



2nd International  
Conference on

# Frontiers in Vascular Medicine

26 – 28 October 2007

Rydges Hotel, Melbourne CBD

Victoria, Australia



**MONASH** University  
Medicine, Nursing and Health Sciences



## Welcome

Dear colleagues,

It is our great pleasure to announce that the second Frontiers in Vascular Medicine meeting will be held between the 26 and 28 of October 2007 in Melbourne, Australia. The purpose of this scientific meeting is to bring together basic and clinical scientists with interests in vascular biology, disease and imaging, to address the recent advances in their areas of research and clinical work. The meeting also aims to promote active participation and more collaboration in the research of vascular biology and medicine amongst scientists and clinicians in universities, research institutes and hospitals.

On behalf of the organizing committee I am delighted to invite you to attend this scientific event.

Looking forward to seeing you in Melbourne in October 2007.



A handwritten signature in black ink that reads "Paul M. Vanhoutte".

Professor Paul M Vanhoutte  
Scientific Chair  
Head of the Department of Pharmacology  
Li Ka Shing Faculty of Medicine  
The University of Hong Kong, China

## Frontiers in Vascular Medicine

Vascular disease leads to both, of myocardial infarction and stroke, and still represents the number-one-cause of death world-wide. Alarmingly, the socio-economic impact of vascular disease is predicted to increase even further in the future with the aging and Westernisation of much of the world's population. Even with recent advances in therapy we do not know enough about the causes to reliably identify and treat a high proportion of cases, let alone substantially prevent vascular disease. Moreover, there is a need to move away from treating symptoms and generalising risk reduction strategies towards mechanism-based treatment and personalised vascular medicine. Recent breakthroughs in identifying novel mechanisms and their diagnostic as well as therapeutic application are exciting new developments toward that long-term objective. These topics and more will be the focus of the 2nd International conference on Frontiers in Vascular Medicine (FVM 2007).

Following on from the resounding success of the previous FVM meeting in 2005, FVM 2007 will bring together internationally renowned experts in the field of vascular medicine with the brightest young emerging scientists to exchange and discuss state-of-the-art findings on the Frontiers in Vascular Medicine. Apart from this scientific exchange at the highest level, the meeting intends to foster future collaborations in international research structures.

The three-day program will cover a cross-section of hot topical areas including cardiovascular imaging, clinical biomarkers and diagnostics for cardiovascular diseases, ROS and endothelial dysfunction, cerebral and microvascular circulation, stem cells, venous circulation and emerging cardiovascular drugs. It will include a plenary lecture by Nobel Laureate Prof Ferid Murad as well as numerous keynote speakers. In addition, FVM 2007 will provide a framework for free oral and poster communications.

## The Centre for Vascular Health

Since its launch at the first FVM in 2005, the Centre for Vascular Health (CVH) has matured into a cross-faculty, inter-institution and inter-disciplinary research centre at Monash. The mission of the CVH is to advance the understanding, diagnosis and therapy of cardiovascular disease and to make prevention and cure of stroke, heart and vascular disease a realistic option. To achieve this, the CVH has successfully built capacity in:

- molecular and vascular clinical imaging;
- biomarkers/*in vitro* diagnostics; and
- drug discovery.

With this world class capacity in place and outstanding national and international collaborators, the CVH has all elements necessary to successfully contribute to the development of new paradigms for screening and diagnosis of subclinical atherosclerosis and hypertension as well as preserving vascular health.

Thanks for sharing, discussing and advancing our vision.

Welcome to Melbourne.



A handwritten signature in black ink that reads "H Schmidt".

Professor Harald Schmidt  
Director Centre for Vascular Health  
Head of the Department of Pharmacology  
School of Biomedical Sciences  
Monash University

## Topics

- Vascular imaging
- Vascular heterogeneity
- Nitric oxide and oxidative stress in endothelial dysfunction
- Vascular biomarkers and *in vitro* diagnostics
- Obesity and diabetic vasculopathy
- Vascular therapeutics
- Stem cells – pro and contra
- Young investigator award
- Moderated poster session
- Free communications in all sessions

## Plenary speaker

Ferid Murad (USA), Nobel Laureate

## Confirmed keynote speakers and chairs include:

Lawrie Beilin (Perth)  
Michael Berndt (Melbourne)  
Thomas Braun (Germany)  
Delphine Behr-Roussel (France)  
Jaye Chin-Dusting (Melbourne)  
Kevin Croft (Western Australia)  
Michael Davies (Sydney)  
Michel Félétou (France)  
Mario Genero (Argentina)  
Robert Graham (Sydney)  
Stephen Harrap (Melbourne)  
Silviu Itescu (USA)  
Graham Jenkin (Melbourne)  
Zvonimir Katusic (USA)  
Karl-Heinz Krause (Switzerland)  
Valery Khramtsov (USA)  
Harald Lapp (Germany)  
James Leiper (UK)  
Martin Paul (Germany)  
Alan Sawyer (Melbourne)  
Johannes-Peter Stasch (Germany)  
Roland Stocker (Sydney)  
Helena Teede (Melbourne)  
Merlin Thomas (Melbourne)  
Hideo Utsumi (Japan)  
Paul Vanhoutte (Hong Kong)  
Tony Verbeuren (France)  
Gerrit Weimann (Germany)

## Local organisers

Dr Grant Drummond  
(Head, Vascular Biology)  
Dr Barbara Kemp–Harper  
(Head, Vascular Signalling)  
Prof Barry McGrath  
(Clinical Director, Centre for Vascular Health, and Department of Medicine)  
A/Prof Helena Parkington  
(Department of Physiology)  
Dr Stavros Selemidis  
(Head, Molecular Imaging)  
A/Prof Chris Sobey  
(Head, Vascular Pharmacology)  
Dr Kirstin Wingler  
(CSO, Centre for Vascular Health)

## FVM Scientific Advisory Board

The scientific excellence of the FVM 2007 conference will be ensured and benchmarked through consultation with and evaluation by the FVM Scientific Advisory Board.

This Scientific Advisory Board will be chaired by Professor Paul Vanhoutte (Hong Kong, Past President of IUPHAR).

Confirmed members include Prof Greg Dusting (Melbourne), Prof Lawrie Beilin (Perth), and Prof Ulrich Walter (Germany).

## Contacts

### Secretariat

ASN Events Pty Ltd  
Phone: +61 3 5983 2400  
Email: [sm@asnevents.net.au](mailto:sm@asnevents.net.au)

### Scientific

Centre for Vascular Health  
Department of Pharmacology  
School of Biomedical Sciences  
Monash University, Clayton campus  
Wellington Road, Victoria 3800  
Australia

For detailed information or to register or submit an abstract go to [www.frontiers-in-vascular-medicine.info](http://www.frontiers-in-vascular-medicine.info).

## Founding member

Servier – Australia

## Key dates

### Conference

26–28 October 2007

### Earlybird registration

Register before 1 August 2007

### Abstracts submission

Closes 30 August 2007

### All conference information

[www.frontiers-in-vascular-medicine.info](http://www.frontiers-in-vascular-medicine.info)

## Conference registration

### Register online

A secure site is provided for registration online. All registrants are sent a confirmation email and tax invoice at the time of lodgement. Group registrations are welcome and there must be a nominated team leader. This leader will receive updates on who is registering under their name and a group tax invoice will be sent to them in due course. Credit card payments can be made with VISA or MasterCard, direct payment or by cheque. All online registrations are checked by the secretariat before any credit card authorisation is sought. It is impossible for the secretariat to charge the same registration twice if you inadvertently repeat the process. If there is any query they will contact you. If you wish to make changes after registration, simply email the request to the secretariat.

### Registration details

All registration fees include the following items:

- All delegate material
- Welcome function
- Morning, afternoon teas and lunch
- Saturday and Sunday

### Conference dinner

The conference dinner will be held at the Melbourne Cricket Ground (MCG).

The conference dinner is a separate fee (\$110). Students will be subsidised (\$80).

Registration type	Cost
Full early conference registration (before 1 August 2007)	\$395
Full conference registration	\$495
Full conference late registration (after 19 October 2007)	\$545
Student	
Student early registration (before 1 August 2007)	\$195
Student registration	\$295
Student late registration (after 19 October 2007)	\$345
Exhibitor	
Additional exhibitor registration	\$250

Additional function type	Cost
Included welcome function	Free for all full conference delegates
Additional welcome function	\$55
Conference dinner – MCG, Melbourne	\$110
Student conference dinner – MCG, Melbourne	\$80



**The Conference Dinner will be held in the Jim Stynes room looking out over the hallowed turf of the world-famous Melbourne Cricket ground.**

The MCG is more than simply one of the world's great sporting arenas. For over 150 years it has been Melbourne's heartbeat.

Here, giants have lived up to a nation's hopes, heroes have strode the corridors, moments of suspense and majesty have held the country and the world breathless.

To step inside the MCG is to be energised by a spirit of greatness.

## Conference venue

The 2nd International Conference on Frontiers in Vascular Medicine will be held at:

Rydges Hotel Melbourne  
186 Exhibition Street  
Melbourne

## Accommodation

Delegate accommodation has been reserved at Rydges Melbourne and can be booked through the online registration. Payment for at least one night is required at the time of booking. Full refunds can be made on accommodation cancellations until two weeks prior to your arrival.

## Cancellation policy

### Before 1 August 2007

A cancellation fee of \$100 will apply to cancellations before this date.

### From 2 August 2007

No refund is given although registrations can be transferred to an alternative delegate.

### Abstract rejected

If you have submitted an abstract that is completely rejected by the program committee (not deemed suitable for an oral or poster presentation) you will be entitled to a refund of your entire registration fee without penalty. Please make a request in writing to the conference organisers [sm@asnevents.net.au](mailto:sm@asnevents.net.au) by 15 September 2007.

Hotel	Accommodation type	Price
<b>Rydges Melbourne</b> (conference venue)	Deluxe Queen/twin	\$170 per room per night  (Full buffet breakfast is available to delegates for \$20 per person per day and can be charged to your room.)
<b>The Victoria Hotel</b> 215 Little Collins Street Melbourne 7-minute walk to conference venue	Heritage room Double/twin	\$139 per room per night  (Breakfast available for \$16 per person)
<b>Quest Hero on Russell</b> 140 Little Collins Street Melbourne 5-minute walk to conference venue	2 bedroom loft apartment (1x queen, 2 x singles beds)	\$260 per apartment per night
	3 bedroom apartment (2 x queen, 2 x single beds)	\$360 per apartment per night

# Frontiers in Vascular Medicine 2007

Tentative program (confirmed speakers/chairs only)

Venue: Rydges Hotel, Melbourne CBD

Friday, 26 October	
2 – 5 pm	<b>Registration</b>
5 pm	<b>Welcome</b> Harald Schmidt Warwick Anderson (NHMRC, Australia)
5:30 – 6:30 pm	<b>Session 1: Stem cells – pro and contra</b> Chairs include: Graham Jenkin (MISCL, Melbourne) Speakers: Thomas Braun (Max-Planck Institute Bad Nauheim, Germany) Silviu Itescu (Columbia University, USA)
6:30 – 7:30 pm	<b>Plenary lecture</b> (sponsored by Merck Sharp & Dohme – Australia) Speaker: Ferid Murad, Nobel Laureate (The University of Texas-Houston Health Science Center, USA)
8 pm	<b>Informal get-together</b> Finger food and drinks
Saturday, 27 October	
8:30 – 10:15 am	<b>Session 2: Vascular imaging</b> Chairs include: Stavros Selemidis (Monash University, Melbourne) Five speakers including: Hideo Utsumi (Kyushu Uni, Japan) Valery Khramtsov (The Ohio State University, USA)
10:15 – 10:45 am	Coffee break
10:45 – 12:55 pm	<b>Session 3: Nitric oxide and oxidative stress in endothelial dysfunction</b> Chairs: Michael Davies (Heart Research Institute, Sydney) and Grant Drummond (Monash University, Melbourne) Five speakers including: Roland Stocker (University of Sydney) Kevin Croft (University of WA) Michel F élétou (Servier, France) Karl-Heinz Krause (Geneva, Switzerland)
1 – 2 pm	Lunch break
2 – 3:30 pm	<b>Session 4: Vascular heterogeneity 1 – Venous and microvascular circulation</b> Chairs include: Barry McGrath (Monash University, Melbourne) Four speakers including: Paul Vanhoutte (University of Hong Kong) Jaye Chin-Dusting (Baker Heart Research Institute, Melbourne)
3:30 – 5:30 pm	<b>Moderated poster session</b> Tea break

5:30 – 6:50 pm	<p><b>Session 5: Obesity and diabetic vasculopathy</b></p> <p>Chairs include: Helena Teede (Southern Health, Melbourne) and Helen Parkington (Monash University, Melbourne)</p> <p>Four speakers including: Merlin Thomas (Baker Heart Research Institute, Melbourne) Iain Clarke (Monash University, Melbourne)</p>
7.30 pm	<b>Conference dinner (MCG, Melbourne)</b>
<b>Sunday, 28 October</b>	
9:15 – 11 am	<p><b>Session 6: Vascular heterogeneity 2 – Cerebral and pulmonary circulation</b></p> <p>Chairs include: Chris Sobey (Monash University, Melbourne)</p> <p>Five speakers including: Zvonimir S Katusic (Majo Clinic, USA) Gerrit Weimann (Bayer HealthCare, Germany)</p>
11 – 11:30 am	Coffee break
11:30 – 12:30 pm	<p><b>Session 7: Young Investigator session</b></p> <p>Chairs: Lawrie Beilin (University of Western Australia, Perth) and Barbara Kemp-Harper (Monash University, Melbourne)</p> <p>Four speakers: tba</p>
12:30 – 1:30 pm	Lunch break
1:30 – 3:20 pm	<p><b>Session 8: Vascular biomarkers and in vitro diagnostics</b></p> <p>Chairs: Michael Berndt (Monash University, Melbourne) and Stephen Harrap (University of Melbourne)</p> <p>Five speakers including: James Leiper (UCL, UK) Delphine Behr-Roussel (France) Mario Hugo Genero (Argentina) Alan Sawyer (Melbourne)</p>
3:20 – 3:45 pm	Coffee break
3:20 – 5:35 pm	<p><b>Session 9: Vascular therapeutics</b></p> <p>Chairs: Martin Paul (Charite, Germany) and Robert Graham (Victor Chang Cardiac Research Institute)</p> <p>Five speakers including: Johannes-Peter Stasch (Bayer HealthCare, Germany) Harald Lapp (Erfurt, Germany) Tony Verbeuren (Servier, France)</p>
5:35 – 5:45 pm	<b>Presentation of awards</b>
5:45 – 6 pm	<p><b>Closing remarks, farewell</b></p> <p>Paul Vanhoutte (Hong Kong)</p>

## Awards

### Young Investigator Oral Award (\$500)

Sponsored by Clinical Science

Applicants must be a current student or be a postdoctorate within two years of receiving your PhD.

### Student Poster Prize (\$300)

Must be a current student doing honours or a PhD.

Applications for both awards can be done online when submitting your abstract.

## Presentation types

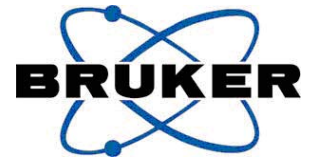
Submissions will be accepted for oral presentation and poster presentation. Although authors may indicate their preference for type of presentation, the final acceptance with regard to presentation type will be at the discretion of the FVM Scientific Advisory Board.

## Submitting an abstract

Abstracts must be submitted before 30 August 2007.

## Condition of acceptance

The presenting author will be required to register for the meeting.



Disclaimer: The information in this brochure was correct at the time of publication. Monash University reserves the right to alter fees, regulations and procedures should the need arise.

The inclusion of course details in this brochure in no way creates an obligation on the part of the university to teach it in any given year, or in the manner described. The university reserves the right to discontinue or vary courses at any time without notice. Students should always check with the relevant faculty officers when planning their courses and consult other information such as handbooks and websites for the most current information. July 2007