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### **AGENDA**

Introduction **Gregg Fonarow, MD (Chair)** 

A New Era of Personalized Treatment of HFrEF **Gregg Fonarow**, MD

Improving Contractility and Outcomes in Patients with HFrEF Scott Solomon, MD

**Omecamtiv Mecarbil for HFrEF Management:** Additional Insights John Teerlink, MD

Case Presentation: "Current and Emerging Treatment Options for the Patient with Worsening HF" Jane Wilcox, MD, MSc

### **CHAIR**

#### **Gregg Fonarow, MD**

Interim Chief, UCLA Division of Cardiology Eliot Corday Chair in Cardiovascular Medicine and Science Professor of Medicine David Geffen School of Medicine at UCLA Los Angeles, California

# FACULTY

#### Scott Solomon, MD

The Edward D. Frohlich Distinguished Chair Professor of Medicine Harvard Medical School Boston, Massachusetts



#### John Teerlink, MD

Professor of Medicine University of California, San Francisco School of Medicine Director of Heart Failure San Francisco Veterans Affairs Medical Center San Francisco, California

#### Jane Wilcox, MD, MSc

Associate Professor of Medicine Northwestern University Feinberg School of Medicine Chicago, Illinois



Bldg. 3, Suite 48



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Emerging Evidence Persp



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This program is



sponsored by

Saturday, November 13, 2021

**5:30 рм – 7:00 рм (Eastern Time)** AND ON-DEMAND

Chair **Gregg Fonarow, MD** Faculty Scott Solomon, MD John Teerlink, MD Jane Wilcox, MD, MSc

This event is not part of the official Scientific Sessions 2021 as planned by the AHA Committee on Scientific Sessions Programming.

> This activity is supported by an independent educational grant from Cytokinetics Incorporated.





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### **PROGRAM OVERVIEW**

A central factor in the pathogenesis of heart failure (HF) with reduced ejection fraction (HFrEF) is the initial decrease in systolic function. Pharmacological agents that improve myocardial performance can be categorized based on 3 myocardial mechanisms: calcitropes, which alter intracellular calcium concentrations; myotropes, which affect the molecular motor and scaffolding; and mitotropes, which influence energetics. Omecamtiv mecarbil, an investigational therapy which improves contraction by a novel mechanism of action, has demonstrated a reduction in the risk of a composite of a first heart failure event or cardiovascular death, with an excellent safety and tolerability profile.

New therapies are becoming available for the treatment of HFrEF, providing the clinician with more opportunities for an individualized approach to pharmacotherapy. Patients with worsening HF are particularly challenging; guideline-directed medical therapy (GDMT) often cannot be optimized in these patients due to a variety of factors (such as multiple organ system involvement, lower glomerular filtration rate, higher risk of hyperkalemia, lower systolic blood pressure, and higher risk of medication side effects/intolerance). There is an unmet need for new therapies to improve ventricular performance and clinical outcomes in this difficult-totreat patient population. In this program, HF experts will provide insights into mechanisms for improving myocardial contractility and clinical evidence and emphasize the need for a more personalized treatment of HFrEF. A case discussion will illustrate current best practices for patients with worsening HF, and identify a potential role for emerging therapies.

# **TARGET AUDIENCE**

This educational activity is intended for clinicians who manage patients with heart failure (HF).

# EDUCATIONAL OBJECTIVES

Upon completion of this activity, participants should be able to:

- Categorize pharmacologic agents that improve myocardial contractility based on distinct myocardial mechanisms
- Interpret analyses from a clinical outcomes trial with omecamtiv mecarbil in patients with heart failure with reduced ejection fraction (HFrEF)
- Discuss the treatment of patients with worsening HF

# EDUCATIONAL GRANT

Voxmedia International gratefully acknowledges the educational grant provided by Cytokinetics Incorporated.

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# **Managing the Heart Failure Patient with Reduced Ejection Fraction:**

New Perspectives and **Emerging Evidence** 

> AND ON-DEMAND at AHA Scientific Sessions 2021

5:30 PM – 7:00 PM (Eastern Time)

Chair **Gregg Fonarow**, MD Faculty Scott Solomon, MD John Teerlink, MD





Saturday, November 13, 2021

Jane Wilcox, MD, MSc