Cleveland Clinic Genomic Medicine Institute | Center for Personalized Genetic Healthcare

Cardiovascular Genetics & Genomics: The Heart of the Matter

Thursday, September 13, 2018
InterContinental Hotel and Bank of America Conference Center
Cleveland, OH 44106

Register Online: www.cccfcmme.org/genetics
An Invitation from Dr. Charis Eng

Dear Colleagues,

I am pleased to invite you to attend the Genomic Medicine Institute’s 6th annual genetics education symposium, entitled “Cardiovascular Genetics and Genomics: The Heart of the Matter.” We are planning an engaging day with an emphasis on advances in the diagnosis, management, and treatment of genetic conditions related to cardiovascular health.

The chairman of Cleveland Clinic’s Heart and Vascular Institute, Lars Svensson, MD, PhD, will deliver the morning keynote address. Other topics include the limitations of genetic testing and variations of uncertain significance, the practice of telegenetics, professional social media use and pharmacogenomics. Please refer to the enclosed agenda for more details about this year’s speakers and topics.

I am sure you will enjoy this day of education and discussion centered on our common interests in genetic and genomic medicine. We will close the day with my presentation, “Your Genes, Your Wine, Your Health,” followed by a wine reception where you’ll have the opportunity to join together with your colleagues.

Sincerely,

Charis Eng, MD, PhD
Hardis Chair, Genomic Medicine Institute
Director, Center for Personalized Genetic Healthcare
Cleveland Clinic

Planning Committee

<table>
<thead>
<tr>
<th>Courtney Becker-Howell, MHSA</th>
<th>Ron Rerko, MS</th>
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<tr>
<td>Emma Keel</td>
<td>Christina Rigelsky, MS, LGC</td>
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<td>Jenn Lonzer, MA</td>
<td>Amy Shealy, MS, LGC</td>
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<td>Lauren Palange, MS, LGC</td>
<td>Diane Stanely Clements, MS, LGC</td>
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<td>Brittany Psensky, MS, LGC</td>
<td>Julie Wood, MS</td>
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Activity Director
Charis Eng, MD, PhD
Hardis Chair, Genomic Medicine Institute
Director, Center for Personalized Genetic Healthcare
Cleveland Clinic

Cleveland Clinic Faculty
Adnan Alsadah, MD
Center for Personalized Genetic Healthcare

Peter Aziz, MD
Pediatric Cardiology

Angelika Erwin, MD, PhD
Center for Personalized Genetic Healthcare

David Flannery, MD
Center for Personalized Genetic Healthcare

Neil Friedman, MD
Director of the Center for Pediatric Neurosciences

Mazen Hanna, MD
Cardiovascular Medicine

Jennifer Hockings, PharmD, PhD
Center for Personalized Genetic Healthcare

Rebekah Moore, MS, LGC
Center for Personalized Genetic Healthcare

Rocio Moran, MD
Center for Personalized Genetic Healthcare

Lauren Palange, MS, LGC
Center for Personalized Genetic Healthcare

Dermot Phelan, MD, PhD
Director of the Sports Cardiology Center

Brittany Psensky, MS, LGC
Center for Personalized Genetic Healthcare

Lars Svensson, MD, PhD
Chair of the Heart and Vascular Institute

Kenneth Zahka, MD
Children’s Hospital and Pediatric Institute

Course Overview
This program, presented by Cleveland Clinic’s Genomic Medicine Institute, will provide the opportunity to review the latest advances in genetics and genomics and offer state-of-the-art information to healthcare providers treating patients with genetic conditions. Expert Cleveland Clinic faculty will share case-based presentations highlighting the advances of genetics and genomics in cardiovascular disorders.

Who Should Attend
We invite practitioners and healthcare professionals seeking to learn the latest developments in medical genetics, especially providers in Cardiology, Family Practice, Internal Medicine and Specialties, Pediatrics, and other health care professionals. Trainees and students with an interest in expanding their knowledge of genomic medicine and related topics are also encouraged to attend.

By Attending, You Will Be Able To:

- Assess novel genetic service delivery models in cardiovascular healthcare
- Describe present and emerging genetic technologies and their applications in cardiovascular healthcare
- Discuss current management practices of patients with a diagnosis of, or at high-risk for, hereditary cardiovascular disorders
- Review the social and ethical implications of genetic screening and testing in the cardiovascular healthcare setting
- Explore current reimbursement trends and cost savings strategies for genetic services
- Describe the importance and process of family history taking in cardiovascular disease
Thursday, September 13, 2018

A five minute Q&A is included in each speaker’s allotted time.

7:00 AM
Registration, Continental Breakfast

7:45 AM
Opening Remarks – Charis Eng MD, PhD

8:00 AM
Genetics Primer – Adnan Alsadah, MD

8:30 AM
Keynote: Aorta/Connective Tissue – Lars Svensson, MD, PhD

ACTA2 Spectrum/CNS Vasculopathy – Neil Friedman, MD

9:00 AM
Fabry Disease – Angelika Erwin, MD, PhD

10:00 AM
Break

10:15 AM
Social Media and Your Professional Life – Rebekah Moore, MS, LGC

10:45 AM
Pharmacogenomics – Jennifer Hockings, PharmD, PhD

11:15 AM
Variants of Uncertain Significance, Limitations of Genetic Testing, Interpretation of Panels – Lauren Palange, MS, LGC

11:45 AM
Lunch

12:45 PM
Congenital Heart Disease – Rocio Moran, MD

1:15 PM
Hypertrophic Cardiomyopathy – Kenneth Zahka, MD

1:45 PM
Care of Athletes with Inherited Cardiac Disease – Dermot Phelan, MD, PhD

2:15 PM
New Treatments for Cardiac Amyloidosis – Mazen Hanna, MD

2:45 PM
Inherited Cardiomyopathies / Role of Genetics in Autopsies for Sudden Death – Peter Aziz, MD

3:15 PM
Break

3:30 PM
Family History Taking in Cardiovascular Disease – Brittany Psensky, MS, LGC

4:00 PM
Telegenetics Update – David Flannery, MD

4:30 PM
Your Genes, Your Wine, Your Health – Charis Eng, MD, PhD

5:00 PM
Adjourn/Reception

(agenda is subject to change)
Faculty Disclosure
The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Genomic Medicine Institute
Launched in 2005, the Genomic Medicine Institute (GMI) is housed in the Lerner Research Institute’s Center for Genomics Research Building. GMI is specifically designed to enhance translational genomic medicine. The open design laboratory space is next to GMI’s clinical unit, the Center for Personalized Genetic Healthcare (CPGH), the Genomic Medicine Biorepository (GMB) and the Genomics Core Facility.

Vision
To bring genetic and genomic expertise to all of Cleveland Clinic’s clinical care subspecialties.

Mission
To translate genetic research discoveries into better patient care by engaging in clinical practice, research and education; to provide a work culture that enables us to bring genetics and genomics, through our research and clinics, into all subspecialties of the Cleveland Clinic’s healthcare system; and to foster innovation toward realizing the benefits of personalized genomic-based healthcare.

Clinical Expertise
Center for Personalized Genetic Healthcare (CPGH) is the Cleveland Clinic’s first comprehensive clinical genetics program, providing family history-based disease risk assessment and management for prenatal to adult onset disorders.

CPGH’s genetic experts (5 Geneticists and 14 Genetic Counselors) work closely with Cleveland Clinic’s healthcare professionals to provide genetic counseling services and, if appropriate, genetic testing. Clinical genetics care is integrated throughout the Cleveland Clinic system in over 24 locations. CPGH provides genetic counseling and testing services in the areas of:

- Cancer genetics
- Cardiovascular genetics
- General genetics
- Preconception & Prenatal genetics
- Neurogenetics and Neurometabolism

Appointments: 216.636.1768
EPIC Order: Consult to Genetic Counseling
Website: www.ccf.org/cpgh

Deadline for Registration and Cancellation
Preregistrations are accepted online until 9:00 AM ET September 12, 2018. To register after this date, please do so onsite. In case of cancellation, a full refund will be made if canceled by September 6, 2018. After September 6, a $25 cancellation fee will be deducted from your refund. Written notification of your cancellation is required in order to process your refund. NO REFUNDS WILL BE ISSUED AFTER September 12, 2018.

Registration
Register online at: www.ccfcme.org/genetics

- Physicians - $100
- Non-physicians- $25
- Resident*/Fellows* - $25
- Cleveland Clinic Alumnus - $25

Registration fee includes: symposium session, continental breakfast, refreshment breaks, lunch, reception, and syllabus.

For questions concerning registration, email cmeregistration@ccf.org or call 216.448.8710.

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.