



# SUMMER SCHOOLS

UNIVERSITY OF  
ANGERS - FRANCE

*Share your knowledge with international researchers  
and students from different countries and cultures.*

## | *Vascular*

**4<sup>th</sup> to 8<sup>th</sup> July 2016**

**The other schools :**

*Research*

*Plant science*

*Bioinformatics*

*Enfance et bien-être*

[www.summerschools.univ-angers.fr](http://www.summerschools.univ-angers.fr)

# ANGERS

SUMMER SCHOOLS ANGERS 2016

Angers is a **beautiful medieval city** located in western France, in the Loire Valley, which is a UNESCO World Heritage Site, famous for its wines and castles.

Angers has a unique 12th century fortress and the world's largest medieval tapestry.

Regularly acknowledged in the national press as one of the leading cities in France for its quality of life and respect for the environment, Angers has now received the first award as "the greenest city in France".

With more than 30,000 students every year, in an urban area of 250,000, Angers offers a very dynamic lifestyle with frequent cultural events and festivals all year round.

The famous "Tour de France" will pass through Angers during the Summer Schools. Participants will have the chance to enjoy this unique event !

## Our Summer Schools

The program of our Summer Schools brings together innovative teaching and research excellence to allow participating students to experience first hand the methods and practice of research in a variety of fields.

The two week (60h) or one week (30h) programs include lectures by international researchers (max. one hour) followed by questions and discussion, workshops with small groups of students, visits to research institutions and for some students, oral presentations on selected topics.



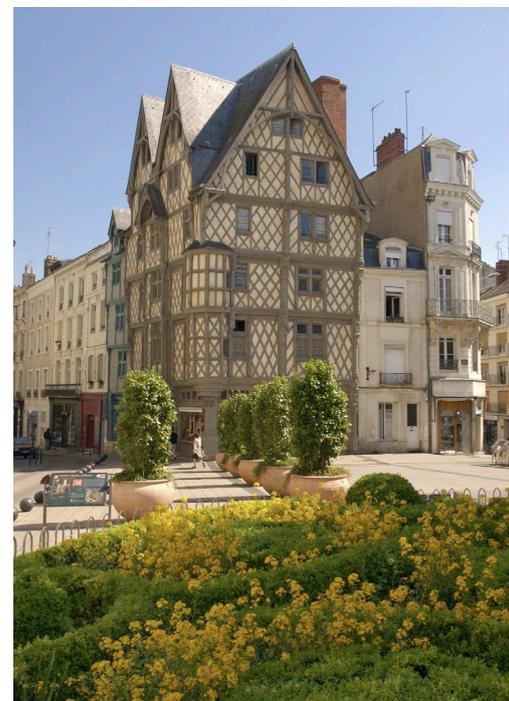
## The University of Angers

The University of Angers, which dates back to the Middle Ages, is known for the quality of its research and the success of its students, both in their studies and in their careers.

As a public, comprehensive university, a broad spectrum of fields is covered, but several have become internationally acclaimed, such as plant science and health sciences.

"I gained a lot of insight into areas I am unfamiliar."

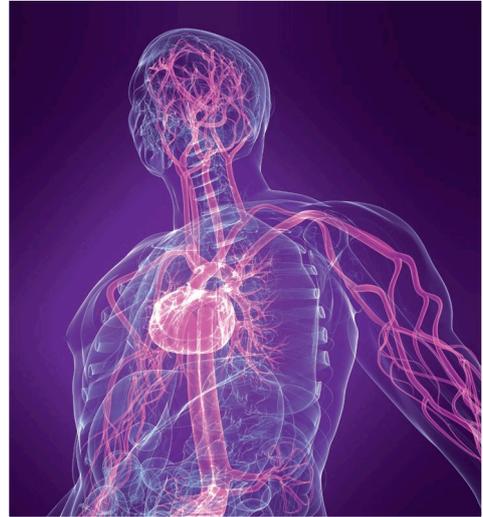
Brandon Binnie, University of Melbourne, Australia, 20 y.o, RSSA.



# VASCULAR

SUMMER SCHOOLS ANGERS 2016

## 2<sup>nd</sup> Edition 4<sup>th</sup> – 8<sup>th</sup> July 2016 Medical school University of Angers



### Presentation

From Basic to Clinic

According to World Health Organization, cardiovascular diseases represent the leading health and diseases worldwide. Cardiovascular diseases are linked to the very complex interactions between genes, aging and life style, and various risk factors.

**The VESSAL intensive teaching program** will give an overview of the actual and future knowledge in the field of cardiovascular diseases. Selected thematic will be presented by renowned researchers and clinicians experts in the field who will share with the participants their experience through interactive plenary lectures, workshops, hands-on and laboratory visits.

### Workshops and visits

- Visit of experimental and human vascular research laboratories
- Exercise testing in vascular : disease from theory to practice
- Cardiovascular deconditioning
- Vascular imaging interactive session

### Invited speakers

- B. Levy, Paris, FR
- F. Bari, Szeged, HU
- U. Pohl, München, DE
- R. Murphy, Dublin, IR
- G. Meininger, Missouri, USA

### Local speakers

- P.M. Roy, Angers, FR
- P Asfar, Angers, FR
- L Loufrani, Angers, FR
- I Signolet, Angers, FR
- F Prunier, Angers, FR

### Sessions

- 1 - Inherited Cardiovascular diseases : from gene to function
- 2 - Angiogenesis : fundamental & clinical applications
- 3 - Metabolic diseases and their cardiovascular counterparts
- 4 - Vascular biology : from bench to bedside
- 5 - Hormones and vessels
- 6 - Thrombosis and coagulation
- 7 - Neural control of vasculature
- 8 - Immunity and vascular diseases
- 9 - Micro and macro vascular remodeling in CV diseases
- 10 - Cardiovascular deconditioning on Earth and in Space
- 11 - Usefulness of diagnostic algorithms in vascular diseases

### Criteria

This Summer School is designed for national and international students from the 2<sup>nd</sup> undergraduate up to PhD in Medicine, Pharmaceutics and Life Sciences.

### A certificate of attendance and 6 ECTS will be delivered at the end of the courses.

# PRACTICAL INFORMATION

## SUMMER SCHOOLS ANGERS 2016

### Admission criteria

The selection of students will be made based on motivation, level of English and previous scientific experience, if any.

### Application procedure

There is a specific application form for each school.  
It is available on the page of the concerned school.  
The number of places is limited to 35 participants for each school.

**Deadline to apply : 15<sup>th</sup> April 2016**

### Fees

#### Research, Vascular, Bioinformatics, Plant Science :

€650 until the 13<sup>th</sup> of March

€750 after this date

#### Well-being of children :

€400 until the 13<sup>th</sup> of March

€500 after this date

#### Specific fees for professionals :

€500 for professionals from Angers

€800 for others

*Fees include : tuition, accommodation, lunches, scheduled excursions and extracurricular activities during the course.*

*Fees don't include : costs of passport, visa, health insurance, travel to and from Angers*

### Social activities

Our Summer Schools not only offer you a fine selection of interesting courses and scientific visits, they also aim at giving their participants an unforgettable stay in France.

Therefore we offer all of our participants an attractive social program, including excursions, sport, social gathering and festivities...The perfect setting for you to get to know one another ! A few examples of activities : welcome barbecue, kayak session, day trip on the Atlantic coast...

These activities are mainly free, or cost no more than 5 euros.

### Housing, catering and transport

Fully furnished single rooms with bathrooms and showers.

There are several kitchens on each floor that you will share with other students.

You will get a bike and a tramway/bus pass for the length of your stay for free.

By bike, the student residence is about 5 minutes from the city centre and 15 minutes from the University.

A group of students will be in charge of taking care of you during your whole stay and organize some great activities.





Further information :  
[summerschools@univ-angers.fr](mailto:summerschools@univ-angers.fr)



[www.summerschools.univ-angers.fr](http://www.summerschools.univ-angers.fr)

