



VIVA-LIAC 2017

Dates 29/11 AU 01/12/2017



School and meeting location : Legal and judicial pole of Bordeaux University- Pey Berland, Bordeaux

Day 1: Wednesday, November 29th

09:00 – 12:00	General assembly of LIAC participant	Salle 2B
09:30 – 10:00	Reception of participant Winter School Meeting	Hall
10:00 – 12:00	Winter School meeting (organizers: A. Bikfalvi & J. Badaut) Presentation of students - What should be achieved in this winter school	Amphi
12:00 – 13:00	Lunch Winter School (only)	Salle RG
13:00	Opening meeting : Thierry Couffinhall (VIVA action, Director) & Michel Spina (LIAC President)	
13:00 – 17:30	CLINICAL AND EPIDEMIOLOGIC ASPECT OF VASCULAR AGING (chairmen: C. Tzourio & L. Monteiro)	
13:00 – 13:45	Early vascular aging - P.M. NILSSON, Malmö - Sweden	Amphi
13:45 – 14:15	Neurovascular epidemiology of aging - C. TZOURIO, Bordeaux	Amphi
14:15 – 14:45	Cardiovascular epidemiology of aging - P. BOUTOUYRIE, Paris	Amphi
14:45 – 15:15	Forecasted trends in disability and life expectancy - S. AHMADI-ABHARI, Liverpool - UK	Amphi
15:15 – 16:00	Coffee break + poster visit	Salle RG
16:00 – 16:30	Neurovascular genetic epidemiology - S. DEBETTE, Bordeaux	Amphi
16:30 – 17:00	Vascular and thrombosis genetic epidemiology - D. TREGOUET, Paris	Amphi
17:00 – 18:00	SELECTED ORAL PRESENTATION (Chairmen: S. Debette & J. Badaut) <ul style="list-style-type: none"> Mitochondrial function regulates vascular aging in mice - K. FOOTE, Cambridge - UK Structural imaging of the vascular wall - S. ALMAGRO, Reims Numerical assessment and comparison of pulse wave velocity methods aiming at measuring aortic stiffness - H. OBEID, Paris Long-term trajectories of cardiometabolic risk factors in prodromal dementia: the Three-City Study - M. WAGNER, Bordeaux 	Amphi
18:30 – 19:30	EVENING PHILOSOPHICAL CONFERENCE ANTONIO-MARIO TAMBURRO (chairman: M. Spina) When does the vascular system age and when is there a disease? Conceptual and theoretical issues - M. LEMOINE, Tours	Amphi
19:30 – 23:00	Welcome social event Wine battle	Salle RG

Day 2: Thursday, November 30th

08:30 – 12:00	PATHOPHYSIOLOGIC FEATURES OF VASCULAR AGING (Chairmen: J.F. Arnal & M. Formato)	
08:30 – 09:15	From physiological aging to pathological aging - J.B. MICHEL, Paris	Amphi
09:15 – 09:35	Physiological models to study the human microcirculation - effects of hyperoxia - L. MONTEIRO-RODRIGUES, Lisbon - Portugal	Amphi
09:35 – 09:55	Murine models for investigating vascular ageing - G. FAURY, Grenoble	Amphi
09:55 – 10:55	Coffee break + poster visit	Salle RG
10:55 – 11:40	New insights into vascular biology by single cell RNA sequencing - M. VANLANDEWYCK, Stockholm - Sweden	Amphi
11:40 – 12:00	Thrombosis in aging - C. JAMES, Bordeaux	Amphi
12:00 – 12:20	Retinal vascular imaging - C. HELMER, Bordeaux	Amphi
12:30 – 14:00	Lunch + poster visit	Salle RG
12:00 – 13:00	Lunch of Winter School Meeting	Salle 2B
13:00 – 14:00	Winter School meeting (organizers: A. Bikfalvi & J. Badaut) Meet the experts - Round table with experts	
14:00 – 16:00	MATRIX STRUCTURAL AND MECHANICAL STUDIES (Chairmen: I. Brunet & P. Dufourcq)	Amphi
14:00 – 14:45	Model of pseudoxanthoma elasticum – Vascular calcification and aging, from gene to bedside - L. MARTIN, G. LEFTHERIOTIS, Angers	
14:45 – 15:05	Vascular aging: structure and dynamics of constitutive macromolecules and sub-fragments - V. SAMOUILLAN, Toulouse	Amphi
15:05 – 15:25	Tubular scaffolds for applications of vascular tissue engineering - V. LA CARRUBBA, Palermo - Italy	Amphi
15:25 – 15:45	Bioprosthetic heart valve aging deterioration and age-related benefits - M. SPINA, Padova - Italy	Amphi
15:45 – 16:05	Elastin modification during vascular aging and pathophysiological consequences - L. DUCA, Reims	Amphi
16:05 – 16:45	Coffee break + poster visit	Salle RG

16:45 – 17:45	SELECTED ORAL PRESENTATION (Chairmen: M. Laffargue & D. Henrion) <ul style="list-style-type: none"> • MicroRNA expressed in progenitor cells circulating in peripheral blood as prospective biomarkers of age-related macular degeneration (AMD) in its dry and wet form – preliminary data - <i>M. KAWA, Poland</i> • Molecular, conformational and thermal characterization of ventricular Remodeling in a pig model of tachycardia-induced cardiomyopathy - <i>V. LLORENTE CORTES, Barcelona - Spain</i> • Valvular calcification: implication of the Semicarbazide-Sensitive Amine Oxidase (SSAO)? - <i>N. MERCIER, Nancy</i> • Vascular calcification during chronic kidney disease: role of the RAGE/Cathepsin S/elastin peptides axis - <i>A. WAHART, Reims</i> 	Amphi
17:45 – 18:15	VIVA EVENING CONFERENCE (Chairman: T. Couffinhal) A short history of the vessel - <i>A. BIKFALVI, Bordeaux</i>	Amphi
20:00	Gala Diner “7 ^{eme} restaurant Panoramique – Cité du Vin”	



Day 3: Friday, December 1st

08:30 – 12:15	CELL BIOLOGY AND SIGNALING (Chairwomen: C. Dupl�a & V. Llorrente Cortes)	
08:30 – 09:30	SELECTED ORAL PRESENTATION <ul style="list-style-type: none"> • Targeting Connexin40 expression or function reduces angiogenesis in the developing mouse retina - <i>F. ALONSO, Bordeaux</i> • Imatinib inhibits hypoxia-induced MMP-9 overexpression and activation through impairment of LRP1 and Pyk2 phosphorylation in human coronary vascular smooth muscle cells - <i>A. BENITEZ, Barcelona - Spain</i> • NRP1 supresses TGF�-dependent ERK1/2 activation in endothelial cells - <i>A. LAMPROPOULOU, London - UK</i> • The elastin receptor complex interacts with CD36 through NEU1 and regulates oxidized LDL uptake in macrophages: potential implication in the proatherogenic effects of elastin-derived peptides - <i>P. MAURICE, Reims</i> • Ubiad1 promotes tumor angiogenesis by inhibiting dephosphorylation of vegfr2 in a redox dependent manner - <i>R. SEWDUTH, Belgium</i> 	Amphi
09:30 – 10:15	Cell senescence and telomere - <i>E. GILSON, Nice</i>	Amphi
10:15 – 10:45	Estrogens as vascular anti-ageing hormones? Experimental and clinical evidences and uncertainties - <i>J.F. ARNAL, Toulouse</i>	Amphi
10:45 – 11:15	<i>Coffee break + poster visit</i>	Salle RG
11:15 – 11:45	Arteriolar and microcirculation aging - <i>D. HENRION, Angers</i>	Amphi
11:45 – 12:15	Oxydation and inflammation in Atherosclerosis - <i>A. LEPEDA, Italy</i>	Amphi
12:15 – 14:00	<i>Lunch</i>	Salle RG
12:15 – 13:00	<i>Lunch Winter School</i>	Salle RG
13:00 – 15:00	Winter School Meeting (organizers: A. Bikfalvi & J. Badaut) Highlights and major topics identified by the students, group proposals (3 per group) for fictive/future projects and presentation	Salle 2B
14:00 – 15:00	OPEN SESSION (Chairwomen: M.A. Renault & J. Lods) <ul style="list-style-type: none"> • Endothelial cell dysfunction is a new potential therapeutic target for the treatment of critical limb ischemia - <i>C. CARADU, Pessac</i> • Podosomes Mediate Basement Membrane Collagen-IV Proteolysis During Sprouting Angiogenesis - <i>E. GENOT, Bordeaux</i> • How plant food bioactives may have benefits for vascular health? The case of curcumin, <i>L.E. MONFOULET, Lille</i> 	Amphi
15:00	Closing meeting: Thierry Couffinhal & Michel Spina	

