



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

## LUIS MARTÍ-BONMATÍ

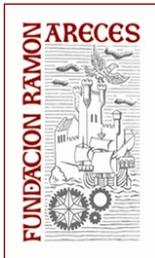
After graduating in Medicine (University of Valencia, 1978-1983) with the Extraordinary Graduation Prize, and completing his postgraduate training as a resident in Radiology (1984-1987), Dr. Martí-Bonmatí obtained his Doctoral Thesis (PhD) with his work on magnetic resonance imaging in liver tumors (Cum Laude, 1991). In 1995 he became Section Chief of Magnetic Resonance Imaging in the Radiology Department of Dr. Peset University Hospital (Valencia). Since 1997 he serves as Head of the Radiology Department at Quirón Hospital in Valencia, integrating biomedical engineering in the radiological innovation process in that center. In 2009, Dr. Martí-Bonmatí became Chairman of the Radiology Department and Director of Medical Imaging at La Fe University and Polytechnic Hospital, Valencia. That same year he was designated as Radiology coordinator of the Catholic University in Valencia, and in 2011 became Assistant Professor and Radiology supervisor of the University of Valencia.

He has been the Director of 28 Doctoral Thesis and 13 end of career projects.

Since 2012, Dr. Martí-Bonmatí has been the Director of the Research Group on Biomedical Imaging (GIBI230) within La Fe Health Research Center, an institution belonging to the Spanish Research Network at the Spanish Ministry of Science and Technology. The group focuses on preclinical animal imaging experiments. He has moreover co-founded QUIBIM (Quantitative Imaging Biomarkers in Medicine, QUIBIM), an innovative company dedicated to medical image processing, and the extraction and measurement of imaging biomarkers for clinical diagnostics, research projects, clinical trials and medical imaging workflows.

In relation to his academic activities, mention should be made of his nomination as academic member of the Spanish Royal National Academy of Medicine (in representation of Radiology and Radiodiagnosis, 2015). He has also received a Honorary Doctorate distinction from the National University of Tucumán, Argentina (2015).

Dr. Martí-Bonmatí is a member of the Spanish National Radiodiagnosis Commission (since 2014), and has been Chairman of the following societies: the European Society of Magnetic Resonance in Medicine and Biology (ESMRMB), the Spanish Society of Radiology (SERAM, being awarded the Gold Medal of the SERAM in 2014), the Spanish Society of Abdominal Radiology (SEDIA, founder, and also Editor of its journal, Radiología Abdominal, from 2004-2013), and the European Society of Gastrointestinal and Abdominal Radiology (ESGAR). In relation to the latter, he is presently serving as President of the Annual Meeting Scientific Committee for Prague and Athens (2016-2017). He is also a fellow of the International Cancer Imaging Society (ICIS) and Director of the Association for the Development and Investigation of Magnetic Resonance (ADIRM), a non-profit



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institution developed to enhance the development of Magnetic Resonance Imaging (MRI) by using the resources of local Universities and research groups.

The candidate has been a member of the Executive Council and has served as Director of the Research Committee of the European Society of Radiology (ESR) from 2010 to 2013, starting the Imaging Biomarkers Subcommittee, and representing Radiology in the European Council for Health Research at the Alliance for Biomedical Research in Europe (biomedeuropa.org). He is currently a member of the European Imaging Biomarkers Alliance (EIBALL) and of the Scientific Council of the European Institute of Biomedical Imaging Research (EIBIR). He has given a “Ramón y Cajal” Honorary Lecture on “Research and science: from individuals to societies” on occasion of the European Congress of Radiology (2013), in recognition of his research activity.

The candidate is a lecturer and course organizer of the European School of Radiology since 1997, and a member of its Steering Committee since 2015.

He has been a member of the Council and General Secretary of the International Society of Radiology since 2014.

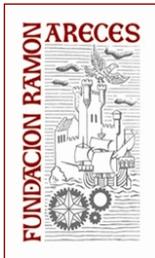
In 2008, Dr. Martí-Bonmatí has received the European Magnetic Resonance Award of the European Magnetic Resonance Forum (EMRF) for his investigations in MRI. He has also received the Pro-Academia Prize in 2013 for “Exemplary group in Science and Academic life” of the the Round Table Foundation and the European Magnetic Resonance Forum. In 2014 he was awarded the Teleco Honoris Causa Prize from the Official College of Telecommunications Engineers of the Valencian Community.

The candidate is currently an Associate Editor of European Radiology (Magnetic Resonance) and Radiology (Computer Applications). He has also been a member of the Editorial Board of the journals Cancer Imaging and Diagnostic Imaging Europe.

Dr. Martí-Bonmatí is the author of over 450 publications (235 of which are indexed in Medline), the Editor of 9 books, and the author of 55 book chapters. Most of his publications focus on Magnetic Resonance, Clinical Radiology, the development of Imaging Biomarkers, and Engineering-supported Biomedical Research.

He holds 10 patents and software registries, with two more in process.

The candidate has actively participated in 33 financed research projects, with a global budget of 41,824,195€. He has been the Principal Investigator in 14 of these projects, with a total financial support of 32,104,324€.



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Dr. Martí-Bonmatí has a Hirsch h-index of 27 (Web of Science, January 2016), with an h-index for Radiology of 1.08 (representing one of the highest Radiology h-indices in Spain). The mean ratio is 10 citations per article (Web of Science Researcher ID, January 2016) – his sum of impact points for all publications being 511.87 (Research Gate, January 2015). His Research Gate Score is 42.72 (97.5% percentile Research members).

His special areas of interest are imaging biomarkers, image processing, imaging biobanks, abdominal imaging, and clinical management in radiology.