



Valentina Bartolomeo

Date of birth: 03/09/1994

Nationality: Italian

CONTACT



ABOUT ME

Radiation Oncologist
PhD Student at Maastricht University

NETWORKS AND MEMBERSHIPS

01/2026 – CURRENT

European Interdisciplinary Society of Artificial intelligence for Cancer Research

Radiation and Surgery AI (Interventional AI) Working Group

04/2023 – CURRENT

EORTC Lung Cancer Group - Young and Early Career Investigator

WORK EXPERIENCE

Fondazione IRCCS Istituto Nazionale dei Tumori - Milano Milano, Italy

Radiation Oncology

21/02/2025 – 20/02/2026

Thoracic Tumors and Soft Tissue Sarcomas

Fondazione IRCCS Istituto Nazionale dei Tumori - Milano Milano, Italy

Clinical Fellowship

09/2024 – 01/2025

- Clinical activity in thoracic oncology, including malignancies of the lung, pleura, and thymus, with active participation in multidisciplinary tumor boards and joint clinical evaluations.
- Clinical activity in mesenchymal tumors, encompassing adult and young adult sarcomas, with regular involvement in multidisciplinary meetings.

Centro Nazionale di Adroterapia Oncologica (CNAO) Pavia, Italy

Clinical Fellowship

02/2024 – 05/2024

Focused on the Head & Neck cancer, with direct involvement in evaluating and managing patients candidates for proton therapy and carbon ion radiotherapy.

Maastricht, Netherlands

Research training period - MAASTRO Clinic, Maastricht University Medical Center

12/09/2022 – 11/09/2023

Research project about oligometastatic Non-Small Cell Lung Cancer (NSCLC) under the supervision of Dirk De Ruysscher and Lizza Hendriks

University of Pavia - IRCCS Policlinico San Matteo Pavia, Italy

Resident in Radiation Oncology

25/01/2021 – 21/01/2025

Agrigento, Italy

Medical doctor in special units for COVID-positive patients domiciliar assistance

04/2020 – 01/2021

University Hospital "Gaspare Rodolico" Catania, Italy

Internship in Medical Oncology Department

2015 – 2019

EDUCATION AND TRAINING

26/01/2021 – 21/01/2025

Residency in Radiation Oncology University of Pavia

Final grade 50/50 cum laude | **Thesis** In silico comparison of effective dose to immune cells between photon and proton therapy in patients with locally advanced non-small cell lung cancer

2013 – 2019 Catania, Italy

Graduation in Medicine and Surgery University of Catania

Field of study Medical Oncology | **Final grade** 110/110 cum laude | **Thesis** Role of the inflammatory tumor microenvironment as predictive biomarker of response to Pembrolizumab in non-small cell lung cancer

2007 – 2013 Agrigento, Italy

Scientific High School Diploma Scientific High School "Ettore Majorana"

Final grade 100/100

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

Dutch

Listening A1

Spoken production A1

Reading A1

Spoken interaction A1

Writing A1

English

Listening B1

Spoken production B2

Reading B2

Spoken interaction B2

Writing B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft Office (Microsoft) | Eclipse TPS | MIM | SPSS IBM

PUBLICATIONS

2021

Radiomics feature extraction harmonization process in the Blue Sky study on stage 3 NSCLC patients undergoing chemoradiation and immunotherapy

E-poster BiGART 2021 - Acta Oncologica conference

2022

[Preliminary report on harmonization of features extraction process using the ComBat tool in the multi-center Blue Sky Radiomics study on stage III unresectable NSCLC](#)

Insights Imaging 13, 38 (2022)

2022

Preliminary results of the Blue Sky radiomics study on stage III NSCLC patients treated with chemo-radiation and consolidation immunotherapy

E-Poster - European Lung Cancer Congress (ELCC 2022)

2022

114P Preliminary results of the “Blue Sky Radiomics” study on stage III NSCLC patients treated with chemo-radiation and consolidation immunotherapy

Abstract - Annals of Oncology, ESMO 2022

2023

Treatment outcome of patients with synchronous oligometastatic non-small cell lung cancer in the immunotherapy era: Analysis of a real-life intention-to-treat population

M. Jongbloed, V. Bartolomeo, M. Steens, S. Dursun, T. van de Lisdonk D.K.M. De Ruyscher , L.E.L. Hendriks

European Journal of Cancer, CURRENT PERSPECTIVE, VOLUME 190, 112947, SEPTEMBER 2023

2023

A Glimpse Into the Future for Unresectable Stage III Non-Small Cell Lung Cancer

International Journal of Radiation Oncology - Biology - Physics (IJROBP)

Valentina Bartolomeo, MD, [Francesco Cortiula, MD](#), [Lizza E.L. Hendriks, MD, PhD](#), [Dirk De Ruyscher, MD, PhD](#), [Andrea R. Filippi, MD](#)

2024

Cachexia and Sarcopenia in Oligometastatic Non-Small Cell Lung Cancer: Making a Potential Curable Disease Incurable?

Valentina Bartolomeo, Mandy Jongbloed, Wouter R. P. H. van de Worp, Ramon Langen, Juliette Degens, Lizza E. L. Hendriks and Dirk K. M. de Ruyscher

Cancers 2024, 16(1), 230

2024

Measured Steps: Navigating the Path of Oligoproggressive Lung Cancer with Targeted and Immunotherapies

Mandy Jongbloed, Atulya A. Khosla, **Valentina Bartolomeo**, Karan Jatwani, Rohit Singh, Dirk K.M. De Ruyscher, Lizza E.L. Hendriks, Aakash Desai

Curr Oncol Rep (2024)

2025

Impact of Immune Checkpoint Inhibitors and Local Radical Treatment on Survival Outcomes in Synchronous Oligometastatic NSCLC

JTO Clin Res Rep . 2025 Jan 8;6(3):100790. doi: 10.1016/j.jtocrr.2025.100790. eCollection 2025 Mar.

Authors Mandy Jongbloed, Valentina Bartolomeo, Martina Bortolot, Shahan Darwesh, Jarno W J Huijs, Safiye Dursun, Juliette Degens, Ben E E M van den Borne, Maggy Youssef-El Soud, Marcel Westenend, Cordula Pitz, Dirk K M De Ruyscher, Lizza E L Hendriks |

Journal Name JTO Clinical and Rsearch Reports |

2025

Diagnosis and treatment of radiation induced pneumonitis in patients with lung cancer: An ESTRO clinical practice guideline

Radiother Oncol . 2025 Jun;207:110837. doi: 10.1016/j.radonc.2025.110837. Epub 2025 Apr 2.

Authors Dirk De Ruyscher, Els Wauters, Verena Jendrossek, Andrea R. Filippi, Marie-Pierre Revel, Corinne Faivre-Finn, Jarushka Naidoo, Sara Ramella, Matthias Guckenberger, Umberto Ricardi, Azza Khalil, Marieke Schor, Valentina Bartolomeo, Paul Martin Putora |

Journal Name Radiotherapy & Oncology - Green Journal |

2025

Current Controversies and Challenges in Non-Oncogene-Addicted Synchronous Oligometastatic Non-Small Cell Lung Cancer

JAMA Oncol . 2025 Nov 1;11(11):1385-1392. doi: 10.1001/jamaoncol.2025.2891.

Authors Mandy Jongbloed, Martina Bortolot, Jonas Willmann, Valentina Bartolomeo, Nuria M. Novoa, Dirk K. M. De Ruyscher, Lizza E. L. Hendriks |

Journal Name JAMA Oncology |

2025

Association of metabolic tumour volume (MTV) and total lesion glycolysis (TLG) with survival in patients with oligometastatic non-small-cell lung cancer treated with immunotherapy: a multicentre retrospective study

Eur J Nucl Med Mol Imaging . 2025 Oct 10. doi: 10.1007/s00259-025-07557-9

Authors F. Ogliari, M. Jongbloed, R. DW Vaes, RMA Houben, V. Bartolomeo, B. EEM van den Borne, J. Degens, J. WJ Huijs, C. Pitz, M. Steens, M. Y. El Soud, M. Sollini, D. KM De Ruyscher, C. Mitea, L. EL Hendriks |

Journal Name European Journal of Nuclear Medicine and Molecular Imaging |

2025

Integrating radiomics and real-world data to predict immune checkpoint inhibitor efficacy in advanced non-small-cell lung cancer

ESMO Real World Data and Digital Oncology, Volume 10, 100182

Authors Leonardo Provenzano, Margherita Favali,(.....) Valentina Bartolomeo, (.....) Arsela Prelaj |

Journal Name ESMO Real World Data and Digital Oncology |

2026

Patterns of progression in patients with synchronous oligometastatic non-small cell lung cancer after systemic and local radical treatment

Lung Cancer, Volume 214109337, April 2026

Authors V. Bartolomeo, M. Jongbloed, JWJ. Huijs, AR. Filippi, BEEM. van den Borne, C. Pitz, H. Gietema, J. Degens, M. Youssed-El Soud, M. Steens, S. Dursun, WH. van Geffen, P. de Boer, DKM. De Ruyscher, LEL. Hendriks |

Milano, 22/02/2026



Valentina Bartolomeo