



Simposio Internacional: **La visión computacional se encuentra con la medicina: presente y futuro de las modalidades de imagen y los biomarcadores**

*International Symposium: Computer Vision meets Medicine: Present and future of imaging modalities and biomarkers*

Madrid, 14 de noviembre de 2016

Madrid, November 14, 2016

CV



**RICARDO SANZ RUIZ**

Ricardo Sanz Ruiz works as an interventional cardiologist in the Invasive Cardiology Section at Gregorio Marañón University Hospital and Associate Professor of Medicine at the Complutense University in Madrid.

He received his MD from the University of Valladolid, completed his Cardiology Residency in the Heart Sciences Institute (University Clinic Hospital, Valladolid) and a Research Fellowship in the Texas Heart Institute (St. Luke's Episcopal Hospital, Houston), focusing on stem cell therapy. Since 2006 he works in Madrid, combining assistance in the catheterization laboratory with inpatient care units and outpatient clinics. He has co-authored over 56 peer-reviewed manuscripts and 26 book chapters.

Regarding his research activities, his work has been devoted to the study of ischemic heart disease (acute coronary syndromes and reperfusion strategies for ST-segment elevation myocardial infarction), percutaneous coronary interventions and advanced heart failure. In the field of cardiac regenerative medicine, he has an extensive experience in large animal models of myocardial ischemia, in percutaneous technologies for the delivery of regenerative products to the heart and in clinical research, including FP7 and H2020 projects. During the last 15 years he has participated in 10 preclinical and 11 clinical trials with gene therapy and stem cells for acute myocardial infarction, heart failure and refractory angina. Currently he is the clinical coordinator of preclinical and clinical research with regenerative products for myocardial repair at Gregorio Marañón University Hospital. Specifically, he is National Coordinator of the first European multicenter phase III trial with bone marrow-derived stem cells for acute myocardial infarction (BAMI trial, funded by the FP7) and principal investigator of the first clinical trial with mesenchymal stem cells for dilated cardiomyopathy (MYOCYTE). He works also as proctor of several types of percutaneous delivery systems with cardiac navigation platforms, having worked with different imaging groups for an accurate administration of regenerative products to the myocardium.