

*Prefinal 10 September 2019*

# Cardiology Update | 19 LONDON

[www.cardiologyupdate.uk](http://www.cardiologyupdate.uk)

## The Royal Brompton & Harefield Christmas Postgraduate Course

December 16<sup>th</sup>-17<sup>th</sup>, 2019

Venue: The Royal Society of Medicine  
1 Wimpole St, Marylebone, London W1G 0AE, UK

### Course Directors:

Thomas F. Lüscher, MD, FRCP, FESC  
Richard Grocott-Mason, MD, FRCP  
Kim Fox, MD, FRCP, FESC

### Co-Course Directors

Bernard J. Gersh, MD, FACC  
Peter Libby, MD, FACC

### Programme Director

Ruth Amstein, PhD, FESC  
Zurich Heart House



ZURICH  
HEART HOUSE  
foundation for  
cardiovascular  
research



University of  
Zurich <sup>UZH</sup>

In collaboration with



MAYO CLINIC



BRIGHAM AND  
WOMEN'S HOSPITAL

**Monday, December 16<sup>th</sup>, 2019**  
Venue: The Royal Society of Medicine

**08:30 – 09:00 Welcome Address**

**08:30** Kim Fox, London and Thomas F. Lüscher, London

**08:45- 09:45 Opening Lectures: Frontiers in Cardiovascular Science**

Chairs: Kim Fox, London and Richard Grocott-Mason, London

**08:45** *Opening Lecture 1:*  
Artificial intelligence: What does it provide for medicine? Paul A. Friedman, Rochester

**09:15** *Opening Lecture 2:*  
Environmental hazards and cardiovascular disease:  
A call for action Thomas Münzel, Mainz

**09:45-10:15 Coffee Break**

**10:15-12:15 Session 1: Risk Factors and Prevention**

Chair: Melvin D. Lobo, London; Richard Grocott-Mason, London and Robert F. Storey, Sheffield

10:15 Hypertension: drugs or devices? Felix Mahfoud, Homburg/Saar

10:35 Dyslipidaemias: How do the new ESC Guidelines  
affect my practice? Alberico L. Catapano, Milan

10:55 Genetic tools to treat lipid disorders: PCSK9 inhibition and beyond Kausik Ray, London

11:15 Diabetes (new ESC Guidelines) Francesco Cosentino, Stockholm

11:35 Cardiovascular risk management in diabetes John Deanfield, London

11:55 Panel Discussion All

**12:15-13:15 Oral Anticoagulation in Atrial Fibrillation: Optimising patient management**

*Sponsored by Daiichi-Sankyo*

Chair: A. John Camm, London

12:15 Introduction A. John Camm, London

12:20 Anticoagulation in high-risk patients Deirdre Lane, Liverpool

12:40 Edoxaban in AF ablation: the ELIMINATE-AF Trial Stefan Hohnloser, Frankfurt

13:00 Panel discussion All

13:10 Key messages and closing remarks A. John Camm, London

**13:15-14:00 Lunch Buffet**

## 14:00-16:15 Session 2: Acute and Chronic Coronary Syndromes

Chairs: Andreas Baumbach, London; Jonathan Hill, London and Ahmed Magdy, Cairo

- 14:00 A reassessment of the mechanisms of the acute coronary syndromes Peter Libby, Boston  
14:20 Chronic coronary syndromes: Revascularization strategies William Wijns, Galway  
(new ESC Guidelines)  
14:40 Chronic coronary syndromes: Diagnostic aspects and noninvasive testing Jeroen J. Bax, Leiden  
(new ESC Guidelines)  
15:00 A patient with chronic coronary syndromes:  
How to implement the new ESC Guidelines (interactive voting) Lorenz Räber, Berne  
15:20 "INOCA" and "MINOCA": prevalence, prognosis and diagnostic assessment Filippo Crea, Rome  
15:40 Long-term secondary prevention after MI:  
DAPT, DATT or antiplatelet monotherapy? Robert F. Storey, Sheffield  
16:00 Panel discussion All

### 16:15-16:45 Coffee Break

## 16:45-18:30 Session 3: Arrhythmias

Chair: Shouvik Haldar, London and Tom Wong, London

- 16:45 Supraventricular tachycardias (new ESC Guidelines) Carina Blomstrom-Lundqvist, Uppsala  
17:05 Pathophysiology and management of clinically silent AF Bernard J. Gersh, Rochester  
17:25 Atrial fibrillation: medical therapy or ablation? A. John Camm, London  
17:45 The Apple Heart Study: Will the smartwatch replace the doctor? Paulus Kirchhof, Birmingham  
18:05 Panel discussion All

### 18:30 Cocktail Reception

## Tuesday, December 17<sup>th</sup>, 2019

Venue: The Royal Society of Medicine

## 08:30-10:30 Session 4: Valvular Heart Disease: Catheter-based or open surgery?

Chairs: Jeroen J. Bax, Leiden; Miles Dalby, Harefield and Milton Packer, Dallas

- 08:30 *Debate*: Aortic stenosis: What is left for surgery?  
Very little Stephan Windecker, Berne  
Quite a lot Thomas Walther, Frankfurt  
09:10 Mitral regurgitation: Mitraclip vs. surgery Bernard Prendergast, London  
09:30 A challenging patient with mitral regurgitation (interactive voting) Rob Smith, London  
09:50 Tricuspid regurgitation: the new frontier Francesco Maisano, Zurich  
10:10 Panel discussion All

### 10:30-11:00 Coffee Break

**11:00-12:30 Session 5: Chronic Heart Failure**

Chairs: Paul Kalra, Portsmouth and Marco Metra, Brescia

11:00	Management of HFrEF: from diuretics to ARNI and beyond	Milton Packer, Dallas
11:20	Evidence-based therapies in HFpEF	Martin Cowie, London
11:40	New drugs for diabetes and HF	Stefan Anker, Berlin
12:00	Which patients benefit from CRT?	John Cleland, Glasgow
12:20	Panel discussion	All

**12:30-13:00 Frontiers in Renal Nerve Ablation***Sponsored by Ablative Solutions*

Chairs: Bernard Gersh, Rochester and Thomas F. Lüscher, Zurich

12:30	Renal nerve ablation: Current evidence and future perspectives	Melvin Lobo, London
12:40	Alcohol ablation of renal nerve alcohol: Radiofrequency or ultrasound energy or alcohol?	Felix Mahfoud, Homburg/Saar
12:50	Panel discussion	All

**13:00-13:45 Lunch Buffet****13:45-15:15 Session 6: Acute and Advanced Heart Failure**

Chairs: Sir Magdi Yacoub, London and John Cleland, Glasgow

13:45	Optimal medical treatment for acute and advanced HF	Marco Metra, Brescia
14:05	Mechanical circulatory support: indications and outcome	Mandeep R. Mehra, Boston
14:25	Heart transplantation: for whom?	Marisa G. Crespo Leiro, La Coruña
14:45	Palliation and advanced care planning in HF	Miriam Johnson, Hull
15:05	Panel discussion	All

**15:15-15:30 Coffee Break****15:30-16:30 Session 7: Cardio-oncology**

Chair: Martin Cowie, London and Mandeep Mehra, Boston

15:30	Cancer and cardiovascular disease	Thomas Suter, Berne
15:50	Cardiotoxicity of chemotherapy: Which drugs matter?	Alexander Lyon, London
16:10	Amyloidosis: novel treatment options	Philip N. Hawkins, London

**16:30-17:00 The Paul Hamilton Wood Lecture**

Chairs: Kim Fox, London and Thomas F. Lüscher, London

16:30	UK Biobank: A powerful tool to gain novel insights into cardiovascular disease	Rory Collins, Oxford
17:00	Wrap-up and Close	Thomas F. Lüscher, London