SCOPERSONAL INFORMATION

Name: Casà Calogero

E-mail: calogero.casa@fbf-isola.it

Place and Date of Birth: 05/12/1990, Palermo

INTERNATIONAL AWARDS AND BIBLIOGRAPHICAL METRICS

• International Award (September 2019)	ASTRO Resident Recognition Award Winner - American Society for Radiation Oncology
• International Award (May 2021)	Best oral communication prize (2nd author) - Sociedad Española de Radiología Médica
Scopus metrics (Last update in June 2025)	Documents: 56 Citations: 1135 H-Index: 19

PROFESSIONAL EXPERIENCE

• From June 2023	National scientific qualification for Associate Professor – Sector 06/I1 Ministero dell'Università e Ricerca
• From July 2022	Radiation Oncologist – Ospedale Fatebenefratelli - Gemelli Isola Tiberina
• From November 2022	PhD Student – Università Cattolica del Sacro Cuore
• From November 2020 to June 2022	Radiation Oncologist – Fondazione Policlinico Universitario A. Gemelli IRCCS
• November – December 2018	Participation in an international exchange programme "PIONEERS" (Pakistan Italy, Oncology Network ExpeRiencES Project)
• From September 2015 until September 2016	University Tutor for Nursing and Physiotherapy students - Facoltà di Medicina e Chirurgia "A. Gemelli"; Corsi di Laurea in Infermieristica e di Fisioterapia Università Cattolica del Sacro Cuore – Sede di Roma
• From November 2019 to July 2022	Member of the National Presidency Board of the Italian Young Medical Doctors Society (SIGM) – Segretariato Italiano Giovani Medici Coordinator of Digital Health Task Force of SIGM
• From May 2018 until November 2019	National Coordinator of Residents Department of SIGM; subsequently Deputy President of SIGM. Member of Executive Board of SIGM
• From November 2015 until May 2018	Member of the National Committee of SIGM
• From May 2017 until May 2019	Resident representative in Radiation Oncology Residency Board Università Cattolica del Sacro Cuore
• From May 2011 until May 2015	Student representative in the Board of Directors EDUCatt, in "Medicina e Chirurgia" Faculty Council and in the Joint Committee Università Cattolica del Sacro Cuore

EDUCATION AND TRAINING

• 21st February 2022	Master of Science in Interventional Oncology Thesis in Digital Health in Interventional Oncology Università Cattolica del Sacro Cuore – Sede di Roma
• 29th October 2020	Specialist in Radiation Oncology Experimental thesis in Delta Radiomics in MRIgRT for Pancreatic Cancer Votation: 50 cum laude / 50 Università Cattolica del Sacro Cuore – Sede di Roma
• 4th February 2016	Authorisation to practice Votation: 270/270 Università Cattolica del Sacro Cuore – Sede di Roma
• 21st October 2015	Degree in Medicine and Surgery Votation: 110 cum laude/110 Experimental thesis in Radiation Oncology: Radiomics for Rectal Cancer Università Cattolica del Sacro Cuore – Sede di Roma
• 14th July 2009	Student in Scientific High School Votation 100 cum laude/100 Liceo Scientifico Statale "Leonardo" di Agrigento

ACADEMIC AND RESEARCH ACTIVITIES, INVITED LECTURES

Scientific Coordinator of VALIDATE Project - Value-bAsed Learning for Innovation, Digital-health, Artificial inTelligencE (from November 2019)

Member of the Scientific Secretariat of 32st Modern Radiation Oncology (MRO) Residential Course 2022 "Multidisciplinarity in the era of OMICS and AI guided oncology" (endorsed by: ESTRO, AIRO, AIFM, AITRO, EFOMP) 17-19.10.2022
Università Cattolica del Sacro Cuore – Fondazione Policlinico Universitario A. Gemelli IRCCS

Lecture at National AIRO Congress "Radioterapia di precisione per un'oncologia innovativa e sostenibile" - 25-27.11.22 Bologna
Associazione Italiana di Radioterapia e Oncologia Clinica

Lecture "Digital Health and Clinical Research" in the course "Multicenter studies: ethical, legal, business, organizational aspects" of the Master "Big Data and Value Generation in Biomedical Research" – 17.06.2022
Università Cattolica del Sacro Cuore

Lecture "OS and the new contexts of care: caring and beauty" in the course "The Health Care Worker (OS) In New Healthcare Settings" of the Master "Culture and Health Ministry: for the Humanization of Care" – 11.03.2022
Pontificia Università Lateranense – Università Cattolica del Sacro Cuore

Lecture "Clinical cases" in the course "MIOLive 2022" – 24-25.01.2022
Università Cattolica del Sacro Cuore – Fondazione Policlinico Universitario A. Gemelli IRCCS

Lecture "PROM, PREM, App and IOT" in the 31st residential course "MRO.ART Innovative treatments and patients compliance" 22-23.11.2021
Università Cattolica del Sacro Cuore – Fondazione Policlinico Universitario A. Gemelli IRCCS

Lecture "The value of multiprofessionalism in the quality assurance process of eye treatment" in the congress "AITRO 25 anni di storia & professione" – 25.09.2021

Associazione Italiana Tecnici di Radioterapia Oncologica e Fisica Sanitaria

Discussant of the session “Digital Transformation” in the XIII National SIMM Congress “The SIMMitation Game – The Action” – 24.09.2021
Società Italiana di Leadership e Management in Medicina

Moderator of the session “La responsabilità del Medico Specializzando – Profili di rilievo penale, civile e assicurativo” – 24.01.2020 – Università Cattolica del Sacro Cuore – Roma

Lecture “Programmazione della formazione medica post-lauream” and “Progetto di ricerca nazionale "Digital Health" del SIGM”, III conferenza nazionale dei Giovani Medici 02-03.03.19, Società Italiana Giovani Medici

Local Organizer 10° Rome Intern-Meeting (rome Interventional Oncology Meeting – Endosed by AIRO) 03-04.12.19 Università Cattolica del Sacro Cuore – Fondazione Policlinico U. Agostino Gemelli IRCCS

Lecture “Consensus Conference Results” at the 9° Rome Inter-Meeting (Rome Interventional oncology Meeting) (endorsed by AIRO) 19-20 Ottobre 2018, Università Cattolica del Sacro Cuore, Fondazione Policlinico Universitario A. Gemelli IRCCS.

Lecture “Clinical cases” in the course “MIOLive 2017” – 30-31.01.2017
Università Cattolica del Sacro Cuore – Fondazione Policlinico Universitario A. Gemelli IRCCS

Member of Scientific Committee of the 1st edition of “Innovazione e-Salute” Journal – AiSDeT Associazione italiana di Sanità Digitale e Telemedicina

Member of Reviewer Board of Technology in Cancer Research and Treatment

Peer-reviewer of several Scopus-indexed Scientific Journal such as: Cancers, Diagnostics, Technology in Cancer Research and Treatment, World Journal of Gastrointestinal Oncology, World Journal of Clinical Cases, World Journal of Gastroenterology, Artificial Intelligence in Cancer, Scientific Report, Radiotherapy and Oncology, Plos One, European Journal of aRadiology etc.

SCIENTIFIC PUBLICATIONS

Casà C, Portik D, Abbasi AN, Miccichè F. Radiomics in early detection of bilio-pancreatic lesions: A narrative review. Best Pract Res Clin Gastroenterol. 2025 Feb;74:101997. doi: 10.1016/j.bpg.2025.101997. Epub 2025 Feb 26. PMID: 40210337.

Tagliaferri L, Fionda B, Casà C, Cornacchione P, Scalise S, Chiesa S, Marconi E, Dinapoli L, Di Capua B, Chieffo DPR, Marazzi F, Frascino V, Colloca GF, Valentini V, Miccichè F, Gambacorta MA. Allies not enemies-creating a more empathetic and uplifting patient experience through technology and art. Strahlenther Onkol. 2025 Mar;201(3):316-332. doi: 10.1007/s00066-024-02279-7. Epub 2024 Sep 11. PMID: 39259348; PMCID: PMC11839861.

Ahmed Y, Khan AMH, Casa C, Abbasi AN. Further insights into MARS 2. Lancet Respir Med. 2024 Sep;12(9):e53. doi: 10.1016/S2213-2600(24)00252-2. PMID: 39214642.

Gastric cancer; Cellini, F., Casà, C., D'Aviero, A., Valentini, V. Target Volume Definition in Radiation Oncology, 2024, pp. 177–188. Book Chapter; ISBN 978-303145489-9, 978-303145488-2; DOI: 10.1007/978-3-031-45489-9_8

Marazzi F, Masiello V, Orlandi A, Moschella F, Chiesa S, Di Leone A, Garufi G, Mazzarella C, Sanchez AM, Casa C, Bucaro A, De Lauretis F, Borghesan N, Tagliaferri L, Franceschini G, Bria E, Masetti R, Fabi A, Aristei C, Tortora G, Valentini V, Gambacorta MA. Outcomes of Radiotherapy in Oligoprogressive Breast Cancer. J Pers Med. 2024 Jul 29;14(8):805. doi: 10.3390/jpm14080805. PMID: 39201997; PMCID: PMC11355129.

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Casà, C., Marotta, C., Di Pumpo, M., Cozzolino, A., D'Aviero, A., Frisicale, E.M., Silenzi, A., Gabbrielli, F., Bertinato, L., Brusaferro, S. COVID-19 and digital competencies among young physicians: Are we (really) ready for the new era? A national survey of the Italian Young Medical Doctors Association (2021) Annali dell'Istituto Superiore di Sanita, 57 (1), pp. 1-6.

Casà C, Piras A, D'Aviero A, Preziosi F, Mariani S, Cusumano D, Romano A, Boskoski I, Lenkowicz J, Dinapoli N, Cellini F, Gambacorta MA, Valentini V, Mattiucci GC, Boldrini L. The impact of radiomics in diagnosis and staging of pancreatic cancer. Ther Adv Gastrointest Endosc. 2022 Mar 16;15:26317745221081596. doi: 10.1177/26317745221081596. PMID: 35342883; PMCID: PMC8943316.

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Tondolo V, Casà C, Rizzo G, Leone M, Quero G, Alfieri V, Boldrini L, Bulajic M, Corsi D, Micciché F. Management of Esophago-Gastric Junction Carcinoma: A Narrative Multidisciplinary Review. Cancers (Basel). 2023 May 3;15(9):2597. doi: 10.3390/cancers15092597. PMID: 37174063; PMCID: PMC10177387.

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 disciplinary Team Tumour Boards in Pakistan. J Coll Physicians Surg Pak. 2023 Mar;33(3):358-359. doi: 10.29271/jcpsp.2023.03.358. PMID: 36945171.

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2018 Journal Impact Factor: 1.963

Mazzucco W, Lanza G, Gaglio V, Albanese G, Amata O, Casà C, Ferorelli D et al. «Medical workforce planning in a changing health context: Comparison between Italy and Europe». EuroMediterranean Biomedical Journal 14, n. 1 (2019): 49–55. https://doi.org/10.3269/1970-5492.2019.14.11.

Tagliaferri, L., Kovács G, Aristei C, De Sanctis V, Barbera F, Morganti AG, Casà C et al. «Current state of interventional radiotherapy (brachytherapy) education in Italy: Results of the INTERACTS survey». Journal of Contemporary Brachytherapy 11, n. 1 (2019): 48–53. https://doi.org/10.5114/jcb.2019.83137.
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Boldrini L, Davide C, Giuditta C, Calogero C, Carlotta M, Lenkowicz J, Cellini F, et al. «Delta radiomics for rectal cancer response prediction with hybrid 0.35 T magnetic resonance-guided radiotherapy (MRgRT): a hypothesis-generating study for an innovative personalized medicine approach». La Radiologia Medica 124, n. 2 (2019): 145–53. https://doi.org/10.1007/s11547-018-0951-y.
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Cusumano D, Dinapoli N, Boldrini L, Chiloiro G, Gatta R, Masciocchi C, Lenkowicz J et al. «Fractal-Based Radiomic Approach to Predict Complete Pathological Response after Chemo-Radiotherapy in Rectal Cancer». La Radiologia Medica 123, n. 4 (aprile 2018): 286–95. https://doi.org/10.1007/s11547-017-0838-3.
2018 Journal Impact Factor 1.420

Dinapoli N, Barbaro B, Gatta T, Chiloiro G, Casà C, Masciocchi C, Damiani A et al. «Magnetic Resonance, Vendor-Independent, Intensity Histogram Analysis Predicting Pathologic Complete Response After Radiochemotherapy of Rectal Cancer». International Journal of Radiation Oncology, Biology, Physics 102, n. 4 (15 novembre 2018): 765–74. https://doi.org/10.1016/j.ijrobp.2018.04.065.
2018 Journal Impact Factor 6.203

Dinapoli N, Casà C, Barbaro B, Chiloiro G, Damiani A, Di Matteo M, Farchione A et al. «Radiomics for Rectal Cancer». Translational Cancer Research 5, n. 4 (20 giugno 2016): 424-431–431. https://doi.org/10.21037/8067.
2015 Journal Impact Factor: 1.757

Gatta R, Vallati M, Dinapoli N, Masciocchi C, Lenkowicz J, Cusumano D, Casá C et al. «Towards a Modular Decision Support System for Radiomics: A Case Study on Rectal Cancer». Artificial Intelligence in Medicine. Artif Intell Med. 2019 May;96:145-153. doi: 10.1016/j.artmed.2018.09.003. Epub 2018 Oct 4.
Latest (2018) Journal Impact Factor 3.574

Tagliaferri L, Garganese G, D'Aviero A, Lancellotta V, Fragomeni SM, Fionda B, Casà C et al. Multidisciplinary personalized approach in the management of vulvar cancer - the Vul.Can Team experience. Int J Gynecol Cancer. 2020 Jul;30(7):932-938. doi: 10.1136/ijgc-2020-001465. Epub 2020 May 30.
2019 Journal Impact Factor: 2.095

Gatta R, Vallati M, Lenkowicz J, Casà C, Cellini F, Damiani A, Valentini V. «A Framework for Event Log Generation and Knowledge Representation for Process Mining in Healthcare». In 30th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2018), 647–54. IEEE, 2018. https://doi.org/10.1109/ICTAI.2018.00103.

Tagliaferri, L., Casà C, Macchia G, Pesce A, Garganese G, Gui B, Perotti G et al. «The Role of Radiotherapy in Extramammary Paget Disease: A Systematic Review». International Journal of Gynecological Cancer: Official Journal of the International Gynecological Cancer Society 28, n. 4 (2018): 829–39. https://doi.org/10.1097/IGC.0000000000001237.
2018 Journal Impact Factor 1.746

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Dinapoli N, Valentini AL, Pesce A, Gatta R, Masciocchi C, Ninivaggi V, Gui B, Gambacorta MA, Autorino R, Campitelli M, Testa A, Chiloiro G, Lenkowicz J, Casà C, Scambia G, Bonomo L, Valentini V. OC-0317: MR radiomics and fractal dimension in cervical cancer predicting pathological complete response. Radiotherapy and Oncology. Vol 123 Page S164-S165 Elsevier 2017

Dinapoli N, van Soest J, Masciocchi C, Casà C, Lanni V, Damiani A, Gatta R, Barbaro B, Di Matteo M, Cellini F, Gambacorta MA, Dekker A, Lambin P, Valentini V. Radiomics in Magnetic Resonance Imaging for Prognosis in Patients With Rectal Cancer: An Independent External Validation. International Journal of Radiation Oncology, Biology, Physics. Vol 96 Num 2 Page E180-E181 2016

Masciocchi C, Cordelli E, Sicilia R, Dinapoli N, Damiani A, Barbaro B, Boldrini L, Casà C, Cusumano D, Chiloiro G, Gambacorta MA, Gatta R, Lenkowicz J, Van Soest J, Dekker A, Lambin P, Soda P, Iannello G, Valentini V. "PO-0799 An externally validated MRI radiomics model for predicting clinical response in rectal cancer." Radiotherapy and Oncology 127, S415-S415

Casà C, Chiloiro G, Lenkowicz J, Rodriguez Carnero P, Masciocchi C, Boldrini L, Barbaro B, Gambacorta MA, Cusumano D, Dinapoli N, Damiani A, Manfredi R, Valentini V. Delta Radiomics to Assess Tumor Behavior and Predict Distant Metastasis in Rectal Cancer. International Journal of Radiation Oncology• Biology• Physics 105 (1), S174

Chiloiro, G., Rodriguez-Carnero, P., Lenkowicz, J., Casà, C., Masciocchi, C., Boldrini, L., Cusumano, D., Dinapoli, N., Meldolesi, E., Carano, D., Damiani, A., Barbaro, B., Manfredi, R., Valentini, V., Gambacorta, M.A. Delta Radiomics Can Predict Distant Metastasis in Locally Advanced Rectal Cancer: The Challenge to Personalize the Cure (2020) Frontiers in Oncology, 10, art. no. 595012

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Latest (2018) Journal Impact Factor 2.044

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M., Intven, M., Valentini, V. A field strength independent MR radiomics model to predict pathological complete response in locally advanced rectal cancer (2021) Radiologia Medica, 126 (3), pp. 421-429

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Casà C, Chiloiro G, Lenkowicz J, Rodriguez Carnero P, Masciocchi C, Boldrini L, Barbaro B, Gambacorta MA, Cusumano D, Dinapoli N, Damiani A, Manfredi R, Valentini V. Delta Radiomics to Assess Tumor Behavior and Predict Distant Metastasis in Rectal Cancer. Oral Communication, in the Mini-Oral – Physics Session “Outcome Analysis and Modeling” at ASTRO 61 Congress, held in Chicago, Illinois, USA from 15 September – 18 September 2019

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Casà C, Co-Chair in “Radiotherapy in the rectal cancer journey” at the ESTRO 2024 Congress, held in Glasgow, UK from 7th May 2024

	Casà C, Co-Chair in "Lower GI – Mini-Orals" session at the ESTRO 2025 Congress, held in Wien, Austria, 3rd May 2025
CONGRESS AND WORKSHOP PARTICIPATION	- "Medico 2.0: verso una nuova generazione di studenti e docenti?" – Università Cattolica del Sacro Cuore sede di Roma; 17 Marzo 2012. - "Il futuro della formazione delle giovani generazioni di medici: confronto sulla Proposta di Riforma del percorso di formazione universitaria pre e post lauream in Medicina" – Università "Sapienza" di Roma; 9 Novembre 2011. - "Moderna Radioterapia, nuove tecnologie e ipofrazionamento della dose" – Università Cattolica del Sacro Cuore sede di Roma; 17-21 Marzo 2014. - ESTRO 37 Congress, Barcelona, Spain from 20-24 April 2018 - ESTRO 38 Congress, Milan, Italy from 26-30 April 2019 - ASTRO 61 Congress, Chicago, USA from from 15-18 September 2019 - ESTRO 2023 Congress, 12-16 May, Vienna - ESTRO 2024 Congress, 3-7 May, Glasgow - ESTRO 2025 Congress, 2-6 May, Vienna - AIRO XXIX Congresso Nazionale, Rimini, Italy, from 27-29 September 2019 - "Modern Radiotherapy, time issues and new drugs" – Università Cattolica del Sacro Cuore sede di Roma; 21-23 October 2019 - AIRO 2023 Congress, Bologna, 27-29 October 2023 - AIOCC 2023 Congress, Roma 29-30 September 2023 - ICHNO 2024 Congress, Barcelona 21-23 March 2024 - ESTRO - World Congress of Brachytherapy 06-08.05.2021 Online Congress - Local Organizer di diverse edizioni del Rome Inter-Meeting
FIRST LANGUAGE	Italian
OTHER LANGUAGES	English (Level B1 - PET)
• Reading • Writing • Oral Speaking	Good Good Good

Autorizzo il trattamento dei miei dati personali ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n°196 – "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 – "Regolamento europeo sulla protezione dei dati personali"

Rome, 24/06/2025