



WORLD MEDICAL INNOVATION FORUMSM
CARDIOVASCULAR | MAY 1-3, 2017

World Medical Innovation Forum

The World Medical Innovation Forum is a global gathering of more than 1,000 senior health care leaders in the heart of Boston. It was established to respond to the intensifying transformation of health care and its impact on innovation. The Forum is rooted in the belief that no matter the magnitude of that change, the center of health care needs to be a shared, fundamental commitment to collaborative innovation – industry and academia working together to improve patient lives.

The 2017 World Medical Innovation Forum will feature the newest technologies to diagnose, treat and manage cardiovascular and cardiometabolic disease.

CARDIOVASCULAR | May 1–3, 2017
worldmedicalinnovation.org

Cardiovascular Care

Cardiovascular and cardiometabolic care are among the core drivers of the current healthcare revolution. With 24 million heart disease-related deaths forecasted for 2030, current legacy delivery systems are undergoing disruption by a convergence of new therapies, new technologies, digital integration and the engagement of completely new industries to move patients to improved health and sustained well-being.

At more than \$200 billion annually, cardiovascular remains health care's largest market. It is dominated by drugs for the treatment of hypertension, hyperlipidemia, thrombosis, and cardiomyopathy, as well as devices for coronary and peripheral vascular interventions, rhythm management, and valve repair. See first hand how these traditional fields are being transformed by innovative approaches combining new therapies, 'omics, digital diagnostics, education and engagement with new delivery platforms to significantly enhance the lives of millions of patients worldwide.

**Every Speaker An Expert.
Every Panel Unique.
Every Seat Invaluable.**

Featured speakers include more than 100 CEOs, Senior Harvard Medical School faculty, top cardiovascular innovators, leading investors and national journalists.

Keynoters

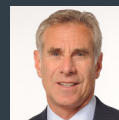
Currently confirmed speakers, additional speakers to be announced soon



Robert Bradway
CEO, Amgen



Michael Mahoney
CEO, Boston Scientific



George Barrett
CEO, Cardinal Health



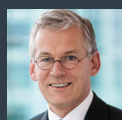
Omar Ishrak, PhD
CEO, Medtronic



John Lechleiter, PhD
Chairman,
Eli Lilly and Company



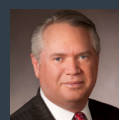
John Flannery
CEO, GE Healthcare



Frans van Houten
CEO, Philips



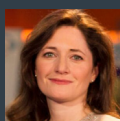
Michael Mussallem
CEO, Edwards Lifesciences



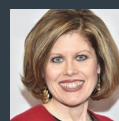
Timothy Ring
CEO, Bard



Tony Coles, MD
CEO, Yumanity Therapeutics



Jessica Mega, MD
CMO, Verily



Nancy Brown
CEO, American
Heart Association



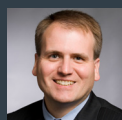
Gary Gibbons, MD
Director, NHLBI



Sue Siegel
CEO, GE Ventures &
healthymagination



Bernd Montag, PhD
CEO, Siemens Healthcare



Jonathan Rennert
CEO, ZOLL Medical



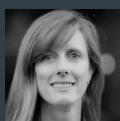
Michael Minogue
CEO, Abiomed



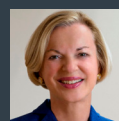
Stéphane Bancel
CEO, Moderna



Robert Califf, MD
Commissioner (*former*),
Food and Drug
Administration



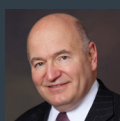
Tamara Syrek Jensen
Director, Coverage and
Analysis Group, CMS



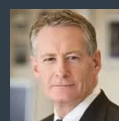
Betsy Nabel, MD
President, Brigham
and Women's Hospital



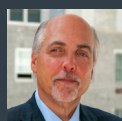
Paul Fonteyne
CEO, Boehringer
Ingelheim USA



Richard Migliori, MD
EVP Medical Affairs and CMO,
UnitedHealth Group



Paul LaViolette
Managing Partner and COO,
SV Life Sciences Advisers



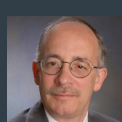
Michael Jaff, DO
President, Newton-Wellesley
Hospital, Partners HealthCare;
Professor of Medicine,
Harvard Medical School



Ora Pescovitz, MD
SVP and US Medical Leader,
Eli Lilly and Company



**Jean-François
Formela, MD**
Partner, Atlas Venture



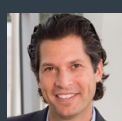
**Joseph Loscalzo,
MD, PhD**
Chairman, Department of
Medicine, Physician-in-Chief,
Brigham and Women's
Hospital; Hersey Professor
of the Theory and Practice
of Medicine, Soma Weiss,
MD Distinguished Chair in
Medicine, Harvard Medical
School



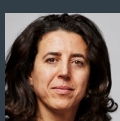
**Katrina Armstrong,
MD**
Physician-in-Chief,
Department of Medicine,
Massachusetts General
Hospital; Jackson Professor
of Clinical Medicine,
Harvard Medical School



Jeff Mirviss
SVP and President,
Peripheral Interventions,
Boston Scientific



Tassos Gianakakos
CEO, MyoKardia



**Fouzia Laghrissi-
Thode, MD**
VP, Therapy Area,
Cardiovascular & Metabolism,
AstraZeneca

Panels

ATHEROSCLEROSIS

1. New Targets in Coronary Artery Disease
2. **CLINICAL HIGHLIGHT:** A New Chapter of PAD

CLINICAL EVIDENCE & CARE PATHWAY

3. **CLINICAL HIGHLIGHT:** Optimizing Care for the 51%:
New Market Opportunities
4. Global Clinical Trials:
Next Generation Design and Scalability
5. Reinventing Cardiac Care
6. Innovation in Translational Trials

HEART FAILURE

7. Heart Failure's Therapeutic Mandate

INNOVATION AND POLICY

8. CEO Roundtable:
Today's Learnings, Tomorrow's Opportunities
9. Pricing to Enable Affordability and Innovation
10. 1:1 Fireside Chat: Robert Califf, MD, Commissioner
(former), Food and Drug Administration
11. CV Investing in the Next Decade

METABOLIC SYNDROME

12. **FOCUS SESSION:** Japan Today:
Advancing Cardiometabolic Therapies
13. The Skinny on Fat: Therapeutic Opportunities

MODALITIES

14. Disruptive Therapeutic Platforms:
New Tools, New Outcomes
15. Personal Monitoring for Disease Management
16. Precision Cardiovascular Medicine:
What is Different This Time

RHYTHM DISORDERS

17. Tackling the AFib Epidemic

STRUCTURAL HEART

18. **CLINICAL HIGHLIGHT:** Emerging Devices
for Complex Structural Heart Disease

SPECIAL HIGHLIGHTS

Austen-Braunwald Innovation Award
Directors Perspective:
Current and Former NHLBI Heads
Discovery Cafés*
Disruptive Dozen*
First Look*

*Details on page 5

18 total, under development



Breakthrough Technologies



First Look

The Next Wave of Cardiovascular Breakthroughs

Monday | May 1, 2017 | 8AM

Young Harvard Medical School investigators describe their most promising work in rapid fire presentations highlighting commercial opportunities in cardiovascular and cardiometabolic care. Twenty rising stars from Brigham and Women's Hospital and Massachusetts General Hospital will present in 10-minute sessions.



Discovery Cafés

Lunch with Top Cardiovascular Leadership from across Partners HealthCare

Monday | May 1, 2017 | NOON

Intensive 90-minute workshops led by senior Harvard faculty will address cutting-edge cardiovascular topics. Seating is reserved at the point of registration. Lunch included.

Cardiac Replacement Therapy: The Next Ten Years

Heart Failure: Back in The Game through New Pathways

Payment Models: Provider's Perspective

Molecular Imaging:

New Biological Endpoints – Function Over Structure

Open Innovation in Medical Devices:

What is it? What Are the Barriers?

Wearables for Cardiovascular Health:

How to Validate and Integrate in Care Paths?

Image Based Artificial Intelligence:

Which Cardiac Disease Segments and Why?

Austen-Braunwald Innovation Award

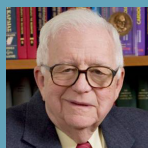
Honoring Two Pioneers

The inaugural Austen-Braunwald Innovation Award will be awarded to honor a single BWH and single MGH First Look presenter who embodies the innovative, entrepreneurial and forward thinking of these global leaders. The two \$10,000 awards will be granted based on selection committee on overall presentation quality, innovativeness, commercial potential, caliber of disruption and market need.



W. Gerald Austen, MD

Surgeon-in-Chief, Emeritus, MGH;
Chairman, MGH Chiefs Council;
Edward D. Churchill Distinguished
Professor of Surgery at HMS



Eugene Braunwald, MD

Physician-in-Chief, Emeritus, BWH;
Founding Chair, TIMI Study Group;
Distinguished Hersey Professor of
Medicine at HMS



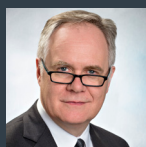
Disruptive Dozen

Celebrate the Selection of the 12 Most Disruptive Technologies in Cardiovascular Care

Wednesday | May 3, 2017 | NOON

Harvard faculty from Brigham and Women's Hospital and Massachusetts General Hospital select the technologies that will have the greatest impact on cardiovascular and cardiometabolic care in the next decade. The top 12 will be announced by a panel of BWH and MGH clinical experts.

Steering Committee



Calum MacRae, MD, PhD
Chief of Cardiovascular Medicine,
Brigham and Women's Hospital;
Associate Professor of Medicine,
Harvard Medical School
(World Forum Co-Chair)



Anthony Rosenzweig, MD
Chief, Cardiology Division,
Massachusetts General Hospital;
Professor of Medicine,
Harvard Medical School
(World Forum Co-Chair)



Morris Birnbaum, MD, PhD
SVP and CSO, Cardiovascular and Metabolic
Disease Research Unit, Pfizer



Elazer Edelman, MD, PhD
Senior Attending Physician, Brigham and
Women's Hospital; Professor of Medicine,
Harvard Medical School; Thomas D. and
Virginia W. Cabot Professor of Health
Sciences and Technology, MIT



Jean-François Formela, MD
Partner, Atlas Venture



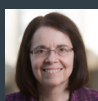
Michael Jaff, DO
President, Newton-Wellesley Hospital,
Partners HealthCare; Professor of Medicine,
Harvard Medical School



Farouc Jaffer, MD, PhD
Director, Coronary Intervention, Cardiac
Catheterization Laboratory, Cardiology
Division, Massachusetts General Hospital;
Associate Professor of Medicine,
Harvard Medical School



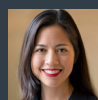
Sekar Kathiresan, MD
Director, Center for Human Genetic Research,
Massachusetts General Hospital;
Associate Professor of Medicine,
Harvard Medical School



Anne Klibanski, MD
Chief Academic Officer, Partners HealthCare;
Laurie Carrol Guthart Professor of Medicine,
Academic Dean for Partners,
Harvard Medical School



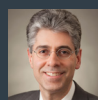
Paul LaViolette
Managing Partner and COO,
SV Life Sciences Advisers



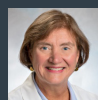
Laura Mauri, MD
Director, Division of Cardiovascular Medicine
Center for Clinical Biometrics and Harvard
Clinical Research Institute, Brigham and
Women's Hospital; Associate Professor
of Medicine, Harvard Medical School



Robert Plenge, MD, PhD
Vice President, Merck



Marc Sabatine, MD
Chairman, TIMI Study Group, Lewis Dexter,
MD Distinguished Chair in Cardiovascular
Medicine, Brigham and Women's Hospital;
Professor of Medicine,
Harvard Medical School



Christine Seidman, MD
Director, Cardiovascular Genetics Center,
Brigham and Women's Hospital; Professor
of Medicine, Harvard Medical School



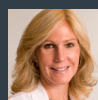
Jagmeet Singh, MD, DPhil
Associate Chief, Cardiology Division,
Massachusetts General Hospital Heart
Center; Professor of Medicine,
Harvard Medical School



Thor Sundt, MD
Chief, Division of Cardiac Surgery,
Director, Corrigan Minehan Heart Center,
Massachusetts General Hospital; Churchill
Professor of Surgery, Harvard Medical School



Craig Thompson, MD
CMO, Interventional Cardiology,
Boston Scientific



Malissa Wood, MD
Co-Director, Corrigan Women's Heart Health
Program, Massachusetts General Hospital;
Associate Professor of Medicine,
Harvard Medical School

Sponsors

STAKEHOLDER

**Boston
Scientific**
Advancing science for life™

STRATEGIC

AMGEN®

Lilly



COLLABORATOR

AstraZeneca



BARD

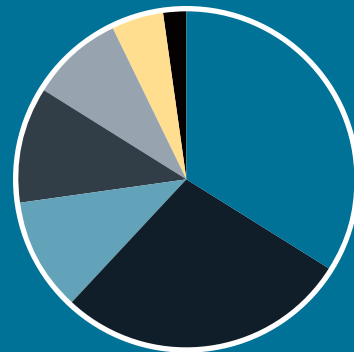


MINTZ LEVIN
Mintz Levin Cohn Ferris Glovsky and Popeo PC



STAT

World Medical Innovation Forum Audience



2016 n= 1030

| | |
|--------------------------------------|-----|
| ○ Clinicians and Investigators | 34% |
| ● Life Science and Biopharmaceutical | 28% |
| ○ Device and HIT | 11% |
| ● Venture and Legal | 11% |
| ● Foundations and Government | 9% |
| ● Media | 5% |
| ● Other | 2% |



95%

of 2016 attendees
felt the World Forum
exceeded expectation

Connect with Us

LINKEDIN

Partners HealthCare Innovation

TWITTER

@PartnersWMIF

YOUTUBE

World Medical Innovation Forum

WEB

worldmedicalinnovation.org

BLOG

worldmedicalinnovation.org/blog



The World Medical Innovation Forum is brought to you by:



FOUNDED BY BRIGHAM AND WOMEN'S HOSPITAL
AND MASSACHUSETTS GENERAL HOSPITAL



BRIGHAM AND
WOMEN'S HOSPITAL



MASSACHUSETTS
GENERAL HOSPITAL



McLean HOSPITAL
HARVARD MEDICAL SCHOOL AFFILIATE



NEWTON-WELLESLEY
HOSPITAL



SPAULDING
REHABILITATION NETWORK



INNOVATION

innovation.partners.org