

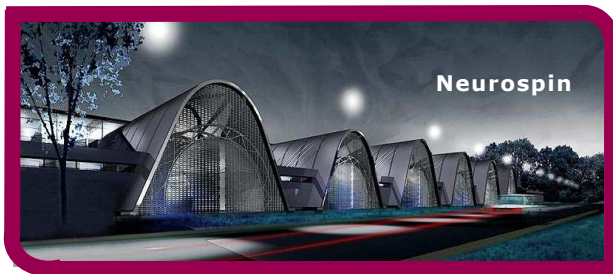
## 4- PROGRAM

**International researchers from different foreign universities** (Angers, Nantes, Moscow, Bristol, Ulm, Tubingen, Bologna, Szeged, Tokyo, etc...) will be teaching on nine selected topics:

- **1: Nanomedicine**
- **2a: From Gene to clinical application**
- **2b: From Gene to cancer**
- **3: Experimental surgery**
- **4: From microbiology to clinical trial**
- **5: From proton to medical Imaging (fMRI)**
- **6: Medical Informatics & Biostatistics**
- **7: From physiology to integrative spatial medicine**
- **8: From animal experiment to human medicine**
- **9: Cardiovascular medicine**

### Visits:

Visits of international research institutes will be organized during the course such as **Neurospin** in Paris, **Vegepolys** in Angers.



The program also includes a cultural component in which students will be attending concerts, museums and other events in the beautiful Loire Valley region, but also in Paris.

## 5- PRACTICAL INFORMATION

### Criteria for admission

The selection of students will be made considering their motivation, English proficiency and previous research experience, if any.

### Application

Please complete the online application form and also submit the required documents.

Enrolment is limited (max. 48 participants)

### Application deadline: 30th April 2011

Registration fees: 500 Euros

(300 Euros for students from Angers' partner universities )

A grant provided by the European Commission and by the University of Angers financially supports part of the summer school.

Fees include tuition, lodging, lunches, scheduled excursions, and extracurricular activities during the course. Angers Summer School does not cover the cost of passports, visas, health insurance, or back and forth transport.

A **certificate of attendance** will be delivered to the students.



### Further information

#### International Relations Office

Angers Medical School  
Rue Haute de Reculée  
49045 Angers Cedex 01 – FRANCE  
[rssa@contact.univ-angers.fr](mailto:rssa@contact.univ-angers.fr)

Web site:

<http://www.univ-angers.fr/researchsummerschool>



«Intensive Training for earlier exposure to research»



30<sup>th</sup> June - 15<sup>th</sup> July 2011



FACULTÉ DE MÉDECINE



## 1- INTRODUCTION



This research program will show students the **links between fundamental sciences and clinical research.**

Topics to be covered include different research and medical fields: cell and molecular biology, genetics, pharmacology, medical imaging, space medicine research, animal experimentation and physiology.

The course will be entirely taught in English.

The program is open to undergraduate students from 2<sup>nd</sup> year to 4<sup>th</sup> year of medicine/biological sciences/pharmacy who may be interested in pursuing M.D., M.D./Ph.D. or Ph.D. programs and envision a career in scientific and/or medical research.

## 2- COURSE OBJECTIVES

The purpose is to give students the opportunity to be exposed to medical research in an academic medical environment and to facilitate their accession to advanced course degrees such as MD or Pharmacy/PhD programs. During the course they will:

- be exposed to research methods and state of the art medical devices and technologies in different medical fields
- meet international researchers and interact with European students in an intercultural and interdisciplinary context

The 60-hour program includes:

- **Lectures by international researchers** (45 min) followed with questions and debate
- **Research workshops** in small groups of students
- **Oral presentations** from students on selected topics
- **Visits of research institutions**



## 3- COURSE SITE: Angers Medical School



**Angers** is the historical, political and economic chief town of the Anjou region and the 16<sup>th</sup> largest city in France. It is located in western France close to the Loire Valley, which is a UNESCO World Heritage and famous for its many châteaux and wines. Angers has a unique 12th century fortress which overlooks the Maine River and the world's largest medieval tapestry. With more than 30,000 students every year, it offers a very dynamic lifestyle with frequent cultural exhibitions and festivals all the year round. The city hosts two universities and several highly specialized research centres. In 2006 Angers has been ranked one of the most business-friendly cities in France. Angers Medical School is close to the University Hospital Centre (CHU) and to the INSERM and CNRS laboratories. .

