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 - Place and Date of Birth: Barcelona (Spain), December 8th, 1975
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 Victoria Delgado Garcia

1/4/2022

A) Education:

- 1993-1999: Degree in Medicine and Surgery, Universitat de Barcelona with the following qualifications: A with honors:5, A:20, B:6, C:0
- March 2000: Residency in Cardiology, M.I.R. in the Spanish Healthcare System after being placed 36 out of 20,000 candidates.
- June 2001: Certificated by the Spanish Government to practice as a Physician in the Public Healthcare System of Spain and the other countries members of the European Union.
- 2000-2005: Residency in Cardiology, Clinical Thorax Institute, Hospital Clinic, Barcelona, Spain.
- 2005-2006: Grade of Research Sufficiency in Doctorate Programme: Biopathology in Medicine. University of Barcelona.
- November 2011: Doctorate in Medicine cum laude at the Leiden University (Leiden, The Netherlands) for the thesis entitled: Novel Cardiac Imaging Technologies: Implications in Clinical Decision Making.
- September 2018: Master Women transforming leadership by the Oxford University

Languages (LEVEL: B=basic/ I= intermediate/ A= advanced)

| | Dutch | English | Spanish | Catalan |
|---------|-------|---------|---------|---------|
| Written | I | A | A | A |
| Read | I | A | A | A |
| Spoken | I | A | A | A |

B) Professional Experience:

- 1995-1999: Internship as a medical student in Internal Medicine and General Surgery, Hospital Clinic, Barcelona, Spain.

- 2003-2006: Medical Assistant in the Stress Test Lab, EchoLab and Outpatient Visit, Diagnosis Medica, Barcelona, Spain.
- 2000-2005: Residency in Cardiology, Clinical Thorax Institute, Hospital Clinic, Barcelona, Spain.
- From July 2005: Member of the Cardiovascular Research Unit, Cardiovascular Institute, Hospital Clínic, Barcelona, Spain. In charge of the project regarding “New prognostic markers of left ventricular remodeling and mitral regurgitation after ST-segment elevation acute myocardial infarction: role of new imaging techniques and new inflammation biomarkers” (Grant from the Spanish Cardiology Society).
- From July 2005: Fellowship in the Echocardiography Lab, Clinical Thorax Institute, Hospital Clinic, Barcelona, Spain. The lab is equipped with 5 ultrasound machines, performs about 4,000 TTE/year, 200 TEE/year and 150 DSE/year, including myocardial contrast echocardiography, and is now beginning to work with Real-time 3D echocardiography. Achievements: AHA/ACC level 4 (stress echo and TEE performance).
- From January 2007-December 2009: Fellowship in multimodality cardiac imaging at the department of Cardiology of the Leiden University Medical Center (Leiden, The Netherlands) under the supervision of Prof. Dr. Jeroen J Bax.
- From January 2010 – December 2021: Senior Cardiologist – Associate Professor of the department of Cardiology of the Leiden University Medical Center.
- President of the Scientific Commission *Sciences de la Vie et de la Santé - 4 (SVS-4)* of the F.R.S.-FNRS.

C) Publications:

Scientific seniority : 14

Number of publications : 694

H-Index : 75

Number of citations : 32,415

Citations average : 46.8 per document / 1906.8 per year

The most relevant publications in the last 5 years (according to Impact Factor):

1. Jean G, Van Mieghem NM, Gegenava T, van Gils L, Bernard J, Geleijnse ML, Vollema EM, El Azzouzi I, Spitzer E, **Delgado V**, Bax JJ, Pibarot P, Clavel MA. Moderate Aortic Stenosis in Patients With Heart Failure and Reduced Ejection Fraction. *J Am Coll Cardiol*. 2021 Jun 8;77(22):2796-2803
2. Tjahjadi C, Hiemstra YL, van der Bijl P, Pio SM, Bootsma M, Ajmone Marsan N, **Delgado V**, Bax JJ. Assessment of left atrial electro-mechanical delay to predict atrial fibrillation in hypertrophic cardiomyopathy. *Eur Heart J Cardiovasc Imaging*. 2021 Apr 28;22(5):589-596
3. Ng ACT, **Delgado V**, Borlaug BA, Bax JJ. Diabetes: the combined burden of obesity and diabetes on heart disease and the role of imaging. *Nat Rev Cardiol*. 2021 Apr;18(4):291-304.
4. Lustosa RP, Butcher SC, van der Bijl P, El Mahdiui M, Montero-Cabezas JM, Kostyukevich MV, Rocha De Lorenzo A, Knuuti J, Ajmone Marsan N, Bax JJ, **Delgado V**. Global Left Ventricular Myocardial Work Efficiency and Long-Term Prognosis in Patients After ST-Segment-Elevation Myocardial Infarction. *Circ Cardiovasc Imaging*. 2021 Mar;14(3):e012072.
5. van Wijngaarden AL, de Riva M, Hiemstra YL, van der Bijl P, Fortuni F, Bax JJ, **Delgado V**, Ajmone Marsan N. Parameters associated with ventricular arrhythmias in mitral valve prolapse with significant regurgitation. *Heart*. 2021 Mar;107(5):411-418.

6. Fortuni F, Dietz MF, Prihadi EA, van der Bijl P, De Ferrari GM, Knuuti J, Bax JJ, **Delgado V**, Ajmone Marsan N. JACC Cardiovasc Imaging. 2021 Jun;14(6):1085-1095.
7. Butcher SC, Fortuni F, Montero-Cabezas JM, Abou R, El Mahdiui M, van der Bijl P, van der Velde ET, Ajmone Marsan N, Bax JJ, **Delgado V**. Right ventricular myocardial work: proof-of-concept for non-invasive assessment of right ventricular function. Eur Heart J Cardiovasc Imaging. 2021 Jan 22;22(2):142-152
8. Fortuni F, Bax JJ, **Delgado V**. Changing the Paradigm in the Management of Valvular Heart Disease: In Addition to Left Ventricular Ejection Fraction, Focus on the Myocardium. Circulation. 2021 Jan 19;143(3):209-211
9. Dietz MF, Prihadi EA, van der Bijl P, Ajmone Marsan N, Bax JJ, **Delgado V**. The Obesity Paradox in Patients with Significant Tricuspid Regurgitation: Effects of Obesity on Right Ventricular Remodeling and Long-Term Prognosis. J Am Soc Echocardiogr. 2021 Jan;34(1):20-29
10. Abou, R., Van Der Bijl, P., Bax, J.J., **Delgado, V**. Global longitudinal strain: Clinical use and prognostic implications in contemporary practice (2020) Heart, 106 (18), pp. 1438-1444.
11. Ng, A.C.T., Holmes, D.R., Mack, M.J., **Delgado, V.**, Makkar, R., Blanke, P., Leipsic, J.A., Leon, M.B., Bax, J.J. Leaflet immobility and thrombosis in transcatheter aortic valve replacement (2020) European heart journal, 41 (33), pp. 3184-3197.
12. Yoon, S.-H., Kim, W.-K., Dhoble, A., Milhorini Pio, S., Babaliaros, V., Jilaihawi, H., Pilgrim, T., De Backer, O., Bleiziffer, S., Vincent, F., Schmitz, T., Butter, C., Kamioka, N., Eschenbach, L., Renker, M., Asami, M., Lazkani, M., Fujita, B., Birs, A., Barbanti, M., Pershad, A., Landes, U., Oldemeyer, B., Kitamura, M., Oakley, L., Ochiai, T., Chakravarty, T., Nakamura, M., Ruile, P., Deuschl, F., Berman, D., Modine, T., Ensminger, S., Kornowski, R., Lange, R., McCabe, J.M., Williams, M.R., Whisenant, B., **Delgado, V.**, Windecker, S., Van Belle, E., Sondergaard, L., Chevalier, B., Mack, M., Bax, J.J., Leon, M.B., Makkar, R.R., Bicuspid Aortic Valve Stenosis Transcatheter Aortic Valve Replacement Registry Investigators Bicuspid Aortic Valve Morphology and Outcomes After Transcatheter Aortic Valve Replacement (2020) Journal of the American College of Cardiology, 76 (9), pp. 1018-1030.
13. Dietz, M.F., Prihadi, E.A., van der Bijl, P., Ajmone Marsan, N., **Delgado, V.**, Bax, J.J. Prognostic Implications of Staging Right Heart Failure in Patients With Significant Secondary Tricuspid Regurgitation (2020) JACC: Heart Failure, 8 (8), pp. 627-636.
14. Abou, R., Goedemans, L., van der Bijl, P., Fortuni, F., Prihadi, E.A., Mertens, B., Schalij, M.J., Ajmone Marsan, N., Bax, J.J., **Delgado, V**. Correlates and Long-Term Implications of Left Ventricular Mechanical Dispersion by Two-Dimensional Speckle-Tracking Echocardiography in Patients with ST-Segment Elevation Myocardial Infarction (2020) Journal of the American Society of Echocardiography, 33 (8), pp. 964-972.
15. Podlesnikar, T., Podlesnikar, T., Podlesnikar, T., Pizarro, G., Pizarro, G., Pizarro, G., Fernández-Jiménez, R., Fernández-Jiménez, R., Fernández-Jiménez, R., Montero-Cabezas, J.M., Greif, N., Sánchez-González, J., Bucciarelli-Ducci, C., Marsan, N.A., Fras, Z., Bax, J.J., Fuster, V., Fuster, V., Ibáñez, B., Ibáñez, B., **Delgado, V**. Left ventricular functional recovery of infarcted and remote myocardium after ST-segment elevation myocardial infarction (METOCARD-CNIC randomized clinical trial substudy) (2020) Journal of Cardiovascular Magnetic Resonance, 22 (1), art. no. 44, .

16. Kruithof, B.P.T., Paardekooper, L., Hiemstra, Y.L., Goumans, M.-J., Palmen, M., **Delgado, V.**, Klautz, R.J.M., Ajmone Marsan, N. Stress-induced remodelling of the mitral valve: A model for leaflet thickening and superimposed tissue formation in mitral valve disease (2020) *Cardiovascular Research*, 116 (5), pp. 931-943.
17. Namazi, F., van der Bijl, P., Hirasawa, K., Kamperidis, V., van Wijngaarden, S.E., Mertens, B., Leon, M.B., Hahn, R.T., Stone, G.W., Narula, J., Ajmone Marsan, N., **Delgado, V.**, Bax, J.J. Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients With Secondary Mitral Regurgitation (2020) *Journal of the American College of Cardiology*, 75 (7), pp. 750-758.
18. Hiemstra, Y.L., Tomsic, A., van Wijngaarden, S.E., Palmen, M., Klautz, R.J.M., Bax, J.J., **Delgado, V.**, Ajmone Marsan, N. Prognostic Value of Global Longitudinal Strain and Etiology After Surgery for Primary Mitral Regurgitation (2020) *JACC: Cardiovascular Imaging*, 13 (2P2), pp. 577-585.
19. van der Bijl, P., Abou, R., Goedemans, L., Gersh, B.J., Holmes, D.R., Jr., Ajmone Marsan, N., **Delgado, V.**, Bax, J.J. Left Ventricular Post-Infarct Remodeling: Implications for Systolic Function Improvement and Outcomes in the Modern Era (2020) *JACC: Heart Failure*, 8 (2), pp. 131-140.
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22. Knuuti, J., Wijns, W., Achenbach, S., Agewall, S., Barbato, E., Bax, J.J., Capodanno, D., Cuisset, T., Deaton, C., Dickstein, K., Edvardsen, T., Escaned, J., Funck-Brentano, C., Gersh, B.J., Gilard, M., Hasdai, D., Hatala, R., Mahfoud, F., Masip, J., Muneretto, C., Prescott, E., Saraste, A., Storey, R.F., Svitil, P., Valgimigli, M., Windecker, S., Aboyans, V., Baigent, C., Collet, J.-P., Dean, V., **Delgado, V.**, Fitzsimons, D., Gale, C.P., Grobbee, D.E., Halvorsen, S., Hindricks, G., Iung, B., Jüni, P., Katus, H.A., Landmesser, U., Leclercq, C., Lettino, M., Lewis, B.S., Merkely, B., Mueller, C., Petersen, S., Petronio, A.S., Richter, D.J., Roffi, M., Shlyakhto, E., Simpson, I.A., Sousa-Uva, M., Touyz, R.M., Task Force, European Society of Cardiology (ESC), ESC Committee for Practice Guidelines (CPG) 2019 ESC guidelines for the diagnosis and management of chronic coronary syndromes (2020) *European Heart Journal*, 41 (3), pp. 407-477.
23. Dietz, M.F., Prihadi, E.A., van der Bijl, P., Ajmone Marsan, N., Bax, J.J., **Delgado, V.** The Obesity Paradox in Patients with Significant Tricuspid Regurgitation: Effects of Obesity on Right Ventricular Remodeling and Long-Term Prognosis (2020) *Journal of the American Society of Echocardiography*, .
24. Bax, J.J., **Delgado, V.**, Hahn, R.T., Leipsic, J., Min, J.K., Grayburn, P., Sondergaard, L., Yoon, S.-H., Windecker, S. Transcatheter Aortic Valve Replacement: Role of Multimodality Imaging in Common and Complex Clinical Scenarios (2020) *JACC: Cardiovascular Imaging*, 13 (1), pp. 124-139.
25. Van Wijngaarden, A.L., Hiemstra, Y.L., Koopmann, T.T., Ruivenkamp, C.A.L., Aten, E., Schali, M.J., Bax, J.J., **Delgado, V.**, Barge-Schaapveld, D.Q.C.M., Ajmone Marsan, N. Identification of known and unknown genes associated with mitral valve prolapse using an exome slice methodology (2020) *Journal of Medical Genetics*, art. no. 2019106715, .
26. Namazi, F., van der Bijl, P., Fortuni, F., Mertens, B.J.A., Kamperidis, V., van Wijngaarden, S.E., Stone, G.W., Narula, J., Ajmone Marsan, N., Vahanian, A., **Delgado, V.**, Bax, J.J. Regurgitant Volume/Left Ventricular End-Diastolic Volume Ratio: Prognostic Value in Patients With Secondary Mitral Regurgitation (2020) *JACC: Cardiovascular Imaging*, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090199215&doi=10.1016%2fj.jcmg.2020.06.032&partnerID=40&md5=1d83a241fe0f81b27abf4b0b72b14b25>
27. Mach, F., Baigent, C., Catapano, A.L., Koskinas, K.C., Casula, M., Badimon, L., Chapman, M.J., De Backer, G.G., **Delgado, V.**, Ference, B.A., Graham, I.M., Halliday, A., Landmesser, U., Mihaylova, B., Pedersen, T.R., Riccardi, G., Richter, D.J., Sabatine, M.S., Taskinen, M.-R., Tokgozoglu, L., Wiklund, O., The Task Force for the management of dyslipidaemias of the European Society of Cardiology (ESC) 2019 ESC/EAS Guidelines for the management of dyslipidaemias: Lipid modification to reduce cardiovascular risk (2020) *European Heart Journal*, 41 (1), pp. 111-188.
28. Taramasso, M., Benfari, G., van der Bijl, P., Alessandrini, H., Attinger-Toller, A., Biasco, L., Lurz, P., Braun, D., Brochet, E., Connelly, K.A., de Bruijn, S., Denti, P., Deuschl, F., Estevez-Loureiro, R., Fam, N., Frerker, C., Gavazzoni, M., Hausleiter, J., Ho, E., Juliard, J.-M., Kaple, R., Besler, C., Kodali, S., Kreidel, F., Kuck, K.-H., Latib, A., Lauten, A., Monivas, V., Mehr, M., Muntané-Carol, G., Nazif, T., Nickening, G., Pedrazzini, G., Philippon, F., Pozzoli, A., Praz, F., Puri, R., Rodés-Cabau, J., Schäfer, U., Schofer, J., Sievert, H., Tang, G.H.L., Thiele, H., Topilsky, Y., Rommel, K.-P., **Delgado, V.**, Vahanian, A., Von Bardeleben, R.S., Webb, J.G., Weber, M., Windecker, S., Winkel, M., Zuber, M., Leon, M.B., Hahn, R.T., Bax, J.J., Enriquez-Sarano, M., Maisano, F. Transcatheter Versus Medical

- Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation (2019) *Journal of the American College of Cardiology*, 74 (24), pp. 2998-3008.
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 30. Leipsic, J., Nørgaard, B.L., Khalique, O., Cavalcante, J.L., Wang, D.D., Jilaihawi, H., **Delgado, V.**, Bax, J.J., Blanke, P. Core Competencies in Cardiac CT for Imaging Structural Heart Disease Interventions: An Expert Consensus Statement (2019) *JACC: Cardiovascular Imaging*, 12 (12), pp. 2555-2559.
 31. Bax, J.J., Debonnaire, P., Lancellotti, P., Ajmone Marsan, N., Tops, L.F., Min, J.K., Piazza, N., Leipsic, J., Hahn, R.T., **Delgado, V.** Transcatheter Interventions for Mitral Regurgitation: Multimodality Imaging for Patient Selection and Procedural Guidance (2019) *JACC: Cardiovascular Imaging*, 12 (10), pp. 2029-2048.
 32. Dietz, M.F., Prihadi, E.A., Van Der Bijl, P., Goedemans, L., Mertens, B.J.A., GURSOY, E., Van Genderen, O.S., Ajmone Marsan, N., **Delgado, V.**, Bax, J.J. Prognostic Implications of Right Ventricular Remodeling and Function in Patients with Significant Secondary Tricuspid Regurgitation (2019) *Circulation*, 140 (10), pp. 836-845.
 33. Tastet, L., Tribouilloy, C., Maréchaux, S., Vollema, E.M., **Delgado, V.**, Salaun, E., Shen, M., Capoulade, R., Clavel, M.-A., Arsenault, M., Bédard, É., Bernier, M., Beaudoin, J., Narula, J., Lancellotti, P., Bax, J.J., Généreux, P., Pibarot, P. Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis (2019) *Journal of the American College of Cardiology*, 74 (4), pp. 550-563.
 34. Vollema, E.M., Amanullah, M.R., Ng, A.C.T., van der Bijl, P., Prevedello, F., Sin, Y.K., Prihadi, E.A., Marsan, N.A., Ding, Z.P., Généreux, P., Pibarot, P., Leon, M.B., Narula, J., Ewe, S.H., **Delgado, V.**, Bax, J.J. Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis (2019) *Journal of the American College of Cardiology*, 74 (4), pp. 538-549.
 35. Podlesnikar, T., Pizarro, G., Fernández-Jiménez, R., Montero-Cabezas, J.M., Sánchez-González, J., Bucciarelli-Ducci, C., Ajmone Marsan, N., Frascos, Z., Bax, J.J., Fuster, V., Ibáñez, B., **Delgado, V.** Effect of Early Metoprolol During ST-Segment Elevation Myocardial Infarction on Left Ventricular Strain: Feature-Tracking Cardiovascular Magnetic Resonance Substudy From the METOCARD-CNIC Trial (2019) *JACC: Cardiovascular Imaging*, 12 (7), pp. 1188-1198.
 36. Bax, J.J., Di Carli, M., Narula, J., **Delgado, V.** Multimodality imaging in ischaemic heart failure (2019) *The Lancet*, 393 (10175), pp. 1056-1070.
 37. Prihadi, E.A., **Delgado, V.**, Leon, M.B., Enriquez-Sarano, M., Topilsky, Y., Bax, J.J. Morphologic Types of Tricuspid Regurgitation: Characteristics and Prognostic Implications (2019) *JACC: Cardiovascular Imaging*, 12 (3), pp. 491-499.
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 39. Iung, B., **Delgado, V.**, Rosenhek, R., Price, S., Prendergast, B., Wendler, O., De Bonis, M., Tribouilloy, C., Evangelista, A., Bogachev-Prokophiev, A., Apor, A., Ince, H., Laroche, C., Popescu, B.A., Piérard, L., Haude, M., Hindricks, G., Ruschitzka, F., Windecker, S., Bax, J.J., Maggioni, A., Vahanian, A., EORP VHD II Investigators Contemporary presentation and management of valvular heart

- disease: The EUobservational research programme valvular heart disease II survey (2019) *Circulation*, 140 (14), pp. 1-38.
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E) Book chapters:

1. Imaging: How can it help before transcatheter aortic valve implantation?. *Transcatheter Implantation of the Aortic Valve: Tips & Tricks to Avoid Failure.*

- Informa Healthcare USA, Inc. 52 Vanderbilt Avenue. New York, NY 10017. ©2008 by Informa Healthcare USA, Inc.
2. The ESC Textbook of Cardiovascular Imaging 2nd Edition. Chapter Cardiac resynchronization therapy: selection of candidates Edited by Jose Luis Zamorano, Jeroen Bax, Udo Sechtem, Patrizio Lancellotti, and Luigi Badano. © 2010. Oxford University Press.
 3. AV Optimization / Dyssynchrony Evaluation. Clinical Echocardiography Review: A Self-Assessment Tool. Editor: Klein, Allan L. Lippincott Williams & Wilkins 530 Walnut St., 7th Floor West. Philadelphia, PA 19106. © 2011
 4. Libro Blanco de la Sección de Imagen Cardíaca Ecocardiografía, Resonancia Magnética, Tomografía Computarizada y Medicina Nuclear. Chapter 2.1.3. Doppler tisular. Edited by Río J. Aguilar Torres y J.Carlos Paré Bardera. SEC Publications © 2011
 5. Percutaneous Interventional Cardiovascular Medicine The PCR-EAPCI Textbook 2nd Edition. Chapter Non-invasive imaging for structural heart disease. Edited by William Wijns, Patrick W. Serruys, Alec Vahanian, Eric Eeckhout, Rodney De Palma, Marc van Sambeek. © 2012
 6. Substrate Assessment: Echocardiography, MRI, and CCT. A. Auricchio et al. (eds.), *Cardiac Imaging in Electrophysiology*. 2012 Springer-Verlag London Limited.
 7. Towards Non-invasive Mapping and Imaging of Cardiac Arrhythmias. *Cardiac Mapping*, 4th Edition. Edited by Mohammad Shenasa, Gerhard Hindricks, Martin Borggrefe, Günter Breithardt, and Mark E. Josephson. © 2012 Blackwell Publishing Ltd.
 8. Nuclear Imaging to Assess Infarction, Reperfusion, No-Reflow, and Viability. J.C. Kaski et al. (eds.), *Management of Myocardial Reperfusion Injury*. © Springer-Verlag London 2012
 9. 3D Echocardiography, 2nd Edition. Chapter 17 3D Echocardiography in Cardiac Resynchronization Therapy. Edited by Takahiro Shiota. © 2013 Informa Healthcare Books.
 10. AV Optimization / Dyssynchrony Evaluation. Clinical Echocardiography Review: A Self-Assessment Tool 2nd Edition. Editor: Klein, Allan L.; Asher, Craig R. Lippincott Williams & Wilkins 530 Walnut St., 7th Floor West. Philadelphia, PA 19106 © 2017
 11. 3D Echocardiography, 3rd Edition. Chapter 20 Atrial Fibrillation. Edited by Takahiro Shiota. © 2020 Taylor&Francis group.
 12. Cardiac CT 2nd Edition. Chapter 18 Pulmonic Valve Implantation, Mitral Valve Repair, and Left Atrial Appendage Closure. Edited by Marc Dewey. © 2014 Springer.
 13. The Practice of Clinical Echocardiography, 5th Edition. Chapter 14 Nonexercise Stress Echocardiography for Diagnosis of Coronary Artery Disease. Edited by Catherine Otto. © 2016 Elsevier.
 14. The ESC Textbook of Cardiovascular Medicine Third edition. Section 12 CT for Cardiac Morphology, Function, and Valve Disease. Thomas F. Lüscher, A. John Camm, Gerald Maurer, Patrick W. Serruys. © 2018 Oxford University Press
 15. The ESC Textbook of Cardiovascular Medicine Third edition. Chapter 15.1 Choice of imaging techniques CT. Thomas F. Lüscher, A. John Camm, Gerald Maurer, Patrick W. Serruys. © 2018 Oxford University Press
 16. The ESC Textbook of Cardiovascular Medicine Third edition. Chapter 21.4 Cardiovascular imaging in chronic kidney disease CT for Cardiac Morphology, Function, and Valve Disease. Thomas F. Lüscher, A. John Camm, Gerald Maurer, Patrick W. Serruys. © 2018 Oxford University Press
 17. Cardiac Mapping 5th Edition. Chapter Towards Non-invasive Mapping and Imaging of Cardiac Arrhythmias. Edited by Mohammad Shenasa, Gerhard Hindricks, David J.

- Callans MD, John M. Miller MD, and Mark E. Josephson. © 2019 John Wiley & Sons Ltd
18. The ESC Textbook of Cardiovascular Imaging 3rd Edition. Chapter 39. Cardiac resynchronization therapy: Selection of candidates. Edited by Jose Luis Zamorano, Jeroen Bax, Udo Sechtem, Patrizio Lancellotti, and Bogdan A Popescu. © 2020. Oxford University Press. In press.
 19. The ESC Textbook of Cardiovascular Imaging 3rd Edition. Chapter 23. Transcatheter aortic valve implantation. Edited by Jose Luis Zamorano, Jeroen Bax, Udo Sechtem, Patrizio Lancellotti, and Bogdan A Popescu. © 2020. Oxford University Press. In press.
 20. The Practice of Clinical Echocardiography, 6th Edition. Chapter 20 Nonexercise Stress Echocardiography for Diagnosis of Coronary Artery Disease. Edited by Catherine Otto. © 2021 Elsevier. In press
 21. ASE's Comprehensive Echocardiography. 3rd Edition. Chapter 101. Tricuspid Valve Complex: Anatomy by 2D and 3D Echocardiography. Edited by Roberto Lang and Victor Mor-Avi. © 2021 Elsevier. In press
 22. Multimodality Imaging Innovations In Adult Congenital Heart Disease: Emerging Technologies and Novel Applications. Chapter 18 Imaging for structural interventional planning. Edited by Pastora Gallego and Israel Valverde. Springer. In press.

F) Prizes and grants:

- Grant from the Spanish Government, Fondo de Investigaciones Sanitarias F.I.S. 1-2005-FS-050244. Contribution of Vascular Stem-cells in the Mechanisms of Repair and Remodeling of Pulmonary Circulation in Chronic Obstructive Pulmonary Disease. 2005. Co-investigator.
- Grant from the Spanish Society of Cardiology for Basic and Clinical Research in Cardiology 2005. New prognostic markers of left ventricular remodeling and mitral regurgitation after ST-segment elevation acute myocardial infarction: role of new imaging techniques and new inflammation biomarkers. Co-investigator.
- Personal Grant from Fundació Clinic, Barcelona, Spain, *Final Residency Award 2005*. New prognostic markers of left ventricular remodeling and mitral regurgitation after ST-segment elevation acute myocardial infarction: role of new imaging techniques and new inflammation biomarkers.
- Post-Residency Grant from the Spanish Society of Cardiology 2006. Role of Imaging Techniques in Selection and Follow-up of Patients with Congestive Heart Failure Candidates for Resynchronization Therapy. Project to be performed at Leiden University Medical Center, Leiden, The Netherlands.
- Grant from the Catalan Government (BE-2 2006), for research in foreign countries. Resynchronization Therapy: Role of Imaging Techniques in Selection and Follow-up of Patients with Congestive Heart Failure. Project to be performed at Leiden University Medical Center, Leiden, The Netherlands.
- 2007: Research grant for formación de estudios de Posgrado en Universidades y Centros Superiores de Investigación en el extranjero de la Fundación Caja Madrid .
- 2007: Prize LACER de l'Acadèmia de Ciències Mèdiques i de la Salut de Catalunya i Balears i la Societat Catalana de Cardiologia to the best communications of the XVIII Congrés de la Societat Catalana de Cardiologia 2006 a la comunicació: Quantificació de l'asincronia mecànica intraventricular amb Ecocardiografia tridimensional en temps real.
- 2008: Research grant from the European Society of Cardiology. Project: Two-dimensional Strain Imaging to Assess Left Ventricular Dyssynchrony and Function:

Clinical Implications in Selection of Candidates for Cardiac Resynchronization Therapy.: Victoria Delgado.

- 2014- Simon Dack Award
- Elite Reviewer for European Heart Journal 2015
- Elite Reviewer for European Heart Journal of Cardiovascular Imaging 2016
- Elite Reviewer for Radiology 2018
- Prize I. Edler. Sociedad Española de Imagen Cardiaca 2018
- Grant from the European Society of Cardiology: MBA Women Transforming Leadership Oxford University
- Elite Reviewer for European Heart Journal 2019
- Best Reviewer for Circulation Cardiovascular Imaging 2020

G) Scientific Societies:

- Member of the Catalan Society of Cardiology and the Academy of Medical Sciences of Catalonia from 1999.
- Member of the Spanish Society of Cardiology from 1999.
- Member of the Dutch Society of Cardiology from 2011.
- Task Force member on cardiac pacing and resynchronization therapy of the European Society of Cardiology (ESC) guidelines 2013
- Task Force member of Dyslipidaemia guidelines of the European Society of Cardiology (ESC) 2019
- Task Force member of Diabetes guidelines of the European Society of Cardiology (ESC) 2019
- Member of the Clinical Practice Guidelines committee of the European Society of Cardiology (ESC) 2016-2020
- Member of the oversight committee of the Euroobservational Research Programme of the European Society of Cardiology (ESC) 2016-2018
- Board member of the European Association of Cardiovascular Imaging since 2014-2018
- Board member of the European Society of Cardiology 2020-2022

H) Supervision of PhD thesis (as co-supervisor):

- 2020: Multimodality imaging in the characterization and risk-stratification of cardiac disease and CRT recipients. Pieter van der Bijl
- 2020: Cardiac computed tomography for valvular heart disease and non-coronary percutaneous interventions. Philippe J van Rosendael
- 2020: Diagnosis and management of left valvular heart disease with advanced echocardiography and cardiac computed tomography. Vasileios Kamperidis
- 2017: Imaging techniques in aortic valve and root surgery. Madelien V. Regeer
- 2016: Aortic valve disease : novel imaging insights from diagnosis to therapy. See Hooi Ewe
- 2016: Advanced echocardiography and clinical surrogates to risk stratify and manage patients with structural heart disease. Philippe JMR Debonnarie
- 2016: Right ventricular function assessment in cardiopulmonary disease. Marlieke LA Haeck
- 2016: Deformation imaging and three-dimensional echocardiography : implications on clinical management of patients with ischemic heart disease. Georgette E Hoogslag
- 2015: Myocardial mechanics through the spectrum of cardiac dysfunction : pathophysiological insights into subclinical myocardial function, ventricular remodeling, ischemia and viability. Emer Joyce
- 2014: Outcomes of transcatheter aortic valve implantation. Spyridon Katsanos

- 2014: Advanced cardiac imaging in heart failure : from subclinical myocardial dysfunction to therapy optimization. Dominique Auger
- 2013: Evolving imaging techniques for the assessment of cardiac structure and function and their potential clinical applications. Miriam Shanks

I) Other scientific activities:

- Member of the scientific committee for the Congress of the Cardiovascular Diseases of the Spanish Society of Cardiology (2007-2009).
- Editorial Board of Journal of American Society of Echocardiography, 2011
- Editorial Board of the European Heart Journal of Cardiovascular Imaging, 2012
- Editorial Board of European Heart Journal, 2014-2015
- Editorial Board of Heart, 2014
- Editorial Board of Circulation Cardiovascular Imaging, 2013
- Editorial Board of JACC Cardiovascular Imaging, 2015
- Reviewer of The American Journal of Cardiology, 2008
- Reviewer of the European Heart Journal, 2008-2015
- Reviewer of Europace, 2010
- Reviewer of the Journal of the American College of Cardiology, 2008
- Reviewer of the Journal JACC Cardiovascular Imaging, 2009
- Reviewer of the Heart and Vessels, 2008
- Reviewer of Circulation, 2009
- Reviewer of The Journal of cardiovascular CT, 2010.
- Author contributor of UpToDate with the review article entitled;
- Associate Editor of Circulation since 2015 to date
- Associate Editor of the Journal of American Society of Cardiology since 2016 to date
- Panellist of FRS-FNRS grants, 2016 to date
- Panellist of La Caixa grants, 2019 to date
- Panellist of Dutch heart Foundation grants, 2017
- Panellist of Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) grants, 2018