

Curriculum Vitae Europass

Personal information

First and family name **Luca Boldrini**
Address Fondazione Policlinico Universitario "A. Gemelli" IRCCS
Largo A. Gemelli, 8
00168, Roma



Date of birth 15/01/1987

Gender M

Professional sector SC/SSD 06/1 Imaging, Radiotherapy and Neuroradiology – MED36

Work experience

- 2022 Qualification as full professor ("Professore di I fascia") for the sector 06/11
- 2020 Elected national advisor of the steering committee "AIRO Giovani"
- 2020 Qualification as associate professor ("Professore di II fascia") for the sector 06/11
- 2020 Scientific coordinator of the Gemelli Molise Multiomics - G2M Lab
at Gemelli Molise, Campobasso
- 2020 Member of the supervision and operative committees of the "Generator" project
at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome
- 2020 Adjunct professor for the faculty of "Medicine and Surgery"
at Università Cattolica del Sacro Cuore, Rome
- 2020 Professor and steering committee member for the II level Master "Big data and value
generation in biomedical research and clinical practice"
at Università Cattolica del Sacro Cuore, Rome
- 2020 Examiner of candidates for the Doctor in Philosophy in Medicine
at School of Medicine, Trinity College of Dublin, Ireland
- 2020 Professor at the "Postgraduate diploma in Advanced Radiation Therapy Practice
(treatment planning strand)"
at School of Medicine, Trinity College of Dublin, Ireland
- 2019 Clinical director of the course "In-Room MRI-Guided Radiotherapy"
at European Society for Radiotherapy and Oncology (ESTRO)
- 2019 Radiomics Working Group scientific coordinator and secretary
at Alleanza Contro il Cancro
- 2019 Translational Institutional Board member and coordinator for Radiomics and Big Data facilities
at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome
- 2018 Professor and faculty member of the course "Patient positioning and immobilization"
at European Society for Radiotherapy and Oncology (ESTRO)
- 2018 Senior registrar in Radiation Oncology, MR-Linac unit
at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome
- 2014 Professor for the II level Master "Diet and nutrition"
at Università Cattolica del Sacro Cuore, Rome
- 2017 Advisor for research on advanced biomedical imaging
at KBO.COM srl, spin off of the Università Cattolica del Sacro Cuore, Rome

2016 Scientific and clinical consultant for Medipass srl
 at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome
 2014 Professor for the I level Master "Food for health, wellbeing and sport"
 at Università Cattolica del Sacro Cuore, Rome
 2011 English and German scientific translator
 at Verduci Editore, Rome

Education

2021 PhD in Oncological Sciences, XXXIII cycle
 at Università Cattolica del Sacro Cuore, Rome
 2016 Residency Programme in Radiation Oncology (70/70 and honors)
 at Università Cattolica del Sacro Cuore, Rome
 2011 Degree in Medicine and Surgery (110/110 and honors)
 at Università Cattolica del Sacro Cuore, Rome
 2005 Classical high school diploma (100/100)
 at Collegio San Giuseppe – Istituto de Merode, Rome

Mother tongue

Italian

Other languages

English, German

Auto-assessment

European level ()*

English

German

Comprehension		Speaking		Writing
Listening	Reading	Interaction	Production	
C2	C2	C2	C2	C1
B2	B2	C1	B2	B1

Research interests

Radiomics and advanced bio-imaging analysis
 Artificial Intelligence in oncology
 MR guided Radiotherapy
 Lung cancer
 Re-irradiation
 Immunotherapy

Scientific societies

Associazione Italiana di Radioterapia Oncologica (AIRO)
 Advisor of the AIRO-AIRB Radiomics focus team
 European Society for Radiotherapy and Oncology (ESTRO)
 European Society of Hybrid Medical Imaging (ESHI)
 Image Biomarker Standardisation Initiative (IBSI)
 Radiation and Oncology MEta-campus Organization (ROMEIO) Scientific coordinator

Publications, congresses and meeting

Published papers 188
 Citations number (Scopus) 4.064
 H-index (Scopus) 28
 Author and coauthor of 3 research monographs
 Author and coauthor of 5 book chapters
 Author and coauthor of more than 80 oral presentations in national and international congresses
 Peer reviewer for more than 20 international scientific journals and editorial board member for 5

The detailed list of the mentioned publications is available in annex 1.
The detailed list of the journals and editorial boards is available in annex 2.

Patents Patent holder #202020000005950 for a modular repositioning system for hybrid MR guided radiotherapy

Grants **Principal investigator & local PI**
2019 Ricerca Corrente Reti ACC Radiomics : RECORD study
2019 Ricerca Corrente Reti ACC Lung : RATIONALE study
2022 HORIZON DIGITAL-2022-CLOUD-AI-02-CANCER-IMAGE : EUCAIM
2023 Next Gen Clinician Scientist AIRC

Key person role
2020 HORIZON SC1 DTH -12-2020 : RESAMPLE
2022 ERAPerMED Lantern
2022 HORIZON-HLTH-2022-STAYHLTH-0 : TRUSTSTROKE

Co-investigator
2022 Ricerca Corrente Reti ACC ACCORD
2023 HORIZON-HLTH-2023-STAYHLTH-01-01 : COMFORTAGE

Awards ESTRO Education Grant – January 2015
Certificate of outstanding contribution in reviewing for “Radiotherapy & Oncology” – May 2015
ESTRO Mobility Grant for the “Gaining experience in online RT adaptive workflow by MRIdian” at Washington University School of Medicine, Saint Louis (Missouri, USA) – June 2017
High Scoring Abstract recognition – ViewRay 2019 Users’ Meeting – January 2019
Certificate of Merit for ECR 2020 abstract “MR Delta Radiomics as imaging biomarkers to predict biological behaviour in treated locally-advanced rectal cancer” – March 2020
“Italia Giovane” award for the field of Medicine – December 2022

I authorize the treatment of my personal data according to the Italian “Decreto Legislativo 30 giugno 2003, n. 196 Codice in materia di protezione dei dati personali”

Rome, the 02nd of November 2023

Firma

