Dear Colleagues,

We are pleased to invite you to attend this meeting on Vascular Aging. Populations are aging worldwide and the number of older adults is projected to double over the next few decades, and we are ill-equipped to handle the attendant health care burden. Vascular aging process appears as the principal determinants of the health of elderly people and the main risk factor for the development of cardio-neuro-vascular diseases, as well as cognitive impairment, retinal disease and many other organ failures. It is now time to gather the research community interested in addressing this complex question through a transdisciplinary approach.

The research complementarity of the VIVA Thematic Action of the University of Bordeaux * and the LIAC* community allow for the implementation of an international meeting that aims to gather high-level specialists that come from different disciplines (biophysics, biochemistry, genetics, cell and molecular biology, tissue engineering, physiopathology, epidemiology and clinic), to synthesize the most recent advance in vascular aging.

Moreover, we want to take advantage of this meeting to set up a winter school to offer to young scientists a unique opportunity to present their work, to meet, and exchange with top international scientists and clinicians in the field.

Presentations concerning all aspects of vascular aging are welcome.

Looking forward meeting you in Bordeaux
Sincerely,

Thierry Couffinhal & Alain-Pierre Gadeau

https://viva.u-bordeaux.fr/
http://www.liac-association.org

Day 1: Wednesday, November 29th

Clinical and epidemiologic aspect of vascular aging

Early vascular aging
P.M. NILSSON, Malmö – Sweden

Neurovascular epidemiology of aging
C. TZOURIO, Bordeaux

Cardiovascular epidemiology of aging
P. BOUTOUYRIE, Paris

Neurovascular genetic epidemiology
S. DEBETTE, Bordeaux

Vascular and thrombosis genetic epidemiology
D. TREGOUET, Paris

Forecasted trends in disability and life expectancy
M. GUZMAN-CASTILLO, Liverpool, UK

Evening philosophical conference Antonio-Mario Tamburro

When does the vascular system age and when is there a disease? Conceptual and theoretical issues
M. LEMOINE, Tours

Day 2: Thursday, November 30th

Pathophysiologic features of vascular aging

From physiological aging to pathological aging
J.B. MICHEL, Paris

Title TBD
C. BETSHOLTZ, Stockholm – Sweden

Vascular degeneration
P. LACOLLEY, Nancy

Physiological models to study the human microcirculation - effects of hyperoxya
L. MONTEIRO-RODRIGUES, Lisbon – Portugal

Murine models for investigating vascular ageing
G. FAURY, Grenoble

Thrombosis in aging
C. JAMES, Bordeaux

Retinal vascular imaging
C. HELMER, Bordeaux

Matrix structural and mechanical studies

Model of pseudoxanthoma elasticum – Vascular calcification and aging, from gene to bedside.
L. MARTIN, G. LEFTHERIOTIS, Angers

Vascular aging: structure and dynamics of constitutive macromolecules and sub-fragments
V. SAMOUILLAN, Toulouse

Elastic fibers and amyloid deposition in vascular tissue
B. BOCHICCHIO, Potenza - Italy

Bioprosthetic heart valve aging deterioration and age-related benefits
M. SPINA, Padova- Italy

Elastin modification during vascular aging and pathophysiological consequences
L. DUCA, Reims

Aging of vascular extracellular matrix and changes in vessel function
R. MECHAM, St. Louis - USA

Day 3: Friday, December 1st

Cell biology and signaling

A short history of the vessel
A. BIKFALVI, Bordeaux

Cell senescence and telomere
E. GILSON, Nice

Estrogens as vascular anti-ageing hormones? Experimental and clinical evidences and uncertainties
J.F. ARNAL, Toulouse

Arteriolar and microcirculation aging
D. HENRION, Angers

Oxydation and inflammation in Atherosclerosis
A. LEPEDDA, Italy

MULTIPLE ASPECTS OF VASCULAR AGING

Preprogram

Nov. 29th - Dec. 1st, 2017

Bordeaux, France

http://viva-liac2017.sciencesconf.org

Fees

Registration
http://viva-liac2017.sciencesconf.org

Meeting early registration (< 2017/10/15)

390 euros (Gala diner included)

Meeting late registration (> 2017/10/15)

490 euros (Gala diner included)

VIVA School registration (< 35 yrs)

550 euros (including accommodation in double bed room and Gala diner)

Call for Abstracts

Call for Abstract deadline October 15th

A set of abstracts will be selected for short and flash oral presentations and discuss with experts

Submission site
http://viva-liac2017.sciencesconf.org

All presentations will be done in English language

*The Cross-cutting Thematic Action "VIVA", for Vascular Aging, was created in 2015 by the University of Bordeaux to promote interdisciplinary initiatives.

*LIAC (Latinorum Investigatorum de Arteriis Colloqium) is an international working group devoted to improving the quality of basic and applied research in all areas of vascular biology.

Organizers

Alain-Pierre Gadeau & Thierry Couffinhal

Scientific committees

University of Bordeaux VIVA Thematic Action
LIAC

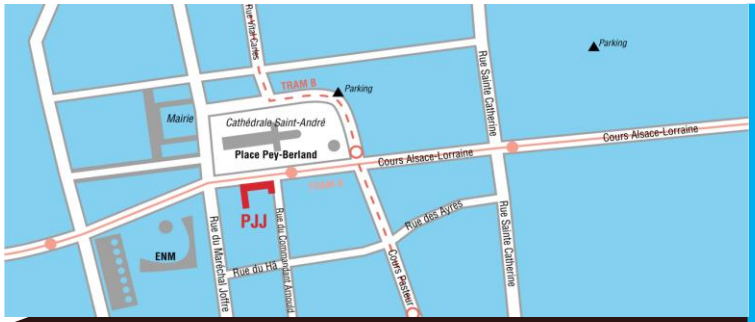
School and meeting location

Legal and judicial pole of Bordeaux University - Pey Berland, Bordeaux

To Come

From Bordeaux Saint-Jean train station
- Taxi: permanent service in the arrivals area
- Tram: take the tram C *(direction "Les Aubiers")*
- get off at stop "Porte de Bourgogne",
- take the tram A *(direction "Mérignac"),*
- get off at stop "Hôtel de ville" *(total duration: 20 mn)*.

From Bordeaux-Mérignac airport
- Taxi
- Bus and Tram: take the line "liane 1" until "Gambetta"
- join the street "rue Vital Carles" and,
- take the tram B at stop "Gambetta" *(direction "Pessac*



Centre)
- get off at stop "Hôtel de ville" *(total duration: 50 mn)*.

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Multiple Aspects of Vascular Aging

Bordeaux VIVA Winter School
XXXIII LIAC Meeting