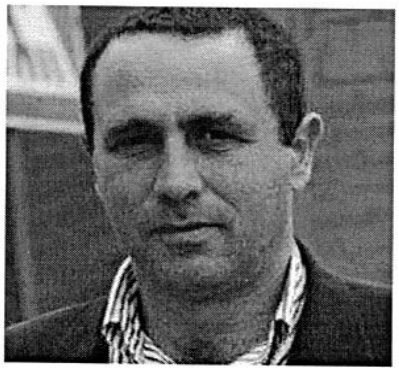

CURRICULUM VITAE

Name: LORENZO MONSERRAT IGLESIAS

Date of birth/ age: 10/10/1966 . Age: 46.

Contact details: *Address: Health in Code. Edificio Fortin. Hospital Marítimo de Oza. As Xubias SN. A Coruña 15006. Spain. Telephone: +34 680927110. E-mail: lorenzo.monserrat@healthincode.com*

Positions

CEO Health in Code: Jan 2011-

Scientific Director Health in Code: Jan 2006-December 2011

Researcher. Galician Health Service: May 2008-

Coordinator of the National Reference Unit for Inherited Cardiovascular Diseases of the A Coruña University Hospital: Jan 2011-

Researcher Fundación University Hospital A Coruña: May 2005-April 2008

Cardiology Consultant, A Coruña University Hospital: April 1999-July 2005 (On leave from this position)

Research Fellow, St George´s Hospital Medical School: January 1998-August 1998

Internal Medical Resident in Cardiology. University Hospital A Coruña: January 1994-December 1998

Education

PhD Medicine (European Doctor). A Coruña University. September 2002. Title of the thesis: Prognostic significance of non-sustained ventricular tachycardia and of its characteristics in patients with hypertrophic cardiomyopathy.

Postgraduate Diplomature in Design and Statistics in Health Sciences. Autónoma University, Barcelona. 1999.

Specialist in Cardiology. A Coruña University Hospital. December 1998.

Licenciature in Medicine and Surgery. Santiago de Compostela University. June 1990

Research focus

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

Grants

- FP7-HEALTH-2012- INNOVATION 1 European project 306031. BESTAGEING. Biomarkers in the elderly. Responsible of the database. Total budget 12.000.000. Health in Code 400.000. Funder: European Grant-

- FIS 2011 project PI11/02604. Evaluation of the usefulness of genetic diagnosis in the prognostic evaluation of patients with hypertrophic cardiomyopathy. Amount: 134.612,5 euros. Funder: Carlos III Health Institute.

- FP7-HEALTH-2012 project INHERITANCE: INtegrated HEart Research In TrANslational genetics of dilated Cardiomyopathies in Europe. Health in Code amount: 230.000 euros. Funder: European Grant.

- FIS 2008 project PI081834. Identification of genetic factors associated with the variability in hypertrophy degree in hypertrophic cardiomyopathy and in arterial hypertension. Amount: 158510 euros. Funder. Carlos III Health Institute

- CDTI project IDI-20070178: Obtention of a genetic diagnostic platform for hypertrophic cardiomyopathy. Amount: Credit 350.000 euros. Funder: National center for industrial and technologic development.

Prizes and awards

First prize, National Award on Researh in Sports Medicine 2008 from Oviedo University

Bristol-Myers Award for the best publication in imaging in Revista Española de Cardiologia 2008

First prize in the VII Awards of Innovative Business Projects of Santiago de Compostela University 2007

First prize in the II National Research Awards from the Medical College Foundation of Cordoba. 2004

Management experience

Creator and coordinator of a National Reference Unit for Inherited Cardiovascular Diseases.

Main promoter of the Spin-off Health in Code. CEO of the company since January 2012

Publications

More than 90 publications in peer-reviewed journals. Most of them related to inherited cardiovascular diseases and genetics. 5 recent examples:

1- *Genetic counselling and testing in cardiomyopathies: a position statement of the European Society of Cardiology Working Group on Myocardial and Pericardial Diseases. Charron P, Arad M, Arbustini E, Basso C, Bilinska Z, Elliott P, Helio T, Keren A, McKenna WJ, Monserrat L, Pankuweit S, Perrot A, Rapezzi C, Ristic A, Seggewiss H, van Langen I, Tavazzi L. Eur Heart J 2010 Nov;31:2715-26.*
2- *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*
3- *Mutations in the NOTCH pathway regulator MIB1 cause left ventricular noncompaction cardiomyopathy. Luxán G, Casanova JC, Martínez-Poveda B, Prados B, D'Amato G, MacGrogan D, Gonzalez-Rajal A, Dobarro D, Torroja C, Martinez F, Izquierdo-García JL, Fernández-Friera L, Sabater-Molina M, Kong YY, Pizarro G, Ibañez B, Medrano C, García-Pavía P, Gimeno JR, Monserrat L, Jiménez-Borreguero LJ, de la Pompa JL. Nat Med. 2013 Feb;19(2):193-201. doi: 10.1038/nm.3046. Epub 2013 Jan 13.*
4- Novel genotype-phenotype associations demonstrated by high-throughput sequencing in patients with hypertrophic cardiomyopathy. Lopes LR, Syrris P, Guttmann OP, O´Mahony C, Tang HC, Dalageorgou C, Jenkins S, Hubank M, Monserrat L, McKenna WJ, Plagnol V, Elliott PM. Heart 2015;101:294-301.

5- 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. European Heart J 2014 Aug 27.pii:ehu301 (Epub ahead of print)