

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL INFORMATION**

Name	<b>PECORARO MARTINA</b>
Address	-
Telephone	-
E-mail	-
Nationality	-
Date of birth	-

**WORK EXPERIENCE**

• Dates (from - to)	November 2018– October 2022
• Name and address of employer	Department of Radiological Science, Oncology and Pathology, Sapienza University - Policlinico Umberto I, Viale regina elena 324, Rome, Italy
• Type of business or sector	Public Health
• Occupation or position held	Radiology Resident

**RESEARCH EXPERIENCE**

• Dates (from - to)	2016– ongoing
• Name and address of employer	Department of Radiological Science, Oncology and Pathology, Sapienza University - Policlinico Umberto I, Viale regina elena 324, Rome, Italy
• Occupation or position held	Research Assistant

**EDUCATION AND TRAINING**

• Dates (from – to)	2022-Ongoing
• Name and type of organisation providing education and training	Sapienza University of Rome
• Principal subjects/occupational skills covered	Network Oncology and Precision Medicine
• Title of qualification awarded	PhD degree
	2011-2017
	Sapienza University of Rome
	International School of Medicine
	Degree in Medicine (M.D.- Medical Doctor)

**APPOINTMENTS**

- | <ul style="list-style-type: none"><li>• Dates (from – to)</li><li>• Covered position and name of the organization</li></ul> | <ul style="list-style-type: none"><li>-2022-ongoing: Member of the Research Committee of the European Society of Radiology (ESR)</li><li>-2022-ongoing: Member of the European Society of Urogenital Oncology (ESUR) Junior network, Representative of the KUB working group</li><li>-2020-ongoing: Member of the Radiology Trainees Forum (RTF) board of the European Society of Radiology (ESR)</li><li>-2020-ongoing: Junior Assessor of the European Training Assessment Program (ETAP), Scientific Committee of the European Board of Radiology (EBR)</li></ul> |
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**PERSONAL SKILLS  
AND COMPETENCES**

*Acquired in the course of life and career  
but not necessarily covered by formal  
certificates and diplomas.*

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

**ORGANISATIONAL SKILLS  
AND COMPETENCES**

*Coordination and administration of  
people, projects and budgets; at work, in  
voluntary work (for example culture and  
sports) and at home, etc.*

**TECHNICAL SKILLS  
AND COMPETENCES**

*With computers, specific kinds of  
equipment, machinery, etc.*

**ADDITIONAL INFORMATION**

**ANNEXES**

**SCIENTIFIC ACTIVITY  
& PRODUCTION**

Build collaborative relationships  
Critical thinking and strong work ethic  
Very motivated and hardworking, both individually or as part of a team

**ITALIAN**

**ENGLISH**

EXCELLENT

EXCELLENT

EXCELLENT

MANAGEMENT OF PATIENTS WITHIN MULTIDISCIPLINARY TEAMS  
WRITING OF RESEARCH PROJECTS

USE OF DIAGNOSTIC SOFTWARE (AI AND RADIOMICS)

CONFERENCES ATTENDED AS SPEAKER:

European Congress of Radiology (ECR), 2018-2019-2020-2021 (online)

Radiological Society of North America (RSNA), 2019-2021

European Congress of Radiology (ECR), 2018-2019

International Society for Magnetic Resonance in Medicine (ISMRM) – Italian Chapter, 2019

European Association of Urology (EAU), 2018

European Society of Urogenital Oncology (ESUR), 2017

Società Italiana di Urologia Oncologica (SIUrO), 2017

SCIENTIFIC ACTIVITY

SCIENTIFIC PUBLICATIONS

SCIENTIFIC AFFILIATIONS

AWARDS AND GRANTS

AREA OF RESEARCH:

- Magnetic Resonance Imaging (prostate gland and urinary bladder)
- Computed Tomography, single-slice and multi-slice spiral CT (kidneys, image postprocessing).
- Network Medicine in Prostate Cancer Research

Published articles: 32      Published Book Chapter: 1

H-index: 10 (Scopus)

## SCIENTIFIC PUBLICATIONS

- 1: Pecoraro M, Takeuchi M, Vargas HA, Muglia VF, Cipollari S, Catalano C, Panebianco V. Overview of VI-RADS in Bladder Cancer. *AJR Am J Roentgenol*. 2020 Jun;214(6):1259-1268. doi: 10.2214/AJR.20.22763. Epub 2020 Apr 14. PMID:32286874.
- 2: Caglic I, Panebianco V, Vargas HA, Bura V, Woo S, Pecoraro M, Cipollari S, Sala E, Barrett T. MRI of Bladder Cancer: Local and Nodal Staging. *J Magn Reson Imaging*. 2020 Sep;52(3):649-667. doi: 10.1002/jmri.27090. Epub 2020 Feb 29. PMID: 32112505.
- 3: Panebianco V, Pecoraro M, Del Giudice F, Takeuchi M, Muglia VF, Messina E, Cipollari S, Giannarini G, Catalano C, Narumi Y. VI-RADS for Bladder Cancer: Current Applications and Future Developments. *J Magn Reson Imaging*. 2022 Jan;55(1):23-36. doi: 10.1002/jmri.27361. Epub 2020 Sep 17. PMID: 32939939.
- 4: Messina E, Piscioti ML, Pecoraro M, Borrelli A, Del Giudice F, Panebianco V. The use of MRI in urothelial carcinoma. *Curr Opin Urol*. 2022 Sep 1;32(5):536-544. doi: 10.1097/MOU.0000000000001011. Epub 2022 Jul 15. PMID: 35849696.
- 5: Nicola R, Pecoraro M, Lucciola S, Dos Reis RB, Narumi Y, Panebianco V, Muglia VF. VI-RADS score system - A primer for urologists. *Int Braz J Urol*. 2022 Jul-Aug;48(4):609-622. doi: 10.1590/S1677-5538.IBJU.2021.0560. PMID: 35195385;PMCID: PMC9306377.
- 6: Pecoraro M, Messina E, Bicchetti M, Carnicelli G, Del Monte M, Iorio B, La Torre G, Catalano C, Panebianco V. The future direction of imaging in prostate cancer: MRI with or without contrast injection. *Andrology*. 2021 Sep;9(5):1429-1443. doi: 10.1111/andr.13041. Epub 2021 Jun 8. PMID: 33998173.
- 7: Panebianco V, Pecoraro M, Fiscon G, Paci P, Farina L, Catalano C. Prostate cancer screening research can benefit from network medicine: an emerging awareness. *NPJ Syst Biol Appl*. 2020 May 7;6(1):13. doi: 10.1038/s41540-020-0133-0. PMID: 32382028; PMCID: PMC7206063.
- 8: Cipollari S, Carnicelli G, Bicchetti M, Campa R, Pecoraro M, Panebianco V. Utilization of imaging for staging in bladder cancer: is there a role for MRI or PET-computed tomography? *Curr Opin Urol*. 2020 May;30(3):377-386. doi: 10.1097/MOU.0000000000000743. PMID: 32168196.
- 9: Pecoraro M, Cipollari S, Marchitelli L, Messina E, Del Monte M, Galea N, Ciardi MR, Francone M, Catalano C, Panebianco V. Cross-sectional analysis of follow-up chest MRI and chest CT scans in patients previously affected by COVID-19. *Radiol Med*. 2021 Oct;126(10):1273-1281. doi:10.1007/s11547-021-01390-4. Epub 2021 Jul 12. PMID: 34251585; PMCID: PMC8274263.
- 10: Panebianco V, Paci P, Pecoraro M, Conte F, Carnicelli G, Besharat ZM, Catanzaro G, Splendiani E, Sciarra A, Farina L, Catalano C, Ferretti E. Network Analysis Integrating microRNA Expression Profiling with MRI Biomarkers and Clinical Data for Prostate Cancer Early Detection: A Proof of Concept Study. *Biomedicines*. 2021 Oct 14;9(10):1470. doi: 10.3390/biomedicines9101470. PMID:34680592; PMCID: PMC8533640.
- 11: European Society of Radiology (ESR). Impact of COVID-19 on radiology education in Europe: a survey by the ESR Radiology Trainees Forum (RTF). *Insights Imaging*. 2021 Nov 9;12(1):165. doi: 10.1186/s13244-021-01113-3. PMID:34751827; PMCID: PMC8576794.
- 12: Campa R, Del Monte M, Barchetti G, Pecoraro M, Salvo V, Ceravolo I, Indino EL, Ciardi A, Catalano C, Panebianco V. Improvement of prostate cancer detection combining a computer-aided diagnostic system with TRUS-MRI targeted biopsy. *Abdom Radiol (NY)*. 2019 Jan;44(1):264-271. doi: 10.1007/s00261-018-1712-z. PMID:30054684.
- 13: Del Giudice F, Flammia RS, Pecoraro M, Moschini M, D'Andrea D, Messina E, Piscioti LM, De Berardinis E, Sciarra A, Panebianco V. The accuracy of Vesical Imaging-Reporting and Data System (VI-RADS): an updated comprehensive multi-institutional, multi-readers systematic review and meta-analysis from diagnostic evidence into future clinical recommendations. *World J Urol*. 2022 Jul;40(7):1617-1628. doi: 10.1007/s00345-022-03969-6. Epub 2022 Mar 16. PMID: 35294583; PMCID: PMC9237003.
- 14: Del Monte M, Leonardo C, Salvo V, Grompone MD, Pecoraro M, Stanzione A,

Campa R, Vullo F, Sciarra A, Catalano C, Panebianco V. Correction to: MRI/US fusion-guided biopsy: performing exclusively targeted biopsies for the early detection of prostate cancer. *Radiol Med*. 2018 Mar;123(3):235. doi: 10.1007/s11547-017-0852-5. Erratum for: *Radiol Med*. 2018 Mar;123(3):227-234. PMID: 29318440.

15: Pecoraro M, Panebianco V. Multiparametric Prostate MRI for Biochemical Failure in the Era of Targeted PET Radiotracers: Counterpoint-MRI Remains a Specific and Accessible Test for Targeted Management. *AJR Am J Roentgenol*. 2022 Jun 1. doi: 10.2214/AJR.22.28042. Epub ahead of print. PMID: 35642757.

16: Pecoraro M, Turkbey B, Purysko AS, Girometti R, Giannarini G, Villeirs G, Roberto M, Catalano C, Padhani AR, Barentsz JO, Panebianco V. Diagnostic Accuracy and Observer Agreement of the MRI Prostate Imaging for Recurrence Reporting Assessment Score. *Radiology*. 2022 Aug;304(2):342-350. doi: 10.1148/radiol.212252. Epub 2022 May 10. PMID: 35536130.

17: Cipollari S, Guarrasi V, Pecoraro M, Bicchetti M, Messina E, Farina L, Paci P, Catalano C, Panebianco V. Convolutional Neural Networks for Automated Classification of Prostate Multiparametric Magnetic Resonance Imaging Based on Image Quality. *J Magn Reson Imaging*. 2022 Feb;55(2):480-490. doi: 10.1002/jmri.27879. Epub 2021 Aug 9. PMID: 34374181; PMCID: PMC9291235.

18: da Silva MC, Pecoraro M, Pisciotto ML, Dehghanpour A, Forookhi A, Lucciola S, Bicchetti M, Messina E, Catalano C, Panebianco V. The learning curve in bladder MRI using VI-RADS assessment score during an interactive dedicated training program. *Eur Radiol*. 2022 Apr 2:1–10. doi: 10.1007/s00330-022-08766-8. Epub ahead of print. PMID: 35366122; PMCID: PMC8976109.

19: Girometti R, Giannarini G, Panebianco V, Maresca S, Cereser L, De Martino M, Pizzolitto S, Pecoraro M, Ficarra V, Zuiani C, Valotto C. Comparison of different thresholds of PSA density for risk stratification of PI-RADSv2.1 categories on prostate MRI. *Br J Radiol*. 2022 Mar 1;95(1131):20210886. doi: 10.1259/bjr.20210886. Epub 2021 Nov 11. PMID: 34762506; PMCID: PMC8978227.

20: Giganti F, Pecoraro M, Fierro D, Campa R, Del Giudice F, Punwani S, Kirkham A, Allen C, Emberton M, Catalano C, Moore CM, Panebianco V. DWI and PRECISE criteria in men on active surveillance for prostate cancer: A multicentre preliminary experience of different ADC calculations. *Magn Reson Imaging*. 2020 Apr;67:50-58. doi: 10.1016/j.mri.2019.12.007. Epub 2019 Dec 30. PMID: 31899283.

21: Giganti F, Pecoraro M, Stavrinos V, Stabile A, Cipollari S, Sciarra A, Kirkham A, Allen C, Punwani S, Emberton M, Catalano C, Moore CM, Panebianco V. Interobserver reproducibility of the PRECISE scoring system for prostate MRI on active surveillance: results from a two-centre pilot study. *Eur Radiol*. 2020 Apr;30(4):2082-2090. doi: 10.1007/s00330-019-06557-2. Epub 2019 Dec 16. PMID: 31844959; PMCID: PMC7062656.

22: Del Giudice F, Pecoraro M, Vargas HA, Cipollari S, De Berardinis E, Bicchetti M, Chung BI, Catalano C, Narumi Y, Catto JWF, Panebianco V. Systematic Review and Meta-Analysis of Vesical Imaging-Reporting and Data System (VI-RADS) Inter-Observer Reliability: An Added Value for Muscle Invasive Bladder Cancer Detection. *Cancers (Basel)*. 2020 Oct 15;12(10):2994. doi: 10.3390/cancers12102994. PMID: 33076505; PMCID: PMC7602537.

23: Del Giudice F, Leonardo C, Simone G, Pecoraro M, De Berardinis E, Cipollari S, Flammia S, Bicchetti M, Busetto GM, Chung BI, Gallucci M, Catalano C, Panebianco V. Preoperative detection of Vesical Imaging-Reporting and Data System (VI-RADS) score 5 reliably identifies extravesical extension of urothelial carcinoma of the urinary bladder and predicts significant delayed time to cystectomy: time to reconsider the need for primary deep transurethral resection of bladder tumour in cases of locally advanced disease? *BJU Int*. 2020 Nov;126(5):610-619. doi: 10.1111/bju.15188. Epub 2020 Aug 17. PMID: 32783347.

24: Hechler V, Rink M, Beyersdorff D, Beer M, Beer AJ, Panebianco V, Pecoraro M, Bolenz C, Salomon G. The role of the vesical imaging-reporting and data system (VI-RADS) for bladder cancer diagnostics-status quo. *Urologe A*. 2019 Dec;58(12):1443-1450. doi: 10.1007/s00120-019-01061-3.

25: Pecoraro M, Del Giudice F, Magliocca F, Simone G, Flammia S, Leonardo C,

Messina E, De Berardinis E, Cortesi E, Panebianco V. Vesical Imaging-Reporting and Data System (VI-RADS) for assessment of response to systemic therapy for bladder cancer: preliminary report. *Abdom Radiol (NY)*. 2022 Feb;47(2):763-770. doi: 10.1007/s00261-021-03365-5. Epub 2021 Dec 17. PMID: 34919160.

26: Del Giudice F, Barchetti G, De Berardinis E, Pecoraro M, Salvo V, Simone G, Sciarra A, Leonardo C, Gallucci M, Catalano C, Catto JWF, Panebianco V. Prospective Assessment of Vesical Imaging Reporting and Data System (VI-RADS) and Its Clinical Impact on the Management of High-risk Non-muscle-invasive Bladder Cancer Patients Candidate for Repeated Transurethral Resection. *Eur Urol*. 2020 Jan;77(1):101-109. doi:10.1016/j.eururo.2019.09.029. Epub 2019 Nov 5. PMID: 31699526.

27: Cipollari S, Pecoraro M, Forookhi A, Laschena L, Bicchetti M, Messina E, Lucciola S, Catalano C, Panebianco V. Biparametric prostate MRI: impact of a deep learning-based software and of quantitative ADC values on the inter-reader agreement of experienced and inexperienced readers. *Radiol Med*. 2022 Nov;127(11):1245-1253. doi: 10.1007/s11547-022-01555-9. Epub 2022 Sep 17. PMID:36114928; PMCID: PMC9587977.

28: Del Giudice F, van Uem S, Li S, Vilson FL, Sciarra A, Salciccia S, Busetto GM, Maggi M, Tiberia L, Viscuso P, Canale V, Panebianco V, Pecoraro M, Ferro M, Moschini M, Krajewski W, D'Andrea D, Cacciamani GE, Mari A, Soria F, Porpiglia F, Fiori C, Amparore D, Checcucci E, Autorino R, De Berardinis E, Chung BI. Contemporary Trends of Systemic Neoadjuvant and Adjuvant Intravesical Chemotherapy in Patients With Upper Tract Urothelial Carcinomas Undergoing Minimally Invasive or Open Radical Nephroureterectomy: Analysis of US Claims on Perioperative Outcomes and Health Care Costs. *Clin Genitourin Cancer*. 2022 Apr;20(2):198.e1-198.e9. doi: 10.1016/j.clgc.2021.11.016. Epub 2021 Dec 24. PMID: 35031226.

29: Del Monte M, Cipollari S, Del Giudice F, Pecoraro M, Bicchetti M, Messina E, Dehghanpour A, Ciardi A, Sciarra A, Catalano C, Panebianco V. MRI-directed biopsy for primary detection of prostate cancer in a population of 223 men: MRI In-Bore vs MRI-transrectal ultrasound fusion-targeted techniques. *Br J Radiol*. 2022 Mar 1;95(1131):20210528. doi: 10.1259/bjr.20210528. Epub 2021 Oct 5. PMID: 34609900; PMCID: PMC8978234.

30: Bicchetti M, Simone G, Giannarini G, Girometti R, Briganti A, Brunocilla E, Cardone G, De Cobelli F, Gaudio C, Del Giudice F, Flammia S, Leonardo C, Pecoraro M, Schiavina R, Catalano C, Panebianco V. A novel pathway to detect muscle-invasive bladder cancer based on integrated clinical features and VI-RADS score on MRI: results of a prospective multicenter study. *Radiol Med*. 2022 Aug;127(8):881-890. doi: 10.1007/s11547-022-01513-5. Epub 2022 Jun 28. PMID: 35763251; PMCID: PMC9349064.

31: Panebianco V, Valerio MC, Giuliani A, Pecoraro M, Ceravolo I, Barchetti G, Catalano C, Padhani AR. Clinical Utility of Multiparametric Magnetic Resonance Imaging as the First-line Tool for Men with High Clinical Suspicion of Prostate Cancer. *Eur Urol Oncol*. 2018 Aug;1(3):208-214. doi: 10.1016/j.euo.2018.03.008. Epub 2018 May 15. PMID: 31102623.

32. V. Panebianco, M. Pecoraro, C. Catalano. "The role of MRI in prostate cancer management: pushing the diagnostic frontier". *Hellenic Journal of Radiology* 2020 doi.org/10.36162/hjr.v5i4.405

**SCIENTIFIC AFFILIATIONS**

SOCIETÀ ITALIANA DI RADIOLOGIA MEDICA (SIRM)  
EUROPEAN SOCIETY OF RADIOLOGY (ESR)  
EUROPEAN SOCIETY OF UROGENITAL ONCOLOGY  
(ESUR)  
RADIOLOGICAL SOCIETY OF NORTH AMERICA (RSNA)

**AWARDS AND GRANTS**

2022- ECR 2022 – BEST GENITOURINARY RESEARCH PRESENTATION AWARD  
2021- SAPIENZA UNIVERSITY RESEARCH STARTING GRANT (RESEARCH PROJECT)  
2019- SAPIENZA UNIVERSITY RESEARCH STARTING GRANT (RESEARCH PROJECT)  
2017- ESUR, AWARD FOR BEST ORAL PRESENTATION, MEMBER SESSION  
2017- SIURO, AWARD FOR BEST POSTER  
2016- CIRSE, AWARD FOR BEST PERFORMANCE IN INTERNATIONAL STUDENT TEST