

Antonio Esposito

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Experimental Imaging Center
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Nationality: Italian

Date of birth: 18th August 1978

Gender: Male



Work Experiences

- 1st March 2022 – today Scientific Director of Clinical Trial Center
IRCCS Ospedale San Raffaele
<https://research.hsr.it/en/clinical-trial-center/index.html>
- 1st January 2022 – today Deputy Scientific Director IRCCS
IRCCS Ospedale San Raffaele
<https://research.hsr.it/en/research-hospital/intro.html>
- 1st October 2021 – today Full Professor of Radiology
Vita-Salute San Raffaele University, Milan, Italy
<https://www.unisr.it/docenti/e/esposito-antonio>
- 1st January 2022 – today Director of the Strategic Programme Cardiovascular Radiology and Preventive
Imaging
IRCCS Ospedale San Raffaele
- 2017 – 2021 Associate Professor of Radiology
Vita-Salute San Raffaele University, Milan, Italy
- 2014 – today Responsible of Cardiovascular Imaging Functional Unit
IRCCS Ospedale San Raffaele, Milan, Italy
- 2011 – 2017 Deputy-Director of the Experimental Imaging Center and Responsible of
the Preclinical Imaging Facility
IRCCS Ospedale San Raffaele, Milan, Italy
<https://research.hsr.it/en/centers/experimental-imaging-center.html>
- 2010 – 2011 Researcher (RTDA) in Radiology
Vita-Salute San Raffaele University, Milan, Italy
- 2007 – 2010 Institutional Researcher (post-doc)
Fondazione Centro San Raffaele del Monte Tabor, Milan, Italy



Education and training

2003 – 2007 Specialization Degree in Radiology (summa cum Laude)
Vita-Salute San Raffaele University, Milan, Italy

1997 – 2003 MD degree (summa cum Laude)
Vita-Salute San Raffaele University, Milan, Italy

Title of qualification awarded

- 2021: Re-elected President of the Italian College of Cardiac Radiology by SIRM (Italian Society of Medical Radiology)
- 2019: elected President of the Italian College of Cardiac Radiology by SIRM (Italian Society of Medical Radiology)
- 2017 - 2020: Board member of the Scientific Committee of European Society of Cardiac Radiology (ESCR).
- 2017: National Scientific Qualification (ASN) of the Italian Ministry of Instruction, University and Research (MIUR) to function as Full Professor of Radiology.
- 2014 - 2016: elected as Board Member of the Italian College of Cardiac Radiology by SIRM (Italian Society of Medical Radiology)
- 2014: National Scientific Qualification (ASN) of the Italian Ministry of Instruction, University and Research (MIUR) to function as Associate Professor of Radiology.
- 2005: Best scientific presentation at the National Meeting of Thoracic and Cardiac Imaging of the Italian Society of Medical Radiology



Principal subjects

He has long time experience in the field of body application of advanced imaging with MRI and CT, with a particular focus on cardiovascular and oncological applications. He developed an intensive clinical and preclinical research on these issues, with more than two hundred and fifty manuscripts published in peer-reviewed journals.

He is the Responsible of the Functional Unit of Cardiovascular Imaging of IRCCS San Raffaele Hospital since 2017, a radiological service providing more than 1 thousand cardiovascular MRI study and more than 4 thousand cardiovascular CT examination per year.

He leads the Preclinical Imaging Facility of the same hospital, a service and research facility equipped with high resolution CT, MRI (7T), Optical, US and Photoacoustic imaging technologies dedicated to the experimental study of small animal models of diseases.

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level (*)

**English
Language**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B1	B2	C1

(*) [Common European Framework of Reference for Languages](#)



UniSR
Università Vita-Salute
San Raffaele



**I.R.C.C.S. Ospedale
San Raffaele**
Gruppo San Donato

Editorial activity

Reviewer for:

- *JACC: Cardiovascular Imaging*
- *European Radiology*
- *European Heart Journal*
- *Journal of Cardiovascular Magnetic Resonance*
- *La Radiologia Medica*
- *European Radiology Experimental*
- *International Journal of Cardiology*
- *The International Journal of Cardiovascular imaging*
- *European Journal of Radiology*
- *Molecular Imaging and Biology*
- *Acta Diabetologica*



Scientific Production

Total number of publications in peer-review journals: 264

Total number of citations: 9040

H index (Scopus): 42

5 Selected Publications

1. Vignale D, Palmisano A, Gnasso C, Margonato D, Romagnolo D, Barbieri S, Ingallina G, Stella S, Ancona MB, Montorfano M, Maisano F, Agricola E, **Esposito A**.
Extracellular volume fraction (ECV) derived from pre-operative computed tomography predicts prognosis in patients undergoing transcatheter aortic valve implantation (TAVI). *Eur Heart J Cardiovasc Imaging*. 2023 Jun 21;24(7):887-896. doi: 10.1093/ehjci/jead040. PMID: 36916015; PMCID: PMC10284054.
2. *Palmisano A, Vignale D, Tadic M, Moroni F, De Stefano D, Gatti M, Boccia E, Faletti R, Oppizzi M, Peretto G, Slavich M, Sala S, Montorfano M, Agricola E, Margonato A, De Cobelli F, Gentile F, Robella M, Cortese G, **Esposito A**.*
Myocardial Late Contrast Enhancement CT in Troponin-Positive Acute Chest Pain Syndrome.
Radiology. 2022 Mar;302(3):545-553. doi: 10.1148/radiol.211288. Epub 2021 Dec 7. PMID: 34874200.
3. **Esposito A**, Palmisano A, Toselli M, Vignale D, Cereda A, Rancoita PMV, Leone R, Nicoletti V, Gnasso C, Monello A, Biagi A, Turchio P, Landoni G, Gallone G, Monti G, Casella G, Iannopolo G, Nannini T, Patelli G, Di Mare L, Loffi M, Sergio P, Ippolito D, Sironi S, Pontone G, Andreini D, Mancini EM, Di Serio C, De Cobelli F, Ciceri F, Zangrillo A, Colombo A, Tacchetti C, Giannini F.
Chest CT-derived pulmonary artery enlargement at the admission predicts overall survival in COVID-19 patients: insight from 1461 consecutive patients in Italy.
Eur Radiol. 2021 Jun;31(6):4031-4041. doi: 10.1007/s00330-020-07622-x. Epub 2020 Dec 23. PMID: 33355697; PMCID: PMC7755582.



4. *Palmisano A, Benedetti G, Faletti R, Rancoita PMV, Gatti M, Peretto G, Sala S, Boccia E, Francone M, Galea N, Basso C, Del Maschio A, De Cobelli F, **Esposito A**.
Early T1 Myocardial MRI Mapping: Value in Detecting Myocardial Hyperemia in Acute Myocarditis.
Radiology. 2020 May;295(2):316-325.
doi: 10.1148/radiol.2020191623. Epub 2020 Mar 10. PMID: 32154772.*

5. ***Esposito A**, Palmisano A, Antunes S, Maccabelli G, Colantoni C, Rancoita PMV, Baratto F, Di Serio C, Rizzo G, De Cobelli F, Della Bella P, Del Maschio A.
Cardiac CT With Delayed Enhancement in the Characterization of Ventricular Tachycardia Structural Substrate: Relationship Between CT-Segmented Scar and Electro-Anatomic Mapping.
JACC Cardiovasc Imaging. 2016 Jul;9(7):822-832. doi: 10.1016/j.jcmg.2015.10.024. Epub 2016 Feb 17. PMID: 26897692.*

According to art. 13 of the law 2016/679 of the Regulation of the European Parliament of 27th April 2016 (GDPR), and to D.lgs 196/2003, I hereby express my consent to process and use my data provided in this CV.

Milan, 25th, March 2024

Prof. Antonio Esposito
SPSMTN78M18A048K