

GENERAL INFORMATION

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Fundación **pro**cniic

ORGANIZERS

DATES

Madrid, March 9-10, 2012



Fundación **pro**cniic

SPONSORS

VENUE



cniic

CENTRO NACIONAL
DE INVESTIGACIONES
CARDIOVASCULARES (CNIC)

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28029 Madrid, Spain
Phone: +34 91 453 1200
Web: <http://www.cnic.es/>

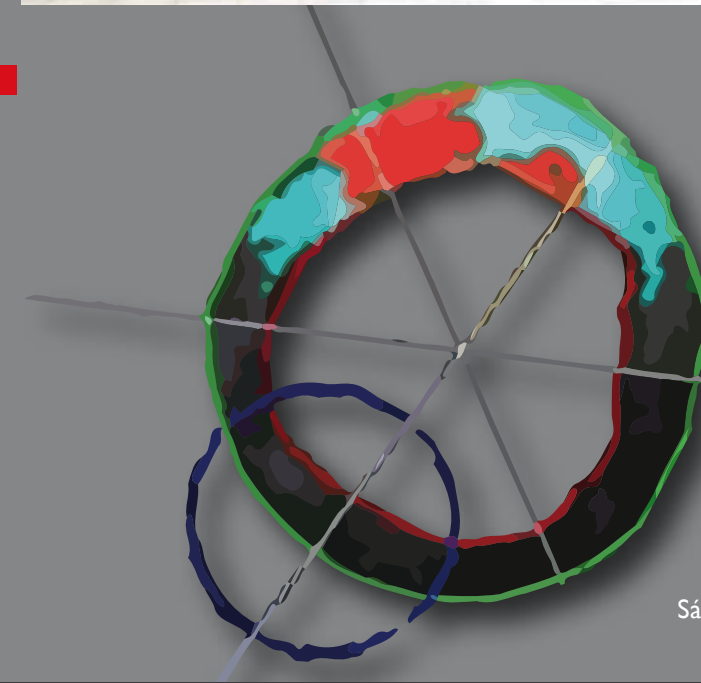
TECHNICAL SECRETARIAT



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vascular inflammation, aging and imaging

Madrid, March 9-10, 2012
www.cnic-conference.com



organizers

Andrés, Vicente (Spain)
Frenette, Paul S. (USA)
Sánchez-Madrid, Francisco (Spain)

sponsored
by:



venue: **cniic** CENTRO NACIONAL DE INVESTIGACIONES CARDIOVASCULARES (CNIC)
Melchor Fernández Almagro, 3 - 28029 Madrid, Spain

Friday, March 9

08:30-08:50 h

Registration

08:50-09:00 h

Opening by CNIC Conference Organizers

Session I Vascular Inflammation

09:00-09:40 h

Chair: Paul S. Frenette

María Jesús Sanz, University of Valencia, Spain
"Imaging innate immunity in the inflamed vasculature"

09:40-10:20 h

Tatiana Byzova, Taussig Cancer Institute, Cleveland Clinic, USA
"Toll like receptors as sensors of oxidative stress"

10:20-11:00 h

Sussan Nourshargh, William Harvey Research Institute, London, UK
"Mechanisms of leukocyte transmigration in vivo: Complexities of breaching multiple barriers"

11:00-11:20 h

Coffee break

11:20-11:30 h

Welcome by Valentín Fuster (CNIC General Director)

11:30-12:10 h

Chair: Francisco Sánchez-Madrid

Sandip Biswal, Stanford University Medical Center, USA
"Imaging of ion channels, glucose metabolism and macrophage responses in inflammation"

12:10-12:50 h

Paul S. Frenette, Ruth L. and David S. Gottesman Institute for Stem Cell and Regenerative Medicine Research, Albert Einstein College of Medicine, New York, USA
"Neural control of vascular inflammation"

12:50-13:30 h

Christian Weber, Institute for Cardiovascular Prevention, Ludwig-Maximilians-University Munich, Germany
"Chemokines as key regulators of vascular inflammation"

13:30-13:45 h

Short Talk:

Ioakim Spyridopoulos, Newcastle University, UK
"High-Throughput 13-Parameter Immunophenotyping and Multivariate Flow Clustering in patients with acute myocardial infarction"

13:45-14:45 h

Lunch

Session II Vascular Aging

14:45-15:25 h

Chair: Leslie B. Gordon

Carole Dufouil, Institut National de la Santé et de la Recherche Médicale, Paris, France
"Hypertension, brain changes at MRI and cognitive changes in aging population: A complex relationship"

15:25-16:05 h

Peter M Nilsson, Faculty of Medicine, Lund University, Sweden
"Vascular ageing and cognitive decline - new frontiers in 2012"

16:05-16:45 h

Simon Melov, Buck Institute for Age Research, Novato, USA
"Mitochondrial function and pharmacological reversal/attenuation of age-related heart disease"

16:45-17:05 h

Coffee break

17:05-17:45 h

Chair: Vicente Andrés

Abraham Aviv, The Center of Human Development and Aging, New Jersey Medical School, USA
"Telomeres dynamics, the 'hemothelium' and atherosclerosis"

17:45-18:25 h

Leslie B. Gordon, Hasbro Children's Hospital, Progeria Research Foundation, Peabody, USA
"The progeria story - a model for translational research"

18:25-19:05 h

Edward G. Lakatta, National Institute on Aging, Bethesda, USA
"The stress of aging viewed from the central arterial wall"

19:05-19:20 h

Short Talk:

Francisco J. Blanco, Centro de Investigaciones Biológicas (CSIC) and CIBER de Enfermedades Raras (ISCIII), Madrid, Spain
"The splicing factor SRSF1 is a key regulator for the expression of S-endoglin during endothelial senescence"

19:20-20:00 h

Poster exhibition

Saturday, March 10

Session III Vascular Imaging

09:00-09:40 h

Chair: Robin P. Choudhury

Zahi A. Fayad, Translational and Molecular Imaging Institute, Mount Sinai School of Medicine, New York, USA
"Imaging and therapy of vascular inflammation"

09:40-10:20 h

James Rudd, Addenbrooke's Hospital, Cambridge, UK
"Measurement of vascular risk using imaging - focus on PET/CT"

10:20-11:00 h

Guillermo J. Tearney, Massachusetts General Hospital, Boston, USA
"The future of coronary OCT"

11:00-11:20 h

Coffee break

11:20-12:00 h

Chair: Zahi A. Fayad

Michael McConnell, Stanford School of Medicine, USA
"Bioengineered probes for imaging and therapy of vascular inflammation"

12:00-12:40 h

Robin P. Choudhury, University of Oxford, UK
"Imaging vascular inflammation with MRI"

12:40-12:55 h

Short Talk:

Fernando Herranz, Advanced Imaging Unit, Epidemiology, Atherothrombosis and Imaging, CNIC, Madrid, Spain
"Nanoparticles as blood pool contrast agents; Multimodal Imaging"

12:55-14:00 h

Poster exhibition

