Radiologist

Education and Training

PhD "Innovative biomedical technologies in clinical medicine"
"Sapienza" University of Rome 2022 – 2025

Advanced Training Course "Clinical Research Methodology: From Idea to Results"
(Metodologia della Ricerca Clinica: dall'idea ai risultati)
Unitelma Sapienza, 2022 - 2023

Specialization course in Radiology
"Sapienza" University of Rome - 2017 - 2021
Thesis title: Preoperative staging in breast cancer: Intraindividual Comparison of Unenhanced MRI combined with Digital Breast Tomosynthesis and Dynamic Contrast Enhanced MRI
Final Evaluation: 70/70 cum laude

Graduated in Medicine and Surgery
"Sapienza" University of Rome - 2008 - 2016
Final Evaluation: 110/110

Fellowships and Scholarships

Breast Imaging Fellowship
Department of Biomedical Imaging and Image-guided Therapy
Medical University of Vienna / Vienna General Hospital September 2023 - December 2023
Awarded the ESOR Exchange Program for Breast Imaging Fellowships.

Scientific publications

Cryoablation for the treatment of breast cancer: immunological implications and future perspectives. Utopia or reality?
Galati F, et al. Radiol Med. 2024 Feb;129(2):222-228. doi: 10.1007/s11547-024-01769-z.

Could breast multiparametric MRI discriminate between pure ductal carcinoma in situ and microinvasive carcinoma?
Rizzo V, et al. Acta Radiol. 2024 Jun;65(6):565-574. doi: 10.1177/02841851231225807.

Diagnostic Performance of Contrast-Enhanced Digital Mammography versus Conventional Imaging in Women with Dense Breasts.
Moffa G et al. Diagnostics (Basel). 2023 Jul 28;13(15):2520. doi: 10.3390/diagnostics13152520.

Pregnancy-Associated Breast Cancer: A Diagnostic and Therapeutic Challenge. Diagnostics (Basel).
Galati F, et al. 2023 Feb 7;13(4):604. doi: 10.3390/diagnostics13040604.

Precision Medicine in Breast Cancer: Do MRI Biomarkers Identify Patients Who Truly Benefit from the Oncotype DX Recurrence Score® Test?
Galati F, et al. Diagnostics (Basel). 2022 Nov 8;12(11):2730. doi:10.3390/diagnostics12112730.

Do body composition parameters correlate with response to targeted therapy in ER+/HER2-metastatic breast cancer patients? Role of sarcopenia and obesity.
Kripa E, et al. Front Oncol. 2022 Sep 23;12:987012. doi: 10.3389/fonc.2022.987012.

MRI as a biomarker for breast cancer diagnosis and prognosis.
Galati F, et al. BJR Open. 2022 May 26;4(1):20220002. doi: 10.1259/bjro.20220002. PMID: 36105423; PMCID: PMC9459861.

Radiologic-pathologic correlation in breast cancer: do MRI biomarkers correlate with pathologic features and molecular subtypes?
Galati F, et al. Eur Radiol Exp. 2022 Aug 8;6(1):39. doi: 10.1186/s41747-022-00289-7.

Histomorphological and inflammatory changes of white adipose tissue in gastrointestinal cancer patients with and without cachexia.
Molfino A, et al. J Cachexia Sarcopenia Muscle. 2021 Dec 22. doi: 10.1002/jcsm.12893.

The link between nutritional status and outcomes in COVID-19 patients in ICU: Is obesity or sarcopenia the real problem?
Molfino A, et al. Eur J Intern Med. 2021 Jul 2;S0953-6205(21)00239-9.

Preoperative Staging in Breast Cancer: Intraindividual Comparison of Unenhanced MRI Combined With Digital Breast Tomosynthesis and Dynamic Contrast Enhanced-MRI.
Rizzo V, et al. Front Oncol. 2021 May 4;11:661945. doi: 10.3389/fonc.2021.661945.

Visceral adipose tissue area predicts intensive care unit admission in COVID-19 patients.
Pediconi F, et al. Obes Res Clin Pract. 2021 Jan-Feb;15(1):89-92.

Association between Growth Differentiation Factor-15 (GDF-15) Serum Levels, Anorexia and Low Muscle Mass among Cancer Patients.
Molfino A, et al. Cancers (Basel). 2020 Dec 31;13(1):99. doi:10.3390/cancers13010099.

Can MRI Biomarkers Predict Triple-Negative Breast Cancer?
Moffa G, et al. Diagnostics (Basel). 2020 Dec 15;10(12):1090.

Granular cell tumor of the breast: Tip and tricks on conventional and magnetic resonance imaging.
Moffa G, et al. Breast J. 2020 Dec 1. doi: 10.1111/tbj.14113.

Peritumoral edema as a biomarker of the aggressiveness of breast cancer: results of a retrospective study on a 3 T scanner.
Panzironi G, et al. Breast Cancer Res Treat. 2020 May;181(1):53-60.

Research project

Obesity and sarcopenia: could body composition analyses predict therapeutic response in Breast Cancer?
"Sapienza" University of Rome – 2022. Head of the project: Dr. Veronica Rizzo
To detect cryoimmunologic response induced by early breast cancer ultrasound-guided Cryoablation: evaluation of specific local and circulating markers.
"Sapienza" University of Rome – 2019. Head of the project: Prof. Catalano Carlo

Conferences and Presentations

Presented over 20 abstracts, posters, and lectures at national and international conferences, with the most notable including:

EUSOBI Annual Scientific Meeting 2023
Abstract: Obesity and sarcopenia in breast cancer prognosis: could body composition analysis predict therapeutic response in breast cancer?

European Congress of Radiology 2021
Abstracts:
- Relationship between obesity and Covid-19: could an abdominal CT scan predict disease severity?
- Preoperative staging in Breast Cancer: Contrast-Enhanced MRI VS Digital Breast Tomosynthesis (DBT) evaluated together with Unenhanced MRI (UE-MRI).

SIRM 2021- Il Medico Radiologo tra clinica e tecnologia
Lecture: "Risonanza magnetica mammaria senza mezzo di contrasto"
Abstract: "Correlazioni radiologico-patologiche nella valutazione del carcinoma duttale in situ."

Aarhus Workshop in Breast Surgery (AWBS)
Aarhus (Denmark), May 2019
Lecture: "DCIS: radiological aspects, including mammography screening, MRI, follow-up after treatment."

Awards and Honors

EUSOBI Young Researcher Grant, 2022
Awarded for the project "Obesity and sarcopenia in breast cancer prognosis: could body composition analysis predict therapeutic response in breast cancer?"

Reviewer for scientific journals
European radiology
Insight into imaging
Investigative radiology
European journal of radiology
Breast cancer research and treatment
Obesity research and clinical practice
La Radiologia Medica
Frontiers in oncology

Skills and linguistic competence
Native language: Italian
Other languages: English (B2)