

Fecha del CVA

30/01/2025

Parte A. DATOS PERSONALES

Nombre *	Jose Luis	
Apellidos *	Zamorano Gomez	
Dirección Email	zamorano@secardiologia.es	
Identificador científico	Open Researcher and Contributor ID (ORCID) *	0000-0002-0487-1749
	Researcher ID	
	Scopus Author ID	7101735283

* Obligatorio

A.1. Situación profesional actual

Puesto	Catedrático/a de Universidad		
Fecha inicio	2018		
Organismo / Institución	Universidad de Alcalá		
Departamento / Centro	Universidad de Alcalá / Universidad de Alcalá		
País		Teléfono	
Palabras clave			

A.2. Situación profesional anterior

Periodo	Puesto / Institución / País
2018 - 2020	Vice-presidente European Society of Cardiology / European Society of Cardiology
2013 - 2018	Profesor Titular Universidad
2012 - 2016	Chairman of the European Society of Cardiology (ESC) Guidelines Committee / European Society of Cardiology
2013 - 2014	National President of the Cardiovascular Research I+D+i/FIS Commission / Instituto de Salud Carlos III
2012 - 2013	Profesor Titular Universidad

A.3. Formación académica

Grado/Master/Tesis	Universidad / País	Año
Doctor in Medicine	Universidad Complutense de Madrid	1991
Graduate in Medicine and Surgery	Universidad Complutense de Madrid	1987

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

Dr Zamorano. World's top scientist Clarivate Analytics (USA) Médicos más citados del mundo 2018-2019-2020.

<https://recognition.webofscience.com/awards/highly-cited/2019/>

Dr Zamorano. Mejor CV Nacional en el Area de Cardiología 2020. <https://grupodih.info/salud.html#CARDIAC&CARDIOVASCULARSYSTEMS>

Dr Zamorano World's top 2% Scientist realizado por la Universidad de Stanford 2021
Miembro de Honor Vitalicio de La Asociación Europea de Imagen Cardiovascular 2021.
Trayectoria científica.

Premio Nacional de la real Academia de Medicina 2022. Académico correspondiente de la Real Academia de Medicina 2022. Los datos que aparecen en el ISI web en 2024 son:

- Results found: 1088
- Sum of the Times Cited: 212.294
- h-index : 139

Autor de más de 800 publicaciones Internacionales y más de 150 Nacionales. (Sin comunicaciones a congresos)

Autor de 30 libros de Texto (8 en lengua Inglesa)

Más de 400 Comunicaciones a Congresos Internacionales

Más de 400 Comunicaciones a Congresos Nacionales

Cinco tramos de investigación reconocidos: 1991-1996, 1997-2002, 2003-2008, 2009-2014, 2015-2020.

Parte C. MÉRITOS MÁS RELEVANTES

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores. Si aplica, indique el número de citaciones

- 1 **Artículo científico.** Charman, Sarah Jane; Okwose, Nduka C.; Groenewegen, Amy; et al; investigators, STRATIFYHF. 2025. Clinical validation of an artificial intelligence-based decision support system for diagnosis and risk stratification of heart failure (STRATIFYHF): a protocol for a prospective, multicentre longitudinal study. BMJ OPEN. 15-1. ISSN 2044-6055.
- 2 **Artículo científico.** Ponikowski, Piotr; Friede, Tim; von Bardeleben, Ralph Stephan; et al; Anker, Stefan D. 2024. Hospitalization of Symptomatic Patients With Heart Failure and Moderate to Severe Functional Mitral Regurgitation Treated With MitraClip: Insights From RESHAPE-HF2. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 84-24, pp.2347-2363. ISSN 0735-1097.
- 3 **Artículo científico.** Anker, Stefan D.; Friede, Tim; von Bardeleben, Ralph-Stephan; et al; Investigators, RESHAPE-HF2. 2024. Transcatheter Valve Repair in Heart Failure with Moderate to Severe Mitral Regurgitation. NEW ENGLAND JOURNAL OF MEDICINE. 391-19, pp.1799-1809. ISSN 0028-4793.
- 4 **Artículo científico.** Parma, Radoslaw; Joner, Michael; Saia, Francesco; et al; Tarantini, Giuseppe. 2024. Procedural and clinical outcomes of patients undergoing a TAVI in TAVI procedure: Rationale and design of the multicentre, prospective, observational ReTAVI registry. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 54-9. ISSN 0014-2972.
- 5 **Artículo científico.** Hernandez-Navarro, Ignacio; Botana, Laura; Diez-Mata, Javier; et al; Zaragoza, Carlos. 2024. Replicative Endothelial Cell Senescence May Lead to Endothelial Dysfunction by Increasing the BH2/BH4 Ratio Induced by Oxidative Stress, Reducing BH4 Availability, and Decreasing the Expression of eNOS. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 25-18. ISSN 1661-6596.
- 6 **Artículo científico.** Hinojar, Rocio; Moreno-Gomez-Toledano, Rafael; Conde, Elisa; et al; Zamorano, Jose Luis. 2024. Circulating miRNA in functional tricuspid regurgitation. Unveiling novel links to heart failure: A pilot study. ESC HEART FAILURE. 11-4, pp.2272-2286. ISSN 2055-5822.
- 7 **Artículo científico.** Bolumburu, Ander Arteagoitia; Ruiz, Juan Manuel Monteagudo; Mahia, Patricia; et al; Zamorano, Jose Luis. 2024. Determinants of Tricuspid Regurgitation Progression and Its Implications for Adequate Management. JACC-CARDIOVASCULAR IMAGING. 17-6. ISSN 1936-878X.
- 8 **Artículo científico.** Jimenez-Blanco Bravo, Marta; Salinas, Gonzalo Luis Alonso; Esteban, Carolina Parra; et al; Urda, Victor Castro. 2024. Right Bundle Branch Block Predicts Appropriate Implantable Cardioverter Defibrillator Therapies in Patients with Non-Ischemic Dilated Cardiomyopathy and a Prophylactic Implantable Cardioverter Defibrillator. DIAGNOSTICS. 14-11.

- 9 **Artículo científico.** Ramirez-Carracedo, Rafael; Hernandez, Ignacio; Moreno-Gomez-Toledano, Rafael; et al; Zaragoza, Carlos. 2024. NOS3 prevents MMP-9, and MMP-13 induced extracellular matrix proteolytic degradation through specific microRNA-targeted expression of extracellular matrix metalloproteinase inducer in hypertension-related atherosclerosis. JOURNAL OF HYPERTENSION. 42-4, pp.685-693. ISSN 0263-6352.
- 10 **Artículo científico.** Hinojar, Rocio; Fernandez-Golfin, Covadonga; Gonzalez Gomez, Ariana; et al; Luis Zamorano, Jose. 2024. STREI: a new index of right heart function in isolated severe tricuspid regurgitation by speckle-tracking echocardiography. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 25-4, pp.520-529. ISSN 2047-2404.
- 11 **Artículo científico.** Muraru, Denisa; Badano, Luigi P.; Hahn, Rebecca T.; et al; Sitges, Marta. 2024. Atrial secondary tricuspid regurgitation: pathophysiology, definition, diagnosis, and treatment. EUROPEAN HEART JOURNAL. 45-11, SI, pp.895-911. ISSN 0195-668X.
- 12 **Artículo científico.** Dreyfus, Julien; Galloo, Xavier; Taramasso, Maurizio; et al; Investigators, TRIGISTRY. 2024. TRI-SCORE and benefit of intervention in patients with severe tricuspid regurgitation. EUROPEAN HEART JOURNAL. 45-8, SI, pp.586-597. ISSN 0195-668X.
- 13 **Artículo científico.** Andreas, Martin; Burri, Haran; Praz, Fabien; et al; Leclercq, Christophe. 2024. Tricuspid valve disease and cardiac implantable electronic devices. EUROPEAN HEART JOURNAL. 45-5, SI, pp.346-365. ISSN 0195-668X.
- 14 **Artículo científico.** Blasco-Turrion, Sara; Briedis, Kasparas; Estevez-Loureiro, Rodrigo; et al; Amat-Santos, Ignacio J.2024. Bicaval TricValve Implantation in Patients With Severe Symptomatic Tricuspid Regurgitation 1-Year Follow-Up Outcomes. JACC-CARDIOVASCULAR INTERVENTIONS. 17-1, pp.60-72. ISSN 1936-8798.
- 15 **Artículo científico.** Adamo, Marianna; Chioncel, Ovidiu; Pagnesi, Matteo; et al; Metra, Marco. 2024. Epidemiology, pathophysiology, diagnosis and management of chronic right-sided heart failure and tricuspid regurgitation. A clinical consensus statement of the Heart Failure Association (HFA) and the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC. EUROPEAN JOURNAL OF HEART FAILURE. 26-1, pp.18-33. ISSN 1388-9842.
- 16 **Artículo científico.** Briedis, Kasparas; Estevez-Loureiro, Rodrigo; Cruz Gonzalez, Ignacio; et al; Blasco-Turrion, Sara. 2023. 1-Year Outcomes After CE-Marked Approved Bicaval-Valve System Implantation in Patients With Severe Tricuspid Regurgitation. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 82-17, S, pp.B91-B91. ISSN 0735-1097.
- 17 **Artículo científico.** Lozano-Granero, Cristina; Hirokami, Jun; Franco, Eduardo; et al; Chun, Julian. 2023. Case Series of Ventricular Tachycardia Ablation With Pulsed-Field Ablation Pushing Technology Further (Into the Ventricle). JACC-CLINICAL ELECTROPHYSIOLOGY. 9-9, pp.1990-1994. ISSN 2405-500X.
- 18 **Artículo científico.** Zamorano, Jose Luis; Appleby, Clare; Benamer, Hakim; Frankenstein, Lutz; Musumeci, Giuseppe; Nombela-Franco, Luis. 2023. Improving access to transcatheter aortic valve implantation across Europe by restructuring cardiovascular services: An expert council consensus statement. CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS. 102-3, pp.547-557. ISSN 1522-1946.
- 19 **Artículo científico.** Anguita-Gamez, Maria; Giraldo, Maria A.; Nombela-Franco, Luis; et al; Carnero-Alcazar, Manuel. 2023. Validation of the TRI-SCORE in patients undergoing surgery for isolated tricuspid regurgitation. HEART. 109-18, pp.1401-1406. ISSN 1355-6037.
- 20 **Artículo científico.** Agricola, Eustachio; Ancona, Francesco; Bartel, Thomas; et al; Donal, Erwan. 2023. Multimodality imaging for patient selection, procedural guidance, and follow-up of transcatheter interventions for structural heart disease: a consensus document of the EACVI Task Force on Interventional Cardiovascular Imaging: part 1: access routes, transcatheter aortic valve implantation, and transcatheter mitral valve interventions. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 24-9, pp.E209-E268. ISSN 2047-2404.

- 21 **Artículo científico.** Hinojar, Rocio; Fernandez-Golfin, Covadonga; Gomez, Ariana Gomez; et al; Zamorano, Jose Luis. 2023. Clinical utility and prognostic value of right atrial function in severe tricuspid regurgitation: one more piece of the puzzle. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 24-8, pp.1092-1101. ISSN 2047-2404.
- 22 **Artículo científico.** Faletra, Francesco F.; Agricola, Eustachio; Flachskampf, Frank A.; et al; Stankovic, Ivan. 2023. Three-dimensional transoesophageal echocardiography: how to use and when to use-a clinical consensus statement from the European Association of Cardiovascular Imaging of the European Society of Cardiology. EUROPEAN HEART JOURNAL-CARDIOVASCULAR IMAGING. 24-8, pp.E119-E197. ISSN 2047-2404.
- 23 **Artículo científico.** Pardo-Sanz; Salido-Tahoces; Sanchez-Recalde; et al; Zamorano. 2023. The 4A classification for patients with tricuspid regurgitation. Rev Esp Cardiol (Engl Ed) . <https://doi.org/10.1016/j.rec.2023.02.008>
- 24 **Artículo científico.** Kar, Saibal; von Bardeleben, Ralph Stephan; Rottbauer, Wolfgang; et al; Maisano, Francesco. 2023. Contemporary Outcomes Following Transcatheter Edge-to-Edge Repair. JACC-CARDIOVASCULAR INTERVENTIONS. 16-5, pp.589-602. ISSN 1936-8798.
- 25 **Artículo científico.** Rocío Hinojar; (2/8) José Luís Zamorano Gómez; Ariana González Gómez; Ana García-Martín; Juan Manuel Monteagudo; Inés García Lunar; Angel Sanchez Recalde; Covadonga Fernandez-Golfin. 2023. Prognostic Impact of Right Ventricular Strain in Isolated Severe Tricuspid Regurgitation. Journal of the American Society of Echocardiography. pp.S0894-7317. ISSN 0894-7317. <https://doi.org/10.1016/j.echo.2023.02.009>
- 26 **Artículo científico.** Eduardo Franco; Cristina Lozano Granero; Nuno Cortez-Dias; et al; Javier Moreno; (8/9) José Luís Zamorano Gómez. 2023. Automatic identification of areas with low-voltage fragmented electrograms for the detection of the critical isthmus of atypical atrial flutters. Journal of Cardiovascular Electrophysiology. 34/2, pp.356-365. ISSN 1045-3873. <https://doi.org/10.1111/jce.15758>
- 27 **Artículo científico.** Danilo Neglia; Riccardo Liga; Alessia Gimelli; et al; Victoria Delgado; (17/30) José Luís Zamorano Gómez. 2023. Use of cardiac imaging in chronic coronary syndromes: the EURECA Imaging registry. European Heart Journal. 44/2, pp.142-158. ISSN 0195-668X. <https://doi.org/10.1093/eurheartj/ehac640>
- 28 **Artículo científico.** Mony Shuvy; Ralph Stephan von Bardeleben; Carmelo Grasso; et al; Francesco Maisano; (6/9) José Luís Zamorano Gómez. 2023. Safety and efficacy of MitraClip in acutely ill (NYHA Class IV) patients with mitral regurgitation: Results from the global EXPAND study. ESC heart failure. ISSN 2055-5822. <https://doi.org/10.1002/ehf2.14273>
- 29 **Artículo científico.** Mathias Orban; Wolfgang Rottbauer; Mathew Williams; et al; Jörg Hausleiter; (6/10) José Luís Zamorano Gómez. 2023. Transcatheter edge-to-edge repair for secondary mitral regurgitation with third-generation devices in heart failure patients - results from the Global EXPAND Post-Market study. European Journal of Heart Failure. ISSN 1388-9842. <https://doi.org/10.1002/ejhf.2770>
- 30 **Artículo científico.** Joaquín Osca; Jaume Francisco-Pascual; Javier Martínez-Basterra; et al; Javier Alzueta; (13/15) José Luís Zamorano Gómez. 2022. Response rate in cardiac resynchronization therapy patients implanted with a left ventricular quadripolar lead and the MultiPoint_z pacing feature early activated. QUARTO III. European Journal of Clinical Investigation. pp.e13935. ISSN 0014-2972. <https://doi.org/10.1111/eci.13935>
- 31 **Artículo científico.** Steele C Butcher; Stephan M Pio; William K F Kong; et al; Victoria Delgado; (13/17) José Luís Zamorano Gómez. 2022. Left ventricular remodelling in bicuspid aortic valve disease. European heart journal cardiovascular Imaging. 23/12, pp.1669-1679. ISSN 2047-2404. <https://doi.org/10.1093/ehjci/jeab284>
- 32 **Artículo científico.** Steele C Butcher; Prevedello Francesca; Federico Fortuni; et al; Victoria Delgado; (22/26) José Luís Zamorano Gómez. 2022. Prevalence and Prognostic Implications of Moderate or Severe Mitral Regurgitation in Patients with Bicuspid Aortic Valve. Journal of the American Society of Echocardiography. pp.S0894-7317. ISSN 0894-7317. <https://doi.org/10.1016/j.echo.2022.10.019>

- 33 **Artículo científico.** Luis M Rincón; Macarena Rodríguez-Serrano; Elisa Conde; et al; (11/11) José Luís Zamorano Gómez. 2022. Serum microRNAs are key predictors of long-term heart failure and cardiovascular death after myocardial infarction. ESC heart failure. 9/5, pp.3367-3379. ISSN 2055-5822. <https://doi.org/10.1002/ehf2.13919>
- 34 **Artículo científico.** Sébastien Hecht; Steele C Butcher; Stephan M Pio; et al; Philippe Pibarot; (22/26) José Luís Zamorano Gómez. 2022. Impact of Left Ventricular Ejection Fraction on Clinical Outcomes in Bicuspid Aortic Valve Disease. Journal of the American College of Cardiology. 80/11, pp.1071-1084. ISSN 0735-1097. <https://doi.org/10.1016/j.jacc.2022.06.032>
- 35 **Artículo científico.** Anna Sannino; Sarah Campbell; Julia Grapsa; et al; Patrizio Lancellotti; (7/12) José Luís Zamorano Gómez. 2022. European survey on valvular heart disease clinical experience from the European Society of Cardiology council on valvular heart disease. European Heart Journal Open. 2/5, pp.oeac054v. ISSN 2752-4191. <https://doi.org/10.1093/ehjopen/oeac054>
- 36 **Artículo científico.** Laura Tesoro; (2/12) José Luís Zamorano Gómez; Carlos Zaragoza Sanchez; et al; Marco Fillice. 2022. NIL10: a new IL10-receptor binding nanoparticle that induces cardiac protection in mice and pigs subjected to acute myocardial infarction through STAT3/NF-kB activation. Pharmaceutics. 14/10. ISSN 1999-4923. <https://doi.org/doi:10.3390/pharmaceutics14102044>.
- 37 **Artículo científico.** SANDRA SANCHEZ ESTEBAN; Mercedes Castro Pinto; Alberto Cook-Calvete; et al; Marta Saura Redondo; (9/11) José Luís Zamorano Gómez. 2022. Integrin-Linked Kinase Expression in Human Valve Endothelial Cells Plays a Protective Role in Calcific Aortic Valve Disease. Antioxidants. 11/9, pp.1736. ISSN 2076-3921. <https://doi.org/10.3390/antiox11091736>
- 38 **Artículo científico.** Donal; Zamorano; Maisano; Muraru; Bartko; Badano; Hahn. 2022. Tricuspid regurgitation: recent advances in understanding pathophysiology, severity grading and outcome. Eur Heart J Cardiovasc Imaging .23-7, pp.913-929. <https://doi.org/10.1093/ehjci/jeac009>
- 39 **Artículo científico.** Rafel Ramírez-Carracedo; marcelo Sanmartín; Amadeo Ten; et al; Carlos Zaragoza Sánchez; (14/15) José Luís Zamorano Gómez. 2022. Theranostic Contribution of Extracellular Matrix Metalloprotease Inducer-Paramagnetic Nanoparticles Against Acute Myocardial Infarction in a Pig Model of Coronary Ischemia-Reperfusion. CIRCULATION-CARDIOVASCULAR IMAGING. 15/6, pp.e013379.. ISSN 1941-9651. <https://doi.org/10.1161/CIRCIMAGING.121.013379>
- 40 **Artículo científico.** Dangas; Saito; Veltkamp; et al; Van Mieghem. 2021. Edoxaban versus Vitamin K Antagonist for Atrial Fibrillation after TAVR. Engl J Med .385-23, pp.2150-2160. <https://doi.org/10.1056/NEJMoa2111016>
- 41 **Artículo científico.** Fabien Praz; Denisa Muraru; Felix Kreidel; et al; Francesco Maisano; (12/14) José Luís Zamorano Gómez. 2021. Transcatheter treatment for tricuspid valve disease. EuroIntervention. 17/10, pp.791-808. ISSN 1774-024X. <https://doi.org/10.4244/EIJ-D-21-00695>
- 42 **Artículo científico.** Fernández-Golfin; de la Hera; Adeba; et al; Zamorano. 2021. New insights of tricuspid regurgitation: a large-scale prospective cohort study. Eur Heart J Cardiovasc Imaging. 22-2, pp.196-202. <https://doi.org/10.1093/ehjci/jeaa205>
- 43 **Artículo científico.** Juan Diego Sánchez Vega; Luisa Salido Tahoces; (3/4) José Luís Zamorano Gómez; Ángel Sánchez-Recalde. 2020. Simultaneous percutaneous repair in mitral and tricuspid regurgitation: step by step. Revista Espanola de Cardiologia. 73/12, pp.1085-1086. ISSN 0300-8932. <https://doi.org/10.1016/j.rec.2020.08.017>
- 44 **Artículo científico.** Laura Tesoro; Rafael Ramirez Carracedo; Ignacio Hernandez; et al; Carlos Zaragoza Sanchez; (8/9) José Luís Zamorano Gómez. 2020. Ivabradine induces cardiac protection by preventing cardiogenic shock-induced extracellular matrix degradation.Revista española de cardiología (English ed.). 74/12, pp.1062-1071. ISSN 1885-5857. <https://doi.org/10.1016/j.rec.2020.09.012>

- 45 **Artículo científico.** Virginia Pascual-Tejerina; Angel Sánchez-Recalde; Gonzalo Garzón; (4/4) José Luís Zamorano Gómez. 2020. A novel transcatheter technique to treat of post-coarctation aneurysm with device occlusion of the aortic arch and descending aorta in a patient with an extra-anatomic bypass. *European Heart Journal*. 41/25, pp.2412-2413. ISSN 0195-668X. <https://doi.org/10.1093/eurheartj/ehz670>
- 46 **Artículo científico.** William K F Kong; E Mara Vollema; Francesca Prevedello; et al; Jeroen J Bax; (20/24) José Luís Zamorano Gómez. 2020. Prognostic implications of left ventricular global longitudinal strain in patients with bicuspid aortic valve disease and preserved left ventricular ejection fraction. *European heart journal cardiovascular Imaging*. 21/7, pp.759-767. ISSN 2047-2404. <https://doi.org/10.1093/ehjci/jez252>
- 47 Hinojar Baydes, R.; Gonzalez-Gomez, A.; Garcia-Martin, A.; et al; Fernandez-Golfín, C.2022. Clinical utility and prognostic value of right atrial function in severe tricuspid regurgitation. One more piece of the puzzle. *EUROPEAN HEART JOURNAL*. 43. ISSN 0195-668X.
- 48 Agrícola E; Meucci F; Ancona F; Pardo Sanz A; Zamorano JL. 2022. Echocardiographic guidance in transcatheter structural cardiac interventions. *EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology*. 17, pp.1205-1226. ISSN 1774-024X. Otros (63) <https://doi.org/10.4244/EIJ-D-21-00582>
- 49 Rincón LM; Rodríguez-Serrano M; Conde E; et al; Zamorano JL. 2022. Serum microRNAs are key predictors of long-term heart failure and cardiovascular death after myocardial infarction. *ESC heart failure*. 9, pp.3367-3379. Otros (28) <https://doi.org/10.1002/ehf2.13919>
- 50 Fernández-Golfín C; Hinojar-Baydes R; González-Gómez A; et al; Zamorano JL. 2021. Prognostic implications of cardiac magnetic resonance feature tracking derived multidirectional strain in patients with chronic aortic regurgitation. *European radiology*. 31, pp.5106-5115. ISSN 0938-7994. <https://doi.org/10.1007/s00330-020-07651-6>

C.3. Proyectos y Contratos

- 1 **Proyecto.** STRATIFY HF- 101080905. Artificial intelligent-based decision support system for risk stratification and early detection of heart failure in primary and secondary care (Horizon 2022). (Hospital Universitario Ramón y Cajal). 2023-2027. 417.500 €.
- 2 **Proyecto.** H2020-SC1-BHC-2018-2020. RETENTION. Heart Failure Patient Management and Interventions using clinical and real-world data.. 01/05/2021-30/04/2025.
- 3 **Proyecto.** RETENTION- 965343. Heart failure patient management and interventions using clinical and real-world data. (Hospital Universitario Ramón y Cajal). 2020- 2025. 569.370 €.
- 4 **Proyecto.** PRESERVATION-1 "A Placebo-Controlled, Multicenter, Randomized, Double Blind Trial to Evaluate the Safety and Effectiveness of IK-5001 For the prevention of remodeling of the ventricle and congestive heart failure".. José Luís Zamorano Gómez. 2010-2015.
- 5 **Proyecto.** FH-EARLY-101155885. New strategies for the early diagnosis, risk stratification and co-management of familial hypercholesterolemia. Horizon-HTLH-2024-DISEASE- 03-08-two stage. Zamorano Gómez. (Hospital Universitario Ramón y Cajal). Desde 2025.
- 6 **Proyecto.** XiA-1011187650. Expanding Innovative Alliance for interoperability skills in digital health. ERASMUS-EDU-2024-PI-ALL-INNO. CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA. (Hospital Universitario Ramón y Cajal). Desde 2025.
- 7 **Proyecto.** PRESCISE-MI (Evaluación prospectiva de la eficacia y seguridad del Algoritmo Europeo 0/1 hora para la clasificación de pacientes con sospecha de infarto de miocardio. Desde 2022.
- 8 **Proyecto.** VANTAGE. TAVI en riesgo bajo-intermedio. Desde 2022.
- 9 **Proyecto.** EUROSTARS-H2020. Proyecto HF-PREDICT: "A Clinical Wearable System with Predictive Analytics for Heart Failure Management".. Desde 05/2017. 80.000 €.