

MARTÍN ORTIZ-GENGA, MD

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EXPERTISE

Inherited cardiovascular diseases, including cardiomyopathies, channelopathies, aortic diseases and sudden cardiac death: Genetics. Diagnosis. Prognosis. Knowledge management systems. Databases. Imaging.

PROFESSIONAL EXPERIENCE

Scientific Director

Health in Code, A Coruña, Spain

2012 - Present

Cardiologist at the Scientific Department

Health in Code

2007 - 2011

Coordinator

Unit for Inherited Cardiovascular Diseases, Hospital Privado de Rosario, Argentina

2015 - Present

Researcher

National Reference Unit for Inherited Cardiovascular Diseases, CHUAC, Spain

2007 - 2011

Researcher

Foundation Carolina-BBVA, Spain

2008 - 2010

Researcher

Foundation A Coruña University Hospital

2007

Internal Medical Resident in Cardiology

Garibaldi Italian Hospital, Rosario, Argentina

2004 - 2007

EDUCATION

Specialist in Cardiology

Garibaldi Italian Hospital, Rosario, Argentina

2007

MD in Medicine

National University of Rosario, Argentina

2003

PRIZES AND AWARDS

First prize, National Award on Research in Sports Medicine. Oviedo University, 2008.

SELECTED PUBLICATIONS

Author of more than 90 peer-reviewed publications related to inherited cardiovascular diseases and genetics, of which nine recent ones are shown below:

A homozygous MYBPC3 gene mutation associated with a severe phenotype and a high risk of sudden death in a family with hypertrophic cardiomyopathy. Ortiz MF, Rodríguez-García MI, Hermida-Prieto M, Fernández X, Veira E, Barriales-Villa R, Castro-Beiras A, Monserrat L. Rev Esp Cardiol. 2009;62:572-5.

Genetics of cardiomyopathies: novel perspectives with next generation sequencing. Monserrat L, Ortiz-Genga M, Lesende I, Garcia-Giustiniani D, Barriales-Villa R, de Una-Iglesias D, Syrris P, Castro-Beiras A. Curr Pharm Des 2015;21:418-30.

Atlas of the clinical genetics of human dilated cardiomyopathy. Haas J, Frese KS, Peil B, Kloos W, Keller A, Nietsch R, Feng Z, Müller S, Kayvanpour E, Vogel B, Sedaghat-Hamedani F, Lim WK, Zhao X, Fradkin D, Köhler D, Fischer S, Franke J, Marquart S, Barb I, Li DT, Amr A, Ehlermann P, Mereles D, Weis T, Hassel S, Kremer A, King V, Wirsz E, Isnard R, Komajda M, Serio A, Grasso M, Syrris P, Wicks E, Plagnol V, Lopes L, Gadgaard T, Eiskjær H, Jørgensen M, Garcia-Giustiniani D, Ortiz-Genga M, Crespo-Leiro MG, Deprez RH, Christiaans I, van Rijsingen IA, Wilde AA, Waldenstrom A, Bolognesi M, Bellazzi R, Mörner S, Bermejo JL, Monserrat L, Villard E, Mogensen J, Pinto YM, Charron P, Elliott P, Arbustini E, Katus HA, Meder B. Eur Heart J. 2015;36:1123-35a.

Calmodulin 2 Mutation N98S Is Associated with Unexplained Cardiac Arrest in Infants Due to Low Clinical Penetrance Electrical Disorders. Jiménez-Jáimez J, Palomino Doza J, Ortega Á, Macías-Ruiz R, Perin F, Rodríguez-Vázquez del Rey MM, Ortiz-Genga M, Monserrat L, Barriales-Villa R, Blanca E, Álvarez M, Tercedor L. PLoS One. 2016;11(4):e0153851.

Diagnostic Approach to Unexplained Cardiac Arrest (from the FIVI-Gen Study). Jiménez-Jáimez J, Peinado R, Grima EZ, Segura F, Moríña P, Sánchez Muñoz JJ, Mazuelos F, Cózar R, Gimeno JR, Heras RP, Monserrat L, Domingo D, Ortiz-Genga M, Fernández Pastor J, Álvarez M, Tercedor L. Am J Cardiol. 2015;116:894-9.

A mutation in the Z-line Cypher/ZASP protein is associated with arrhythmogenic right ventricular cardiomyopathy. Lopez-Ayala JM, Ortiz-Genga M, Gomez-Milanes I, Lopez-Cuenca D, Ruiz-Espejo F, Sanchez-Munoz JJ, Oliva-Sandoval MJ, Monserrat L, Gimeno JR. Clin Genet. 2015;88:172-6.

Inverted U-Shaped Relation Between the Risk of Sudden Cardiac Death and Maximal Left Ventricular Wall Thickness in Hypertrophic Cardiomyopathy. O'Mahony C, Jichi F, Monserrat L, Ortiz-Genga M, Anastasakis A, Rapezzi C, Biagini E, Gimeno JR, Limongelli G, McKenna WJ, Omar RZ, Elliott PM; Hypertrophic Cardiomyopathy Outcomes Investigators*. Circ Arrhythm Electrophysiol. 2016;9(6). pii: e003818.

Truncating FLNC Mutations Are Associated With High-Risk Dilated and Arrhythmogenic Cardiomyopathies. Ortiz-Genga MF, Cuenca S, Dal Ferro M, Zorio E, Salgado-Aranda R, Climent V, Padrón-Barthe L, Duro-Aguado I, Jiménez-Jáimez J, Hidalgo-Olivares VM, García-Campo E, Lanzillo C, Suárez-Mier MP, Yonath H, Marcos-Alonso S, Ochoa JP, Santomé JL, García-Giustiniani D, Rodríguez-Garrido JL, Domínguez F, Merlo M, Palomino J, Peña ML, Trujillo JP, Martín-Vila A, Stolfo D, Molina P, Lara-Pezzi E, Calvo-Iglesias FE, Nof E, Calò L, Barriales-Villa R, Gimeno-Blanes JR, Arad M, García-Pavía P, Monserrat L. J Am Coll Cardiol. 2016;68:2440-2451.