



UNIVERSITY of PISA SUMMER SCHOOL
“UPDATES in CARDIOVASCULAR PATHOPHYSIOLOGY”

3rd Edition



JOINT SUMMER SCHOOL PISA – ANGERS UNIVERSITIES
“VASCULAR PHYSIOLOGY and PATHOPHYSIOLOGY”

1st Edition



June 18th – 26th, 2015

*Pisa, Cardiac and Thoracic Department, University Hospital, Pisa-Cisanello
 Building # 10, 2nd Floor, Main Seminar Room*

FINAL PROGRAM

Time	June 18th, am	Welcome Address and Introduction to Cardiovascular Disease
8.30-9.00	Federica FULCERI and Carlo PALOMBO , Pisa	Participants reception
9.00 -9.30	Marco GUIDI, Pisa Corrado BLANDIZZI, Pisa Mario MARZILLI, Pisa	Welcome address from University of Pisa: Vice Dean for International Promotion Dean of the Medical School Chair of Cardiology
9.30-10.30	Mario MARZILLI, Pisa	Defining cardiovascular disease: a systemic disease with multiple clinical entities
10.30-11.15	Kennedy J CRUICKSHANK London, UK	The Global Cardiovascular disease burden: 1. Ethnicity versus genes
11.15-12.00	Kennedy J CRUICKSHANK London, UK	The Global Cardiovascular disease burden : 2. Is Type 2 diabetes ‘diabetes’ or a vascular disease pre-hyperglycaemia?’
12.00-12.30	Faculty	General interactive discussion

Time	June 18th, pm	Basic Mechanisms and Pathophysiology
14.00 -15.00	Stefano TADDEI, Pisa	Endothelial dysfunction in atherothrombotic vascular disease
15.00-16.00	Rossella MARCUCCI, Firenze	Platelet dysfunction in vascular disease
16.00-17.00	Anna Maria GORI, Firenze	Detecting and screening coagulation disorders
17.00-18.00	Alan G FRASER, Cardiff, UK	Heart failure with preserved LV global systolic function: assessment and treatment strategies

Time	June 19th, am	Pathophysiology
9.00 -10.00	Mario MARZILLI, Pisa	Cardiac disease: from vessels to mitochondria
10.00-11.00	Giacinta GUARINI, Volterra, PI	Macro- and microvascular coronary dysfunction
11.00-12.00	Carlo PALOMBO, Pisa	Arterial waves in health and disease
12.00-13.00	Francesco ORZI, Roma	Pathophysiology of cerebral circulation

Time	June 19th, pm	Atherothrombotic Cardiovascular Disease
14.30 -15.30	Giovanni ORLANDI, Pisa	Cerebrovascular atherosclerotic disease
15.30-16.15	Mario MARZILLI, Pisa	Rethinking ischemic heart disease: chronic ischemic syndromes
16.15-17.00	Mario MARZILLI, Pisa	Rethinking ischemic heart disease: acute ischemic syndromes
17.00-18.00	Michele EMDIN, Pisa	Left ventricular post-ischemic dysfunction

Time	June 22th, am	Angers Session: Hotspots in Peripheral Vascular Biology
9.00 -10.00	Julie FAVRE, Angers, FR*	Oestrogens and vascular function
10.00-11.00	Celine FASSOT, Angers, FR*	Epigenetics and peripheral vascular function
11.00-12.00	Laurent LOUFRANI, * Angers, FR	Immunity and peripheral vascular remodeling
12.00-13.00	Georges LEFTHERIOTIS,** Angers, FR	Arterial calcifications in acquired metabolic and genetic diseases
13.00-13.45	Georges LEFTHERIOTIS ** and Carlo PALOMBO	Angers – Pisa Interactive Discussion

* Teleconference from Angers

** Teleconference from Pisa

Time	June 22th, pm	Clinical Pathophysiology
15.00 -16.00	Alberto R DE CATERINA, Pisa	Myocardial ischemic preconditioning: from bench to bedside
16.00-18.00	Daniela GUARINO, Pisa Carmela MORIZZO, Pisa Carlo PALOMBO, Pisa	Hands-On-Session Advances in Vascular Investigation

Time	June 23th, am	From Risk Factors to CV Disease
9.00 -10.00	Stefano DEL PRATO, Pisa	Diabetes and cardiovascular disease: What's the culprit ?
10.00-11.00	Anna SOLINI, Pisa	Does glucose-lowering therapy improve vascular disease in diabetes?
11.00-12.00	Andrea NATALI, Pisa	Lipids and cardiovascular disease
12.00-13.00	Giulio MARCHESINI, Bologna	Nonalcoholic fatty liver disease (NAFLD): which relation with CV disease ?

Time	June 23th, pm	Obesity and Cardiovascular Disease
14.00 -15.00	Amalia GASTALDELLI, Pisa	Not all fats are created equal: adipose vs. ectopic fat, implication in cardiometabolic diseases
15.00-16.00	Vitantonio DI BELLO, Pisa	Obesity cardiomyopathy: fact or fiction ?
16.00-17.00	Giovanni FEDERICO, Pisa	Obesity in children and adolescents: pathophysiologic and clinical implications
17.00-18.00	Alfredo QUINONES GALVAN, Pisa	Principles of metabolism and nutrition for cardiovascular health

Time	June 24th, am	Vascular Ageing and Atherothrombotic Disease
9.00 -10.00	Peter NILSSON, Lund, SE	Ageing and cardiovascular disease
10.00-11.00	Pietro A MODESTI, Firenze	The Copernican revolution: from vulnerable plaque to vulnerable patient
11.00-12.00	Roberto PEDRINELLI, Pisa	Monoclonal antibodies in cardiovascular therapy
12.00-13.30	Carlo PALOMBO, Pisa	Tissue biomarkers of vascular ageing and preclinical cardiovascular disease

Time	June 24th, pm	Diagnosing Cardiovascular Disease
14.30 -16.00	Danilo NEGLIA, Pisa	Detection of significant coronary artery disease by noninvasive anatomical and functional imaging
16.00-17.00	Alessia GIMELLI, Pisa	Myocardium at risk: pathophysiologic meaning and clinical estimate
17.00-18.00	Carlo PALOMBO, Pisa	Ventricular-Arterial Coupling: principles and methods

Time	June 25th, am	Cardiovascular Adaptations to Stressful and Extreme Conditions
9.00 -10.00	Massimo PAGANI, Milano	Sympathovagal Balance and Baroreflex Sensitivity in Cardiovascular Regulation
10.00-11.00	Daniela LUCINI, Milano	Lifestyle interventions and stress management
11.00-12.00	Angelo GEMIGNANI, Pisa	Psychophysiologic patterns in brain-heart connections

Time	June 25th, pm	Genetic and Acquired Vascular Diseases
14.30 -15.30	Alessandro CELI, Pisa	Microparticles: signaling between endothelium, coagulation and inflammation
15.30-16.15	Alessandro PINI, Milano	Rare genetic cardiovascular diseases: transferring basic knowledge to the clinical field
16.15-17.00	Alessandro PINI, Milano	Marfan's syndrome: detection & management
17.00-18.00	Stefano BOMBARDIERI, Pisa	Inflammatory aortic diseases: a neglected cause of aortic rupture?

Time	June 26th, am	Cardiovascular System in Altitude & Focus on Antithrombotic drugs:
9.00 -10.00	Gianfranco PARATI, Milano	Cardiovascular effects of high altitude exposure: implications for clinical practice
10.00-11.00	Paolo PAULETTO, Padova	Novel oral anticoagulants in established and emerging indications
11.00-12.00	Raffaele DE CATERINA, Chieti	Perspectives in antithrombotic therapy
12.00-13.00	Carlo PATRONO, Roma	Aspirin: a never ending tale

Time	June 26th, pm	Closing session
14.00 -17.00	Carlo Palombo & Mario Marzilli, Pisa	Final evaluation test and closing remarks