



VASCULAR CELL FUNCTIONS IN HEALTH AND IN DISEASES

CALL FOR SCHOLARSHIP NOMINATIONS

DATE: OCTOBER 7 TO 19, 2018

VENUE: HEIDELBERG CENTER LATIN AMERICA, SANTIAGO DE CHILE, CHILE

Up to twenty five outstanding doctoral students from selected universities in Europe and Latin America will be invited to participate in the International Summer School „VASCULAR CELL FUNCTIONS IN HEALTH AND IN DISEASES“. The organizers and speakers are scientists from Heidelberg University, Germany, as well as renowned experts from universities in Chile and Mexico.

Scientific Background:

Cardiovascular diseases, including diabetes, preeclampsia, ventricular dysfunction and heart failure, affect millions of people worldwide and their prevalence is constantly rising. Macrovascular complications in diabetes, including myocardial infarction, are the main cause of morbidity in the western world. Likewise, smaller blood vessels are also damaged by hyperglycemia leading to microvascular complications in the eye (diabetic retinopathy), kidney (diabetic nephropathy) and the nerves (diabetic neuropathy). Vascular cell dysfunction also causes preeclampsia, a disease in pregnancy characterized by elevated maternal blood pressure and proteinuria.

Aim of the school:

The aim of the school is to discuss latest developments in understanding pathophysiological mechanisms of cardiovascular diseases and enable graduates to further develop their expertise in vascular biology and medicine. We aim to set up sustainable collaborations between research labs at Heidelberg University and Universities in Europe and in Latin America. We also aim to promote the career of young investigators and provide guidance how to develop to independent researches. Graduates will present their own projects and they will practice how to develop a joint research project. Thus, the planned summer school will provide excellent opportunities for developing new project ideas, collaborations, and carrier perspectives and will provide a highly stimulating and creative atmosphere for all graduates.

The scientific coordinators are Prof. Dr. Jens Kroll, Prof. Dr. Hans-Peter Hammes, Prof. Dr. Karen Bieback, Prof. Dr. Rudolf Schubert, Dr. Ibrahim El-battrawy (all from Heidelberg University, Germany), Prof. Dr. Luis Sobrevia (School of Medicine, Pontificia Universidad Católica de Chile, Santiago de Chile) and Dr. Gerardo García-Rivas (Medical School, Tecnológico de Monterrey, Monterrey, México).

Flight expenses (from Europe up to 1300 EUR, from Latin America up to 500 EUR) will be reimbursed to the doctoral students upon submission of receipts. Accommodation and food will be provided free of charge. No participation fee will be charged. All doctoral students are expected to present their research projects and research activities of their universities in different short talks. Self-nominations are invited. Also, doctoral supervisors can nominate their students for the Summer School by email to jens.kroll@medma.uni-heidelberg.de by **March 31, 2018**.

Nominations should include the following documents (max. 5 pages in total):

- completed application form
- a letter of recommendation by the doctoral supervisor
- curriculum vitae of the PhD student
- motivation letter of the PhD student
- short description of the doctoral project

Participants will be selected by a scientific committee.

CONTACT

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