

# 3<sup>rd</sup> International Meeting on Aortic Diseases

New insights into an old problem

CHU Liège, FAD, APF

**Course Director:**  
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Victor LEGRAND  
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October 4-6  
**2012**

Congress Center  
Liège, Belgium

[www.chuliege-ima.be](http://www.chuliege-ima.be)

18 CREDITS



**CHU**  
de Liège

## 3<sup>rd</sup> International Meeting on Aortic Diseases

New insights into an old problem

October 4-6 2012 • Liège • Belgium

**D**uring IMAD 2012, many world renowned scientists will share their experience and knowledge on exciting new discoveries and advances on clinical, genetic and pathophysiological aspects of aortic diseases. Our main goal remains the same: helping the patient. This means developing better diagnostic tools and treatment options for aortic diseases based on the very latest scientific knowledge and clinical experience.

### The Course Directors

#### Abstract and awards:

Abstracts are being accepted and will be considered for short (5') oral or poster presentation. APF will award the four best posters and/or communications:

- **Raymond Limet Prizes (750 € and 500 €)** will be given to the two best posters/short communications on natural history and/or pathophysiology of abdominal aortic aneurysms
- **Camillo Di Croce Prizes (750 € and 500 €)** will be given to the two best posters/short communications on familial and/or genetic aspects of aneurysms.

**Deadline for submissions: June 30 2012**

by e-mail to [carzouyan@divine-id.com](mailto:carzouyan@divine-id.com)

More information on [www.chuliege-ima.be](http://www.chuliege-ima.be)

#### Under the patronage of:



- University of Liège
- Cardiovascular Surgery Department of CHU of Liège
- Province of Liège
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# Thursday October 4



- 07.30 Welcoming coffee**  
**08.00 Welcome addresses**
- I Genetics, genomics and pathobiology of thoracic aortic diseases**  
**Eric Allaire and John A. Elefteriades**
- 08.30** TBA, **Bart Loeys**
- 08.50** Comparative biology of progressive dilatation (aneurysm) versus acute intraparietal rupture (dissection) of the human ascending aorta, **Jean-Baptiste Michel**
- 09.10** Antagonism of GxxPG-fragments ameliorates manifestations of aortic disease in Marfan syndrome mice, **Peter N. Robinson**
- 09.30** Biomarkers of TAAD, **John Elefteriades**
- 09.50 Coffee break**
- 10.20** Root aneurysm protects against systemic atherosclerosis, **John A. Elefteriades**
- 10.35** Medical treatment of Marfan syndrome, **Guillaume Jondeau**
- 10.55** Surgical treatment of ascending aortic aneurysms, **John Elefteriades**
- 11.05** An effective medical therapy for thoracic aneurysms: statins, **John Elefteriades**
- 11.20** Talks selected from submitted abstracts
- 11.45 POSTERS SESSION 1**
- 12.30 Lunch**
- I Clinical management and treatment of thoracic aortic diseases**  
**Jean-Olivier Defraigne and Christoph Nienaber**
- 13.30** Gender differences in aortic dissection, **Martin Czerny**
- 13.50** Evolution of IMH, **Rossella Fattori**
- 14.10** Long-term outcomes of proximal and distal dissection of aortic dissection type B, **Christoph Nienaber**
- 14.30** Management of acute complicated aortic dissection type B, **Germano Melissano**
- 14.50 Coffee break**
- 15.15** Tips and tricks to deliver a stengraft to the ascending aorta, **Tilo Kölbel**
- 15.35** Lessons learned from early experiences on TEVAR for ascending aortic aneurysms, **Stéphane Haulon**
- 15.45** The Paris experience in debranching for arch aneurysms and type B dissections, **Eric Allaire**
- 15.55** Surgical options to treat aortic dissections, **Hans-Joachim Schäfers**
- 16.10** Hybrid interventions for aortic dissection, **Karsten Büniger**
- 16.25** Dissection with Malperfusion surgical – by PETITCOAT, **Stephan Kische**
- 16.40** Discussion
- 17.00 Interactive discussions:**  
- Clinical case debate: for/against, **Christoph Nienaber**  
- Medical treatment or surgical options for asymptomatic type B dissections, **Thomas Billfinger**
- 17.20** Talks selected from submitted abstracts
- 17.50 POSTERS SESSION 2**

# Friday October 5

## 07.30 Welcoming coffee

### | Epidemiology of AAA

Frank Lederle

08.00 Aortic aneurysms: changes in epidemiology vs. changes in clinical practice, [Janet Powell](#)

08.20 Gender differences in AAA, [Rebecka Hultgren](#)

08.40 Pattern and associations of AAA enlargement, [Frank Lederle](#)

09.00 What can we learn from the non-aneurysmal infrarenal aortic diameter? [Paul Norman](#)

09.20 Talks selected from submitted abstracts

## 09.45 Coffee break

### | Genetics and genomics of AAA

Helena Kuivaniemi

10.15 The German-Dutch-Australian AAA Expression Consortium

10.35 Transcriptional genomics of AAA, [Gerard Tromp](#)

10.55 LRP5 gene polymorphisms and AAA genetic susceptibility, [Betti Giusti](#)

### | Pathophysiology and biomarkers of AAA

Gillian Cockerill and Jean-Baptiste Michel

11.15 Involvement of cell death in the pathophysiology of AAA, [Gillian Cockerill](#)

11.35 Identification of novel biomarkers of AAA by proteomic analysis, [Martin Ventura](#)

11.55 On the potential increase of the oxidative stress status in patients with AAA, [Joel Pincemail](#)

12.15 Role of signaling pathways in aortic aneurysms, [Koichi Yoshimura](#)

12.30 Talks selected from submitted abstracts

## 13.00 Lunch



## Satellite symposium on perfusion Tips and tricks for a better management in aortic surgery: a team building

[Francine Blaffart](#), [Filip De Somer](#)

10.15 Welcome addresses, [Francine Blaffart](#)

10.20 Physiopathology of hypothermia, [Filip De Somer](#)

10.50 Surgical approach of visceral, cord and cerebral protection, [Marc Schepens](#)

11.20 Monitoring of the cerebral perfusion, [John Murkin](#)

11.50 Coagulation management, [Niels Rahe Meyer](#)

12.20 CPB and aortic surgery: the state of the art, [Marc Lagny](#)

12.50 Closing remarks, [Filip De Somer](#)



# Friday October 5



## Clinical management and treatment of distal arch, thoraco-abdominal and abdominal aortic aneurysms | PART 1

Nicos Labropoulos and Eric Verhoeven

- 14.00 What is the best option for arch aneurysms, Furuzan Numan
- 14.10 Treatment of complex aortic aneurysms with fenestrated and branched grafts : technicals ins and outs, results and future options, Eric Verhoeven
- 14.30 When is surgery suitable for thoraco-abdominal aortic aneurysms? Michael Jacobs
- 14.40 Extended aortic aneurysm repair with arch replacement is feasible and safe without circulatory arrest and hypothermia, Patrice Bergeron
- 14.50 Discussion

### 15.15 Coffee break

## Clinical management and treatment of distal arch, thoraco-abdominal and abdominal aortic aneurysms | PART 2

Nicos Labropoulos and Hendrik Van Damme

- 15.45 Latest results of Endurant registries, Hence Verhagen
- 15.55 Early experience with the snorkel technique for juxtarenal aneurysms, Ron Dalman
- 16.05 The factors influencing the outcome of ruptured AAA, Apostolos Tassiopoulos
- 16.15 Endovascular repair of AAA: counterbalancing the benefits with the costs, Athanasios Giannoukas
- 16.25 Discussion
- 16.50 **Debate and interactive discussions,** Nicos Labropoulos & Hendrik Van Damme
  - Clinical Case debate: for/against, Nicos Labropoulos
  - The status of EVAR for ruptured AAAs, Frank Veith
  - EVAR for ruptured AAAs, early results, Frank Vermassen
- 17.15 Talks selected from submitted abstracts
- 17.30 **POSTERS SESSION 3**



## Special parallel satellite symposium: AAA Genetics, Matt Bown and Greg Jones

- 14.00 Identification of the LRP1 locus in AAA, Matt Bown
- 14.20 Genetic studies of AAA, David Carey
- 14.40 Mendelian randomisation to validate causal relationships in AAA - IL6 as an exemplar, Seamus Harrison
- 15.00 Discussion
- 15.15 **Coffee break**
- 15.45 Pathway directed analysis of AAA genome-wide datasets, Greg Jones
- 16.05 The AAA consortium: Report on AAA GWAS meta-analysis, TBA
- 16.25 Follow-up of GWAS observations; determining functional and clinical relevance, TBA
- 16.45 Talks selected from submitted abstracts
- 19.30 **Official dinner**

# Saturday October 6



## 07.30 Welcoming coffee

### | Epidemiology, genetics and pathophysiology of valvular diseases

Per Eriksson and Victor Legrand

08.00 Genetics and pathophysiology of bicuspid and tricuspid aortic valve disease. What we learned from the ASAP study? Per Eriksson

08.20 Biomechanical implications of bicuspid aortic valve, Alessandro Della Corte

08.40 Aortic root morphology in bicuspid and tricuspid aortic valve surgery, Anders Franco-Cereceda

09.00 Paradoxical low flow, low gradient in aortic valve stenosis, Jean Dumesnil

09.20 Talks selected from submitted abstracts

## 09.45 Coffee break

### | Clinical management and treatment of valvular diseases

Victor Legrand and Marc A. Radermecker

10.15 New ESC/EACTS guidelines in the management of asymptomatic severe aortic stenosis, Luc Pierard

10.35 Outcome of the aortic valve replacement for stenosis and regurgitation, Patrick Nataf

10.55 TAVI, indication and management of complications, Carlo Di Mario

11.15 Factors influencing the long term results of aortic valvuloplasty, Gebrine El Khoury

## 11.30 Interactive discussions:

- Clinical case debate: for/against, Victor Legrand
- Bicuspid valve: repair vs. replacement, Guido Van Nooten
- Aortic stenosis in octogenarian: TAVI vs. Surgery, Inez Rodrigus

## 12.00 Lunch

### | Recent advances and future directions of aortic diseases

Frank Lederle

13.00 Why the EVAR trials are misleading: EVAR is better than open repair in fit and unfit patients, Frank Veith

13.15 Introduction of AAA healing by a short administration of cyclosporine A: from the lab to a clinical trial in France, Eric Allaire

13.30 AAA and inflammation: the problem or the solution? Jan Lindeman

13.45 Discussion

14.00 Final results of the VA Open vs. Endovascular Repair (OVER) trial for AAA, Frank Lederle

14.20 Does PET scan reliably predict AAA rupture? Natzi Sakalihan

14.35 The biomechanical AAA rupture risk, Christian Gasser

14.50 Regional mechanical properties of AAA tissue and finite element analysis of rupture risk, Tim McGloughlin

15.00 The role of HDL in AAA: a nation-wide case control study (N=50,000), and a prospective cohort growth study of AAA diagnosed by population-based screening (N=500), Jes Lindholt

15.20 Talks selected from submitted abstracts

16.00 Young investigator awards and concluding remarks

## 16.30 Adjournment

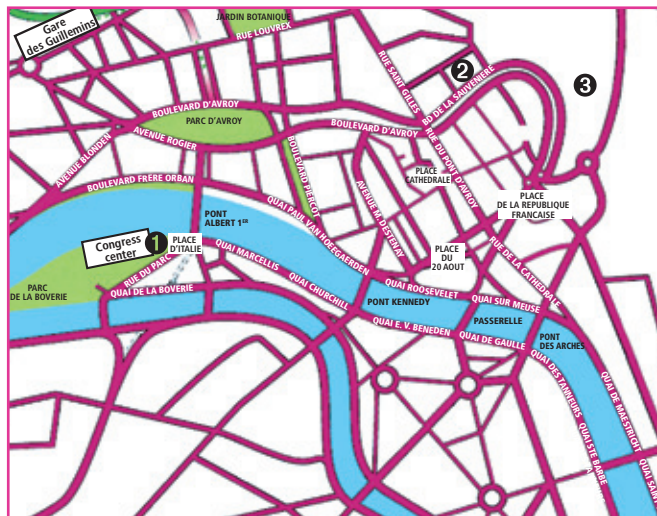
# General information



## Venue of the meeting

### Congress center

Esplanade de l'Europe, 2 • 4020 Liège, Belgium  
[www.palaisdescongresliege.be](http://www.palaisdescongresliege.be)



- 1. Holiday Inn Liège Palais des Congrès\*\*\*\***  
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## ACCOMMODATION

divine [id] has made reservations for participants at privileged rates at different hotels (free shuttle provided between hotels and Congress venue). To benefit from these rates, please return your housing form as soon as possible, indicating the hotel of your choice and a second choice, should the first not be available. Upon receiving the accommodation form, together with a deposit of one night accommodation, a booking confirmation letter will be sent to the participant by email. The balance has to be paid one month before arrival. The daily hotel tax and any other extra are payable directly to the hotel on departure. Any booking & changes must be communicated in writing to divine [id] before September 3.

A 10% administrative fee will be charged for any cancellation. After Sept. 3, no refund will be paid.

## OFFICIAL LANGUAGE

The official language of the sessions is English.

## IMPORTANT DEADLINES

- Abstract competition for poster or short communication . . . **June 30**
- Early bird fees . . . . . **July 15**
- Hotel reservation . . . **Sept. 3**
- Pre-registration . . . **Sept. 21**

## TARGET AUDIENCE

- Cardiovascular and thoracic surgeons
- Anaesthesiologists
- Cardiologists
- Radiologists
- Geneticists
- Basic scientists
- Ultrasound technicians and nurses
- Students

## SOCIAL EVENT

**IMAD Official dinner:**  
Friday, October 5, 19.30  
Participation fee: 50 € per person.  
All registrants are welcome with one guest.

## REGISTRATION FEES

**Included in the registration:** congress bag, final program, abstract book, access to all scientific sessions, exhibition hall, breakfasts, coffee breaks and lunches.  
Day passes for October 4, 5 and 6 are available and can only be purchased onsite. The first author from each selected abstract or poster of the competition will benefit from the reduced fee of 170 € before July 15 or 220 € after July 15.

## ACCESS

In Liège, free shuttles will be provided between hotels and the Congress venue (on mornings & evenings of the scientific sessions days only).

## By car

Follow the signs "Liège" or "Luik".

## By train

Liège-Guillemins train station. High speed trains from Paris, Brussels, Cologne and Amsterdam. Regional and inter-city trains from most Belgian cities. [www.sncb.be](http://www.sncb.be)

## By air

- Liège-Bierset Airport.  
[www.liegeairport.com](http://www.liegeairport.com)
- Brussels National Airport (Zaventem) or Brussels South Airport (Charleroi). Then take a train to Liège (approx. 1 hour).  
[www.brusselsairport.be](http://www.brusselsairport.be)

## EVENT COORDINATORS' CONTACTS

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