The UC San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor (designate credit) continuing medical education (CME) for physicians.

Credit Designation Statement

Pending approval from the UC San Diego School of Medicine this live activity will be eligible for up to 7 AMA PRA Category 2 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

