## PERSONAL INFORMATION

# GIULIA CORRAO

giulia.corrao@istitutotumori.mi.it

## POSITION

**Medical Doctor, Radiation Oncologist**

## WORK EXPERIENCE

November 2024- Today

**Medical Oncologist**
Thoracic Oncology Unit, Medical Oncology Department 1
Fondazione IRCCS Istituto Nazionale Tumori, Via Giacomo Venezian 1, 20133, Milan (MI), Italy

February 2022- September 2024

**Radiation Oncologist**
Division of Radiation Oncology – European Institute of Oncology, IEO, IRCCS
Via Giuseppe Ripamonti 435, 20141, Milan (MI), Italy

December 2017- January 2022

**Resident Medical Doctor**
European Institute of Oncology, IEO, IRCCS, Via Giuseppe Ripamonti 435, 20141, Milan (MI), Italy
Università degli Studi di Milano, Via Festa del Perdono 7, 20122, Milan (MI), Italy

December 2016- December 2017

**Scholarship in Thoracic Medical Oncology**
Thoracic Oncology Unit, Medical Oncology Department 1
Fondazione IRCCS Istituto Nazionale Tumori, Via Giacomo Venezian 1, 20133, Milan (MI), Italy

## EDUCATION AND TRAINING

December 2017- December 2021

**Radiation Oncologist Resident**
Università degli Studi di Milano, Via Festa del Perdono 7, 20122, Milano (MI)
Division of Radiation Oncology – European Institute of Oncology, IEO, IRCCS
Via Giuseppe Ripamonti 435, 20141, Milan (MI), Italy

Directed by Dr Prof Barbara Alicja Jereczek-Fossa

Radiation Oncology Department
Taking Anamnesis, Physical examination, Diagnosis and Differential Diagnosis, Treatment plan, Commenting on laboratory result.
Collecting data, statistical analysis, experiments, clinical examination of patients. Taking part in several translational and clinical research projects

July 2016–Present

**Medical Doctor fully licensed**
U Medical Association of Torino - Corso Francia 8, 10143 , Torino, Italy
Medical licence number 23780
Member of Ordine dei Medici e dei Chirurghi di Torino, Italy

**Degree in Medicine and Surgery**
Università degli Studi di Torino, Orbassano, S. Luigi Hospital, Italy

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September 2008- March 2016

Vote: 110/110 cum laude
Graduation thesis: "Valore prognostico dell'espressione di PD-L1 in associazione alla mutazione di KRAS in pazienti affetti da tumore del polmone non a piccole cellule (NSCLC) metastatico"

## PERSONAL SKILLS

Mother tongue: Italian

Other language

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|---|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B2 | B2 | B2 | B2 | B2 |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills: Excellent interpersonal skills with colleagues, even in multicultural environments; adaptation, teamwork

Organisational / managerial skills: Good organisational / managerial skills.

Digital skills

| SELF-ASSESSMENT | | | | |
|---|---|---|---|---|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Independent user | Independent user | Independent user | Independent user | Independent user |

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

## ADDITIONAL INFORMATION

Summarized scientific production 2017 - Current

Author ID: 57193028733 ORCID: 0000-0002-5757-6073

Number of scientific papers: 58

Citations: 546 (Scopus)

H-Index: 13 (Scopus) §: first/co-first author (16 papers) #: corresponding author (3 papers)

Publications

- Corrao G §, Marvaso G, Zaffaroni M, Vincini MG, Badellino S, Borghetti P, Cuccia F, Federico M, Montesi G, Pontoriero A, Franzese C, Loi M, Jereczek-Fossa BA, Scorsetti M. Stereotactic body radiotherapy combined with immunotherapy or targeted therapy: a screenshot from Italy on behalf of the Italian Association of Clinical Oncology and Radiotherapy (AIRO). Radiol Med. 2025 Mar 12. doi: 10.1007/s11547-025-01977-1. PMID: 40072805.

- Marvaso G, Corrao G §, Zaffaroni M, Vincini MG, Lorubbio C, Gandini S, Fodor C, Netti S, Zerini D, Luzzago S, Mistretta FA, Venetis K, Cursano G, Burla T, Mazzocco K, Cattani F, Petralia G, Fusco N,

Pravettoni G, Musi G, De Cobelli O, Tang C, Ost P, Palma DA, Orecchia R, Jereczek-Fossa BA. ADT with SBRT versus SBRT alone for hormone-sensitive oligorecurrent prostate cancer (RADIOSA): a randomised, open-label, phase 2 clinical trial. Lancet Oncol. 2025 Mar;26(3):300-311. doi: 10.1016/S1470-2045(24)00730-7. PMID: 40049196.

- Guerini AE, Marvaso G, Tonoli S, Corrao G, Teriaca MA, Sepulcri M, Scricciolo M, Gava A, Montrone S, Giaj-Levra N, Chiorda BN, Mantello G, Fiorica F, Borghesi S, Belgioia L, Caroli A, Fiorentino A, Radioncovid Study Group, Jereczek-Fossa BA, Magrini SM, Buglione M. RadiOnCOVID: Multicentric Analysis of the Impact of COVID-19 on Patients Undergoing Radiation Therapy in Italy. Cancers (Basel). 2024 Dec 30;17(1):86. doi: 10.3390/cancers17010086. PMID: 39796715; PMCID: PMC11720150.

-Perrucci E, Macchia G, Cerrotta A, Andrulli AD, Autorino R, Barcellini A, Campitelli M, Corrao G, Costantini S, De Sanctis V, Di Muzio J, Epifani V, Ferrazza P, Fodor A, Garibaldi E, Laliscia C, Lazzari R, Magri E, Mariucci C, Pace MP, Pappalardi B, Pastorino A, Piccolo F, Scoglio C, Surgo A, Titone F, Tortoreto F, De Felice F, Aristei C. Prevention and management of radiotherapy-related toxicities in gynecological malignancies. Position paper on behalf of AIRO (Italian Association of Radiotherapy and Clinical Oncology). Radiol Med. 2024 Sep;129(9):1329-1351. doi: 10.1007/s11547-024-01844-5. Epub 2024 Aug 28.

- Durante S, Cuccia F, Rigo M, Caminiti G, Mastroleo F, Lazzari R, Corrao G, Caruso G, Vigorito S, Cattani F, Ferrera G, Chiantera V, Alongi F, Colombo N, Jereczek-Fossa BA. Stereotactic radiotherapy for managing ovarian cancer oligoprogression under poly (ADP-ribose) polymerase inhibitors (PARPi). Int J Gynecol Cancer. 2024 Aug 5;34(8):1232-1239. doi: 10.1136/ijgc-2024-005361. PMID: 38821546.

- Santamaria R, Zaffaroni M, Vincini MG, Colombi L, Gaeta A, Mastroleo F, Corrao G, Zerini D, Villa R, Mazzola GC, Alessi S, Luzzago S, Mistretta FA, Musi G, De Cobelli O, Gandini S, Kuncman L, Cattani F, Ceci F, Petralia G, Marvaso G, Jereczek-Fossa BA. Image-Guided Stereotactic Body Radiotherapy on Detectable Prostate Bed Recurrence after Prostatectomy in RT-Naïve Patients. Life (Basel). 2024 Jul 11;14(7):870. doi: 10.3390/life14070870. PMID: 39063623; PMCID: PMC11277978.

- Marvaso G, Vitullo A, Corrao G#, Vincini MG, Zaffaroni M, Villa R, Mastroleo F, Kuncman L, Zerini D, Repetti I, Lorubbio C, Musi G, De Cobelli O, Jereczek-Fossa BA Muscle-invasive bladder cancer in elderly and frail people: Is hypofractionated radiotherapy a feasible approach when no other local options are available? Tumori. 2024:3008916241252326. doi: 10.1177/03008916241252326. PMID: 38726748.

- Marvaso G, Jereczek-Fossa BA, Zaffaroni M, Vincini MG, Corrao G, Andratschke N, Balagamwala EH, Bedke J, Blanck O, Capitanio U, Correa RJM, De Meerleer G, Franzese C, Gaeta A, Gandini S, Garibaldi C, Gerszten PC, Gillessen S, Grubb WR, Guckenberger M, Hannan R, Jhaveri PM, Josipovic M, Kerkmeijer LGW, Lehrer EJ, Lindskog M, Louie AV, Nguyen QN, Ost P, Palma DA, Procopio G, Rossi M, Staehler M, Tree AC, Tsang YM, Van As N, Zaorsky NG, Zilli T, Pasquier D, Siva S. Delphi consensus on stereotactic ablative radiotherapy for oligometastatic and oligoprogressive renal cell carcinoma-a European Society for Radiotherapy and Oncology study endorsed by the European Association of Urology. Lancet Oncol. 2024;25(5):e193-e204. doi: 10.1016/S1470-2045(24)00023-8. PMID: 38697165.

- Corrao G§, Marvaso G, Mastroleo F, Biffi A, Pellegrini G, Minari S, Vincini MG, Zaffaroni M, Zerini D, Volpe S, Gaito S, Mazzola GC, Bergamaschi L, Cattani F, Petralia G, Musi G, Ceci F, De Cobelli O, Orecchia R, Alterio D, Jereczek-Fossa BA. Photon vs proton hypofractionation in prostate cancer: A systematic review and meta-analysis. Radiother Oncol. 2024;195:110264. doi: 10.1016/j.radonc.2024.110264.

- Marvaso G, Isaksson LJ, Zaffaroni M, Vincini MG, Summers PE, Pepa M, Corrao G, Mazzola GC, Rotondi M, Mastroleo F, Raimondi S, Alessi S, Pricolo P, Luzzago S, Mistretta FA, Ferro M, Cattani F, Ceci F, Musi G, De Cobelli O, Cremonesi M, Gandini S, La Torre D, Orecchia R, Petralia G, Jereczek-Fossa BA. Can we predict pathology without surgery? Weighing the added value of multiparametric MRI and whole prostate radiomics in integrative machine learning models. Eur Radiol. 2024 Mar 20. doi: 10.1007/s00330-024-10699-3. Epub ahead of print. PMID: 38507053.

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- Corrao G§, Bergamaschi L, Pierini VE, Gaeta A, Volpe S, PepaM, Zaffaroni M, Vincini MG, Fodor C, Piperno G, Emiro F, Ferrari A, Gandini S, Cattani F, Orecchia R, Marvaso G, Jereczek-Fossa BA. Tumori. 2024 ;110(1):34-43. doi: 10.1177/03008916231206926. Hippocampal region avoidance in whole brain radiotherapy in brain metastases: for all or for some? A real-world feasibility report

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- Mattia Zaffaroni, Maria Giulia Vincini, Giulia Corrao, Chiara Lorubbio, Ilaria Repetti, Federico Mastroleo, Costantino Putzu, Riccardo Villa, Sofia Netti, Oriana D'Ecclesiis, Stefano Luzzago, Francesco Alessandro Mistretta, Gennaro Musi, Federica Cattani, Sara Gandini, Giulia Marvaso and Barbara Alicja Jereczek-Fossa Investigating Nutritional and Inflammatory Status as Predictive Biomarkers in Oligoreccurent Prostate Cancer—A RADIOSA Trial Preliminary Analysis Nutrients 2023;15:4583. https://doi.org/10.3390/nu15214583

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in SBRT for Nodal Oligometastatic Prostate Cancer Applied Sciences. 2022; 12(21):10949. https://doi.org/10.3390/app122110949

- Marvaso G, Pepa M, Volpe S, Mastroleo F, Zaffaroni M, Vincini MG, Corrao G, Bergamaschi L, Mazzocco K, Pravettoni G, Orecchia R, Jereczek-Fossa BA. Virtual and Augmented Reality as a Novel Opportunity to Unleash the Power of Radiotherapy in the Digital Era: A Scoping Review Applied Sciences. 2022; 12(22):11308. https://doi.org/10.3390/app122211308

- Volpe S, Piperno G, Colombo F, Biffi A, Comi S, Mastroleo F, Camarda AM, Casbarra A, Cattani F, Corrao G, de Marinis F, Spaggiari L, Guckenberger M, Orecchia R, Alterio D, Jereczek-Fossa BA. Hypofractionated proton therapy for non-small cell lung cancer: Ready for prime time? A systematic review and meta-analysis DOI: 10.1016/j.ctrv.2022.102464 Cancer Treat Rev . 2022;110:102464. doi: 10.1016/j.ctrv.2022.102464.

- Zaffaroni M, Vincini MG, Corrao G, Marvaso G, Pepa M, Viglietto G, Amodio N and Jereczek-Fossa BA Untraveling Mitochondrial Determinants of Tumor Response to Radiation Therapy Int J Mol Sci . 2022 Sep 26;23(19):11343. doi: 10.3390/ijms231911343.

- Isaksson LJ, Summers P, Bhalerao A, Gandini S, Raimondi S, Pepa M, Zafaroni M, Corrao G, Mazzola GC, Rotondi M, Lo Presti G, Haron Z, Alessi S, Pricolo P, Mistretta FA, Luzzago S, Cattani F, Musi G, De Cobelli O, Cremonesi M, Orecchia R, Marvaso G, Petralia G and Jereczek□Fossa BA Quality assurance for automatically generated contours with additional deep learning Insights Imaging . 2022 Aug 17;13(1):137. doi: 10.1186/s13244-022-01276-7.

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- Marvaso G, Volpe S, Pepa M, Zaffaroni M, Corrao G§ , Augugliaro M, Nolè F, De Cobelli O and Jereczek-Fossa BA Recent Advances in the Management of Hormone-Sensitive Oligometastatic Prostate Cancer Neoplasma. 2022 Mar;69(2):404-411. doi: 10.4149/neo_2021_210622N828

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Front Oncol. 2021;11:778729. doi: 10.3389/fonc.2021.778729.

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Amodio N, Mistretta FA, Luzzago S, Musi G, Alessi S, La Fauci FM, Tordonato C, Tosoni D, Cattani F, Gandini S, Petralia G, Pravettoni G, De Cobelli O, Viale G, Orecchia R, Marvaso G, Jereczek-Fossa BA. Exploring miRNA Signature and Other Potential Biomarkers for Oligometastatic Prostate Cancer Characterization: The Biological Challenge behind Clinical Practice. A Narrative Review.Cancers (Basel). 2021;13(13):3278. doi: 10.3390/cancers13133278. PMID: 34208918

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- Corrao G§ , Bergamaschi L, Zaffaroni M, Cavallo I, Marvaso G, Alterio D, Mastrilli F, Capizzi S, Desideri I, Pravettoni G, Orecchia R, Jereczek-Fossa BA. COVID-19 and radiotherapy: impact on work and personal life of Lombardy residents during first lockdown, survey endorsed by AIRO Young Tumori. 2021 Mar 17:3008916211000826. doi: 10.1177/03008916211000826. PMID: 33730961

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Journal: Clinical and Translational Oncology DOI: 10.1007/s12094-020-02538-w

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## Participation in national and international research groups

Member of re-irradiation research team at AIRO (Associazione Italiana Radioterapia Oncologica)

October 2023- Current

## National and International Oral Presentations

[17 Nov 2023 – 18 Nov 2023 ]

MASTERCLASS IN ONCOLOGIA UROLOGICA - Orbassano

Title: La radio-chemioterapia nella preservazione d'organo: indicazioni cliniche

[16 Dec 2022 – 17 Dec 2022 ]

IX SIMPOSIO ANNUALE UPMC - Roma

Title: Locally Advanced Prostate Cancer: new techniques in Radiation Oncology and clinical protocols

[25 Nov 2022 – 27 Nov 2022 ]

XXXII Congresso Nazionale AIRO - Bologna

Title: Upfront Advanced Radiotherapy and New Drugs for NSCLC Patients with Synchronous Brain Metastases: Is the Juice Worth the Squeeze? A Real-World Analysis from Lombardy, Italy.

[25 Nov 2022 – 27 Nov 2022 ]

XXXII Congresso Nazionale AIRO - Bologna

Title: Extreme hypofractionated RT with concomitant boost to the DIL in prostate cancer – a 5-year update

[8 May 2022 ]

ESTRO 2022 - Copenhagen

Title: Short-term RT for early PCa with concomitant boost to the DIL (phase II trial AIRC-IG-13218)-updates

[8 May 2022 ]

ESTRO 2022 - Copenhagen

Title: Hippocampal sparing WBRT: trade-off between tumor control and quality of life?

[14 Oct 2021 – 16 Oct 2021 ]

AIRO 2021 - Bologna

Title: Impact of postoperative radiotherapy on biochemical recurrence in pN1 prostate cancer patients: establishing the most appropriate timing for radiotherapy administration

[ 26 Aug 2021 – 31 Aug 2021 ]

ESTRO 2021 - Madrid

Title: Hippocampal sparing WBRT: trade-off between tumor control and quality of life? A series of 150 pts

[ 8 Dec 2020 – 11 Dec 2020 ]

XXX Congresso Nazionale AIRO 2020- Virtual Meeting

Phase II prospective trial “give me five” short-term high precision radiotherapy for early prostate cancer with simultaneous boost to the dominant intraprostatic lesion: the impact of toxicity on quality of life (AIRC IG-13218)

[ 25 Sep 2020 – 28 Sep 2020 ]

XXX CONGRESSO NAZIONALE SIURO - VIRTUAL MEETING –

Oligo Metastatic renal cell carcinoma: SBRT, if, when and how?

[ 1 Nov 2018 – 2 Nov 2018 ]

XXVIII CONGRESSO AIRO - Rimini

Title: Carcinoma mammario duttale in situ trattato con radioterapia intraoperatoria con elettroni come trattamento adiuvante dopo chirurgia conservativa: risultati a lungo termine dell'Istituto Europeo di Oncologia

[ 1 Nov 2018 – 2 Nov 2018 ]

XXVIII CONGRESSO AIRO - Rimini

Title: Tossicità acuta e intermedia di uno schema ipofrazionato con boost simultaneo integrato in 3 settimane, con TomoDirect, in 287 pazienti con neoplasia mammaria in stadio iniziale: studio prospettico mono-istituzionale

## ANNEXES

- None

*“In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.”*

*15 April 2025*