



2nd Fetal Cardiac Function Symposium

BARCELONA
October 8th, 2019

2nd Fetal Cardiac
Function
Symposium



Tuesday, October 8th, 2019

Session I

Chair: *Mark Friedberg, Toronto*
Eduard Gratacos, Barcelona

- 09.00 Cardiac function and deformation - the basics
- 09.45 Fetal myocardial (micro-) structure in health and disease
- 10.30 *Coffee break*

Bart Bijnens, Barcelona
Andrew Cook, London

Session II

Chair: *Bart Bijnens, Barcelona*
Fatima Crispi, Barcelona

- 11.00 Fetal haemodynamics - insight from computational models
- 11.30 Fetal MRI - from structure to flow
- 12.00 New Applications for assessing fetal ventricular function using speckle tracking analysis: size, shape, and contractility
- 12.30 *Lunch*

Patricia Garcia Cañadilla, Barcelona
Mike Seed, Toronto

Greggory DeVore, Los Angeles CA

Session III

Chair: *Mar Bennasar, Barcelona*
Patricia Garcia Cañadilla, Barcelona

- 14.00 The transition from fetus to neonate - what changes?
- 14.30 The growth-restricted heart
- 15.00 The fetal right ventricle - how does it react to loading changes?
- 15.30 *Coffee break*

Adam Lewandowski, Oxford
Fatima Crispi, Barcelona
Mark Friedberg, Toronto

Session IV

Chair: *Fatima Crispi, Barcelona*
Olga Gomez, Barcelona

- 16.00 Coarctation of the aorta, does it differ from aortic stenosis?
- 16.30 Assessing function in a hypoplastic ventricle
- 17.00 Will machine learning solve all of the above problems?
- 17.30 End of the Course

Bart Bijnens, Barcelona
Mark Friedberg, Toronto
Oscar Camara, Barcelona

Congress Location

UNIVERSITAT POMPEU FABRA
POBLENOU CAMPUS
AUDITORIUM
Carrer de Roc Boronat, 138
08018 Barcelona, Spain

Symposium Director

Bart Bijens
Universitat Pompeu Fabra
Barcelona

Organizing Secretariat



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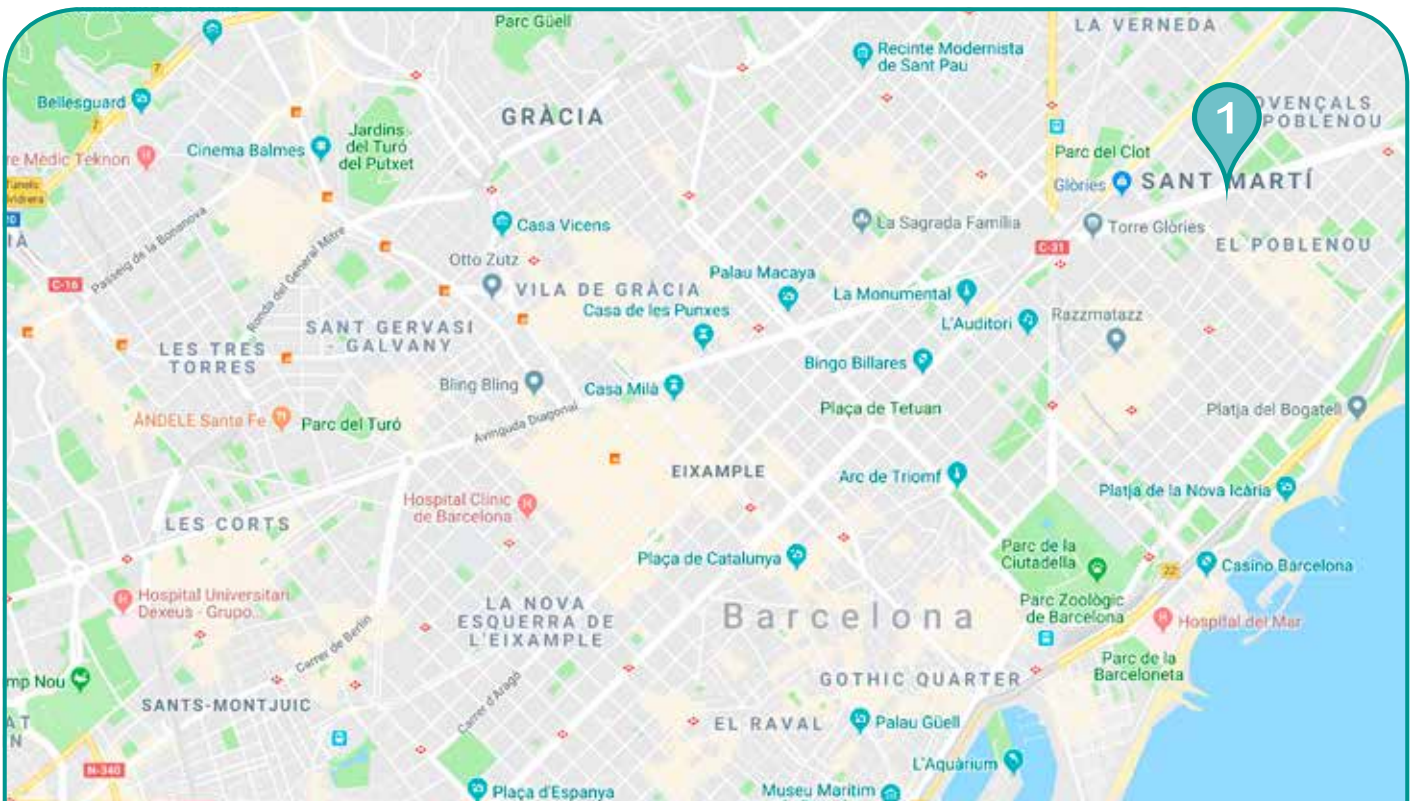
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