15th Annual Pittsburgh Vascular Symposium

19th Surgical & Radiological Endovascular Symposium (SRES)

SPONSORED BY
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
UPMC Heart and Vascular Institute

COURSE CO-DIRECTORS

Jean-Michel Bartoli, MD
Radiology and Medical Imaging
Hôpital de la Timone
Marseille, France

Michel S. Makaroun, MD
Co-Director, UPMC Heart & Vascular Institute
Professor and Chair
Division of Vascular Surgery

Michael D. Dake, MD
Thelma and Henry Doelger Professor (III)
Department of Cardiothoracic Surgery
Stanford University School of Medicine
Stanford, CA

Philippe Piquet, MD
Vascular Surgery
Hôpital de la Timone
Marseille, France

ASSOCIATE COURSE CO-DIRECTORS

Efthymios Avgerinos, MD
Associate Professor of Surgery
Division of Vascular Surgery

Eric S. Hager, MD
Assistant Professor of Surgery
Division of Vascular Surgery

Rabih A. Chaer, MD, MSc
Residency and Fellowship Program Director
Professor of Surgery
Division of Vascular Surgery

Steven A. Leers, MD, RVT
Medical Director, UPMC Vascular Laboratories
Associate Professor of Surgery
Division of Vascular Surgery

May 24-26, 2018
Fairmont Pittsburgh Downtown
Pittsburgh, Pennsylvania
OVERVIEW
This 2½ day joint international CME conference will include discussion, case presentations, and care demonstrations. Presenters from academic and clinical settings will cover such topics as extremity arterial diseases, aortic aneurysms, thoracic aortic diseases and dissection, carotid artery stenosis, varicose veins, and vascular ultrasound. A multidisciplinary panel of national and international speakers from vascular surgery, vascular medicine, cardiology, interventional radiology, and nephrology will provide a state of the art update on the treatment of vascular disease and discuss new innovations in the field. Questions and answer sessions, panel discussions, and a dedicated vascular ultrasound course will also be incorporated.

OBJECTIVES
At the conclusion of the program, attendees should be able to:
• Explain the current standards of care for aortic and peripheral artery disease processes
• Identify and distinguish the various aspects of a modern vascular medical and surgical practice
• Recognize implications of a new era in health care delivery related to vascular pathology
• Delineate the optimal treatment strategies for patients with extremity arterial diseases, aortic aneurysms, thoracic aortic diseases and dissection, carotid artery stenosis, and varicose veins
• Discuss in detail multiple areas of cardiovascular medicine
• Draw informed clinical decisions in cardiovascular medicine
• Forecast and discuss important issues and trends in cardiovascular medicine
• Assess health locally and regionally by evaluating the quality of medical care and disease prevention.

WHO SHOULD ATTEND
This course is designed for primary care providers, cardiologists, interventionalists, vascular surgeons, and other interested health care professionals who provide primary care services.

CONTINUING EDUCATION CREDITS
This activity has been approved for AMA PRA Category 1 Credit™.
LOCATION AND ACCOMMODATIONS

The conference will be held in the Grand Ballroom on the second floor of the Fairmont Pittsburgh Hotel, located at 510 Market Street, Pittsburgh, PA 15222.

PARKING

Parking is on your own and facilities are available across the street from the Fairmont Pittsburgh Hotel.

SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling 412-802-3031.

VISIT THE UPMC HEART AND VASCULAR INSITUTE WEBSITE

The UPMC Heart and Vascular Institute invites you to visit our website at UPMC.com/HVI. Learn more about us and receive information about the conditions we treat, treatment options, specialty programs, services, research and education, our experts, patient stories, and locations.

15th Annual
Pittsburgh Vascular Symposium

19th Surgical & Radiological Endovascular Symposium (SRES)

SCIENTIFIC PROGRAM AGENDA:
THURSDAY, MAY 24, 2018

7:00 am    Continental Breakfast and Registration
7:50 am    Welcome and Opening Remarks
Michel S. Makaroun, MD

Scientific Session I — Carotid / Cerebrovascular

Moderators: Frank J. Veith, MD, Barry T. Katzen, MD, and TBD

8:00 am    Neurovascular Imaging: CTA, MRA or Duplex — All for one, one for all.
Olivier Naggara

8:08 am    Update on the CREST-2 Trial: Will best medical therapy replace interventions in asymptomatic disease?
Barry T. Katzen, MD

8:16 am    TCAR: A better approach to CAS or simply a better mouse trap to exclude non-surgeons?
Rabih A. Chaer, MD, MSc

8:32 am    Can we modulate hypertension through the carotid bulb?
Kim J. Hodgson, MD

8:40 am    Active catheters: What do they add?
Raphaël Blanc

8:48 am    Discussion

9:00 am    Cerebrovascular Case Presentation
Vascular Fellow — TBD (FRENCH CASE)
May 24, 2018 — Continued

9:05 am  U.S. Fellow Analysis
Elizabeth Genovese, MD

9:12 am  French Fellow Analysis
Vascular Fellow — TBD

9:19 am  Discussion and Voting by Moderators and Audience

9:30 am  Break and Exhibits

Scientific Session II — Abdominal Aortic
Moderators:  R. Clem Darling III, MD, Laurent Chiche,
Frank J. Veith, MD, and TBD

10:00 am  Digital simulation of aortic stent-grafts: Towards full
computer assisted planning
Jean-Noël Albertini

10:08 am  How is EVAR better than open repair for aortic ruptures
despite 4 negative randomized trials?
R. Clem Darling III, MD

10:16 am  Robotic surgery for the abdominal aorta: Young
surgeons should pay attention
Fabien Thaveau

10:24 am  Unusual surgical procedures for complex aortic lesions
Laurent Chiche

10:32 am  Internal Iliac artery preservation during EVAR:
A welcome reality for an active lifestyle
Darren B. Schneider, MD

10:40 am  Laser In Situ Stent Graft Fenestration during
Complex EVAR
Hicham Kobeiter

10:48 am  Discussion

11:00 am  Aortic Case Presentation
Vascular Fellow — TBD (U.S. CASE)

11:05 am  French Fellow Analysis
Vascular Fellow — TBD

11:12 am  U.S. Fellow Analysis
Vascular Fellow — TBD

11:19 am  Discussion and Voting by Moderators and Audience

11:35 am  Special Lecture: Observational or Randomized Studies
Philippe L. Pereira
SLK-Kliniken Heilbronn
Heilbronn, Germany

Noon  News from Industry
Moderators: Jean-Michel Bartoli, MD, and TBD

12:30 pm  Lunch and Exhibits

Scientific Session III — Venous Thromboembolism
Moderators:  Rabih A. Chaer, MD, MSc and TBD

1:30 pm  Pre-operative imaging for acute and chronic DVT
Faculty — TBD

1:38 pm  Venous stents: When to use them, Techniques, and
How durable are they?
Michael J. Singh, MD, FACS, RPVI

1:46 pm  Are the Results of the ATTRACT trial attractive and how
will they change our approach to acute DVT?
Rabih A. Chaer, MD, MSc

1:54 pm  Venous interventions we do now that we didn’t
do 20 years ago
Daniel Sze, MD, PhD

2:02 pm  Catheter-directed thrombolysis for pulmonary embolism
Efthymios Avgerinos, MD

2:10 pm  Contemporary management of arteriovenous
malformations
Denis Herbreteau

2:18 pm  Discussion

2:30 pm  Venous Case Presentation
Vascular Fellow — TBD (U.S. CASE)

2:35 pm  French Fellow Analysis
Vascular Fellow — TBD

2:42 pm  U.S. Fellow Analysis
Vascular Fellow — TBD

2:49 pm  Discussion and Voting by Moderators and Audience

3:00 pm  Break and Exhibits
### Scientific Session IV – Visceral Disease / Miscellaneous

**Moderators:** Michael J. Singh, MD, FACS, RPVI and TBD

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>3:30 pm</td>
<td>Complex renal artery disease: My endovascular arsenal</td>
<td>Louis Boyer</td>
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<tr>
<td>3:38 pm</td>
<td>Non-atheromatous renal artery stenosis: Evaluation, treatment and follow up</td>
<td>Hélène Vernhet-Kovacsik</td>
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<td>3:46 pm</td>
<td>Mesenteric ischemia: To stent or to bypass?</td>
<td>Malachi Sheahan III, MD</td>
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<td>3:54 pm</td>
<td>Endovascular management of visceral aneurysms: The French experience</td>
<td>Romaric Loffroy</td>
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<td>4:02 pm</td>
<td>Risk management: The French paradox</td>
<td>Jean-Paul Beregi</td>
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<td>4:10 pm</td>
<td>Radiation Safety: Who should care and how to improve it?</td>
<td>Melissa Kirkwood, MD</td>
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<td>4:18 pm</td>
<td>Discussion</td>
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<td>4:30 pm</td>
<td>Visceral Case Presentation</td>
<td>Vascular Fellow — TBD (FRENCH CASE)</td>
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<td>4:35 pm</td>
<td>U.S. Fellow Analysis</td>
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<td>4:42 pm</td>
<td>French Fellow Analysis</td>
<td>Vascular Fellow — TBD</td>
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<td>4:49 pm</td>
<td>Discussion and Voting by Moderators and Audience</td>
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<tr>
<td>5:00 pm</td>
<td>Thursday Adjournment and Closing Remarks</td>
<td>Course Co-Cirectors: Drs. Bartoli, Dake, Makaroun, and Piquet</td>
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<td>7:00 pm</td>
<td>Reception</td>
<td>The Andy Warhol Museum</td>
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### Scientific Session V — Peripheral Vascular Disease

**Moderators:** Michael D. Dake, MD, Anton Sidawy, MD, Elixene Jean Baptiste, and TBD

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<tr>
<th>Time</th>
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<tr>
<td>8:00 am</td>
<td>Chronic limb ischemia: The effect of diabetes</td>
<td>Anton Sidawy, MD</td>
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<td>8:08 am</td>
<td>Developing a true CLI program: What does it involve?</td>
<td>Barry T. Katzen, MD</td>
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<td>8:16 am</td>
<td>How to prevent popliteal stenting failures</td>
<td>Elixene Jean Baptiste</td>
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<td>8:24 am</td>
<td>Drug elution: A game changer or not?</td>
<td>Kim J. Hodgson, MD</td>
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<td>8:32 am</td>
<td>Radial access for peripheral procedures</td>
<td>Philippe Cluzel</td>
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<td>8:40 am</td>
<td>Aortoiliac disease: What is left for open reconstructions?</td>
<td>Mohammad S. Eslami, MD</td>
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<td>8:48 am</td>
<td>Discussion</td>
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<td>9:00 am</td>
<td>PVD Case Presentation</td>
<td>Vascular Fellow — TBD (FRENCH CASE)</td>
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<td>9:05 am</td>
<td>U.S. Fellow Analysis</td>
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<td>9:19 am</td>
<td>Discussion and Voting by Moderators and Audience</td>
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<td>9:30 am</td>
<td>Break and Exhibits</td>
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Scientific Session VI — Thoracoabdominal Aorta

Moderators: Michael D. Dake, MD, Philippe Piquet, MD, Michel S. Makaroun, MD, and TBD

10:00 am  Management of aortic dissection: The team and logistics  
Jean-Marc Alsac

10:08 am  Type B dissection: Is medical Rx still the best option?  
Hervé Rousseau

10:16 am  Preoperative evaluation of spinal cord perfusion  
Pierre-Antoine Barral

10:24 am  Management of type A dissection: Setting the stage for future reinterventions  
Dominique Grisoli

10:32 am  Management of the false lumen after TEVAR  
Michael D. Dake, MD

10:40 am  Aortic remodeling after TEVAR for degenerative disease  
Philippe Piquet, MD

10:48 am  Discussion

11:00 am  Dissection Case Presentation  
Vascular Fellow — TBD (U.S. Case from Stanford University)

11:05 am  French Fellow Analysis  
Vascular Fellow — TBD

11:12 am  U.S. Fellow Analysis  
Vascular Fellow — TBD

11:19 am  Discussion and Voting by Moderators and Audience

11:35 am  Special Lecture: The Fellowship of Vascular Specialists  
Michael D. Dake, MD  
Thelma and Henry Doelger Professor (III)  
Department of Cardiothoracic Surgery  
Stanford University School of Medicine  
Stanford, CA

11:00 am  News from Industry  
Moderators: Philippe Piquet, MD, and TBD

12:30 pm  Lunch and Exhibits

Scientific Session VII — More Aortic Topics

Moderators: Michael D. Dake, MD, Philippe Piquet, MD, Michel S. Makaroun, MD, and TBD

1:30 pm  Multimodal fusion: Immediate and long term benefits for TEVAR and FEVAR  
Alexis Jacquier

1:38 pm  Ascending aortic surgery under videoscopy  
Marc Coggia

1:46 pm  Hybrid treatment for aortic arch lesions and indications for replacement of the ascending aorta  
Marine Gaudry

1:54 pm  Management of distal aortic arch disease  
Xavier Chaufour

2:02 pm  What is the best approach for descending thoracic aorta degenerative aneurysm?  
Jean Picquet

2:10 pm  Thoracic aortic fistula: A multidisciplinary challenge  
Mariangela De Masi

2:18 pm  Discussion

2:30 pm  Aortic Case Presentation  
Vascular Fellow — TBD (FRENCH CASE)

2:35 pm  U.S. Fellow Analysis  
Vascular Fellow — TBD

2:42 pm  French Fellow Analysis  
Vascular Fellow — TBD

2:49 pm  Discussion and Voting by Moderators and Audience

3:00 pm  Break and Exhibits

Scientific Session VIII — Embolization

Moderators: Daniel Sze, MD, PhD and Romaric Loffroy

3:30 pm  Basics of embolization  
Daniel Sze, MD, PhD

3:38 pm  Role of fusion in prostatic embolization  
Farouk Tradi

3:46 pm  Emborrhoid: Treatment of hemorrhoids with arterial embolization  
Jean-Michel Bartoli, MD
May 25, 2018 — Continued

3:54 pm  Endoleak management with embolization: Trans-arterial, trans-lumbar, and trans-caval
Hicham Kobeiter

4:02 pm  Endovascular embolization and stent grafts for trauma
Mohammad S. Eslami, MD

4:10 pm  Liquid embolic agents: Applications and pipeline products
Daniel Sze, MD, PhD

4:18 pm  Discussion

4:30 pm  Embolization Case Presentation
Vascular Fellow — TBD (U.S. CASE)

4:35 pm  U.S. Fellow Analysis
Vascular Fellow — TBD

4:42 pm  French Fellow Analysis
Vascular Fellow — TBD

4:49 pm  Discussion and Voting by Moderators and Audience

5:00 pm  Friday Adjournment and Closing Remarks
Course Co-Directors: Drs. Bartoli, Dake, Makaroun, and Piquet

6:00 pm  Pittsburgh Pirates Baseball Game (Pre-Game Festivities)
Pittsburgh Pirates versus St. Louis Cardinals
Game Time: 7:05 pm
PNC Park
115 Federal Street (North Shore)
Pittsburgh, PA 15212

Scientific Program Agenda — Saturday, May 26, 2018

7:00 am  Continental Breakfast and Registration

7:50 am  Welcome and Opening Remarks
Eric S. Hager, MD
Steven A. Leers, MD, RVT

Scientific Session IX — Venous Insufficiency / Dialysis Access
Moderators: Eric S. Hager, MD and Ulka Sachdev, MD

8:00 am  When and how to ablate the perforators
Eric S. Hager, MD

8:10 am  Ablation or foam for truncal insufficiency
Ulka Sachdev, MD

8:20 am  Endo venous U.S.-guided laser therapy of venous dysplasia
Lionel Bourgeois

8:30 am  Reappraisal of the Fistula First Initiative
Theodore Yuo, MD

8:40 am  Novel grafts in dialysis access
Efthymios Avgerinos, MD

8:50 am  Peritoneal dialysis
Eric S. Hager, MD

9:00 am  Percutaneous arteriovenous fistula creation
Timothy Wu, MD, MSc

9:10 am  Managing troublesome central venous occlusion
Theodore H. Yuo, MD, MSc

9:20 am  Percutaneous techniques for AV access maintenance
Theodore H. Yuo, MD, MSc

9:30 am  Break

Scientific Session X — Vascular Laboratory
Moderator: Steven A. Leers, MD, RVT

10:00 am  U.S. and CT multimodal fusion: Role in EVAR follow-up
Laurence Bal

10:10 am  RPVI Examination
Steven A. Leers, MD, RVT

10:20 am  Physics and transducers
Kyle Markel, MD

10:30 am  Cerebrovascular diagnosis
Heather L. Gornik, MD

10:40 am  Interesting carotid cases
Steven A. Leers, MD, RVT

10:50 am  Physiologic arterial testing
Thomas Reifsnyder, MD, RVT

11:00 am  Arterial duplex scanning
Heather L. Gornik, MD

11:10 am  Arterial testing after intervention
Thomas Reifsnyder, MD, RVT

11:30 am  Visceral scanning
Steven A. Leers, MD, RVT

Noon  Closing Remarks and Conference Adjournment
Course Co-Directors: Drs. Bartoli, Dake, Makaroun, and Piquet
FACULTY

LOCAL FACULTY — PITTSBURGH, PA

Georges Al-Khoury, MD
Assistant Professor of Surgery
Division of Vascular Surgery

Efthymios Avgerinos, MD
Associate Professor of Surgery
Division of Vascular Surgery

Rabih A. Chaer, MD, MSc
Residency and Fellowship Program Director
Professor of Surgery
Division of Vascular Surgery

Mohammad S. Eslami, MD
Professor of Surgery
Division of Vascular Surgery

Elizabeth Genovese, MD
Chief Resident, Division of Vascular Surgery

Eric S. Hager, MD
Assistant Professor of Surgery
Division of Vascular Surgery

Steven A. Leers, MD, RVT
Medical Director, UPMC Vascular Laboratories
Associate Professor of Surgery
Division of Vascular Surgery

Nathan Liang, MD
Resident, Division of Vascular Surgery

Michel S. Makaroun, MD
Co-Director, UPMC Heart and Vascular Institute
Professor and Chair
Division of Vascular Surgery

Kyle Markel, MD
Resident, Division of Vascular Surgery

Ulka Sachdev, MD
Associate Professor of Surgery
Division of Vascular Surgery

Gregory Salzler, MD
Fellow, Division of Vascular Surgery

Michael J. Singh, MD, FACS, RPVI
Associate Professor of Surgery
Division of Vascular Surgery

Edith Tzeng, MD
Professor of Surgery
Division of Vascular Surgery

Sung Yang, MD
Fellow, Division of Vascular Surgery

Theodore H. Yuo, MD, MSc
Assistant Professor of Surgery
Division of Vascular Surgery

INVITED FACULTY — UNITED STATES

Michael D. Dake, MD
Thelma and Henry Doelger Professor (III)
Department of Cardiothoracic Surgery
Stanford University School of Medicine
Stanford, CA

R. Clem Darling III, MD
President, The Vascular Group, PLLC
Chief, Division of Vascular Surgery, Albany Medical Center Hospital
Professor of Surgery, Albany Medical College
Chair, Vascular Educational Endowment Fund
Albany, NY

Heather L. Gornik, MD
Associate Professor
Department of Cardiovascular Medicine
Cleveland Clinic Heart and Vascular Institute
Cleveland, OH

Kim J. Hodgson, MD
Professor
Department of Surgery
Chair, Division of Vascular Surgery
Southern Illinois University
Springfield, IL

Barry T. Katzen, MD
Clinical Professor of Radiology, University of South Florida
College of Medicine
Associate Dean for Clinical Affairs, Florida International University
Herbert Wertheim College of Medicine
Founder and Medical Director, Miami Cardiac & Vascular Institute
Miami, FL

Melissa Kirkwood, MD
Associate Professor of Surgery
Division of Vascular Surgery
University of Texas Southwestern Medical Center
Dallas, TX
Jean M. Panneton, MD, FRCSC, FACS
Professor of Clinical Surgery
Vascular Surgery Chief & Program Director
Eastern Virginia Medical School
Norfolk, VA

Thomas Reifsnyder, MD, RVT
Director of Vascular Lab
Johns Hopkins Bayview Medical Center
Baltimore, MD

Darren B. Schneider, MD
Chief of Vascular and Endovascular Surgery
Director of the Center for Vascular and Endovascular Surgery
New York Presbyterian Hospital / Weill Cornell Medical Center
New York, NY

Malachi Sheahan III, MD
Professor of Surgery
Program Director, Vascular Surgery Residency
and Fellowship Programs
LSU Health Sciences Center School of Medicine
Department of Surgery
New Orleans, LA

Anton Sidawy, MD
Lewis B. Saltz Chair of Surgery
Professor of Surgery
George Washington University School of Medicine and Health Sciences
Washington, DC

Daniel Sze, MD, PhD
Professor of Radiology
Stanford University School of Medicine
Stanford, CA

Frank J. Veith, MD
Professor of Surgery
Cleveland Clinic
Professor of Surgery and William J. von Liebig Chair in Vascular Surgery
New York University Medical Center
Cleveland, OH and New York, NY

Timothy Wu, MD, FACS
Assistant Professor of Surgery
Division of Vascular Surgery
Rutgers, The State University of New Jersey
Newark, NJ

Jean-Noël Albertini
Cardiac and Vascular Surgery
CHU St. Etienne
St. Etienne, France

Laurence Bal
Vascular Surgery
Hôpital de la Timone
Marseille, France

Pierre-Antoine Barral
Radiology
Hôpital de la Timone
Marseille, France

Jean-Michel Bartoli, MD
Radiology and Medical Imaging
Hôpital de la Timone
Marseille, France

Jean-Paul Beregi
Radiology
CHU Nimes
Nimes, France

Raphaël Blanc
Interventional Neuroradiology
Foundation Adolphe de Rothschild
Paris, France

Lionel Bourgeois
Vascular Surgery
Hôpital de la Timone
Marseille, France

Louis Boyer
Radiology and Medical Imaging
CHU Clermont-Ferrand
Clermont-Ferrand, France

Xavier Chaufour
Vascular Surgery
CHU Rangueil
Toulouse, France

Laurent Chiche
Vascular Surgery
Hôpital Pitié Salpêtrière
Paris, France

Philippe Cluzel
Cardiovascular and Radiology Imaging
Hôpital Pitié-Salpêtrière
Paris, France
Marc Coggia
Vascular Surgery
Hôpital Ambroise Paré
Paris, France

Mariangela De Masi
Vascular Surgery
Hôpital de la Timone
Marseille, France

Elsa Faure
Cardiac and Vascular Surgery
Hôpital Georges Pompidou
Paris, France

Marine Gaudry
Vascular Surgery
Hôpital de la Timone
Marseille, France

Dominique Grisoli
Cardiothoracic surgery
Hôpital de la Timone
Marseille, France

Denis Herbreteau
Diagnostic Neuroradiology and Interventional
CHRU Tours
Tours, France

Alexis Jacquier
Radiology and Medical Imaging
CHU Timone
Marseille, France

Elixene Jean-Baptiste
Vascular Surgery
Pasteur Hospital
Nice, France

Hicham Kobeiter
Radiology and Medical Imaging
Henri Mondor Hospital
Paris, France

Romaric Loffroy
Radiology and Diagnostic and Therapeutic Medical Imaging
CHU Dijon
Dijon, France

Olivier Naggara
Neuroradiology
CHU St. Anne
Paris, France

Philippe L. Pereira
SLK-Kliniken Heilbronn
Heilbronn, Germany

Jean Picquet
Vascular Surgery
CHU Angers
Angers, France

Philippe Piquet, MD
Vascular Surgery
Hôpital de la Timone
Marseille, France

Hervé Rousseau
Radiology and Medical Imaging
Rangueil Hospital
Toulouse, France

Fabien Thaveau
Vascular Surgery
CHRU New Civil Hospital
Strasbourg, France

Farouk Tradi
Radiology
Hôpital de la Timone
Marseille, France

Hélène Vernhet-Kovacsik
Radiology and Medical Imaging
Hospital Arnaud de Villeneuve
Montpellier, France

Faculty members are affiliated with the University of Pittsburgh School of Medicine and/or UPMC and reside in the Pittsburgh, PA area unless otherwise identified.

Faculty for this activity has been required to disclose all relationships with any proprietary entity producing health care goods or services.
REGISTRATION INFORMATION

Pre-Register — All pre-registrations are due by Thursday, May 10, 2018. Registrations after this date are accepted only as on-site registrations. Registering online is the quickest and easiest way to reserve your space.

Please visit our online registration site at https://ccehs.upmc.com. Once you are there, click on Upcoming Events, scroll down to the event link for May 24-26, 2018 — 15th Annual Pittsburgh Vascular Symposium, and proceed with registration as appropriate.

After registering, an electronic confirmation will be sent to the email address you provided when you registered.

Please note: Registration is not complete until you receive this confirmation. If you do not receive this confirmation within 5-7 days of registration, please contact us at 412-802-3031. You must bring this confirmation with you to the conference.

Paper registrations are available by fax or email. Please contact Mark Byrne at 412-802-3031 or byrneme@upmc.edu if you are unable to register online and require the use of a paper registration form.

UPMC employees whose registration fee will be remitted via journal transfer should request the paper registration form.

Cancellation — All cancellations must be in writing, via email or fax. Tuition for cancellations on or before May 10, 2018, will be completely refunded. After May 10 2018, a $35 administrative fee will be assessed. No refunds will be made after May 23, 2018.

Cancellation requests can be made to:

Mark Byrne
Fax: 412-291-1669
Email: byrneme@upmc.edu

The UPMC Center for Continuing Education reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Registration Fees (Pre-Register / On-Site)
Physician Fee: $150 / $175
Residents and Fellows: FREE / $25
Nurses, PAs, and other health care professionals: $75 / $100

Registration fee includes:
• Continuing education credit
• Registration and course materials
• Continental breakfast, refreshments and lunch

For additional information, contact the Event Coordinator, Mark Byrne, at 412-802-3031 or via email at byrneme@upmc.edu.

VISIT THE UPMC CENTER FOR CONTINUING EDUCATION IN THE HEALTH SCIENCES WEBSITE

The UPMC Center for Continuing Education in the Health Sciences invites you to visit our website at https://ccehs.upmc.com. Receive information on CME programs, earn CME credits on the Internet, and access information about our formal courses and much more. Discover who we are and how you can contact us. Please visit our web location often to get updated information on upcoming programs.

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