

# Curriculum Vitae Europass

## Personal information

First and family name **Luca Boldrini**  
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Citizenship Italian  
Date of birth 15/01/1987  
Gender M



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

**Work experience**

- 2020 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 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

**Education**

- 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
- 2017 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 101
- Citations number (Scopus) 1245
- H-index (Scopus) 17
- Author and coauthor of 3 research monographs
- Author and coauthor of 3 book chapters
- Author and coauthor of more than 50 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

**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

*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 14<sup>h</sup> of September 2021

**Firma**

