

Curriculum vitae

MAURIZIO BALBI, MD

Personal details

First name: Maurizio
Last Name: Balbi
Born in Novi Ligure (Italy), December 30, 1989
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Educations

- 2021-2022 First-level master certification in Biostatistics at the University of Padua (IT)
- 2016-2020 Trainee in Diagnostic Imaging School, graduation 70/70 *cum laude* at the University of Milano-Bicocca (IT)
- 2016 Medical Board exam habilitation at the University of Genoa (IT)
- 2008-2016 Medical School, graduation 110/110 *cum laude* at the University of Genoa (IT)
- 2003-2008 High school diploma, Classical Lyceum, Liceo E. Amaldi, Novi Ligure (IT)

Professional experiences and current position

- Main expertise in thoracic, oncologic, emergency, and musculoskeletal imaging
- 2022-present Research Fellow at the University of Turin, Department of Oncology (IT) [RTD art. 24 lettera a), legge n. 240 del 30 dicembre 2010; SC 06/I1, SSD MED/36 Diagnostic Imaging and Radiation Therapy]
 - 2022-present Consultant Radiologist at the San Luigi Gonzaga Hospital, Orbassano (IT)
 - 2022-present Visiting Scientist in lung cancer screening at the Fondazione IRCCS Istituto Nazionale dei Tumori di Milano (IT)
 - 2021-2022 AIRC-funded Research Fellow at the University of Parma (IT) (*Principal Investigator*: Prof Nicola Sverzellati; *Project Title*: A Radio-Immuno-Genomic Approach to Identify Prognostic and Predictive Models for the Response for the Immunotherapy in NSCLC)
 - 2021-2022 Reading Radiologist in lung cancer screening at the BioMILD trial (ClinicalTrials.gov Identifier: NCT02247453) and the SMILE trial (ClinicalTrials.gov Identifier: NCT03654105) at the Fondazione IRCCS Istituto Nazionale dei Tumori di Milano (IT)
 - 2020-2021 Consultant Radiologist at the Istituti Clinici Zucchi, Monza (IT)

Participation to Directive Boards of Scientific Societies and/or Institutions:

- 2021-present Advisor of the Thoracic Section of the Italian Society of Medical and Interventional Radiology (SIRM)

Teaching activity:

- Degree course in Imaging and Radiotherapy Techniques, University of Turin (IT)
- Students and trainees mentoring, San Luigi Gonzaga Hospital, Orbassano (IT)

Research main topics

Lung Cancer, Interstitial Lung Diseases, Cardiovascular Diseases, COVID-19

Bibliometry (2020-April 11, 2023) (<https://www.scopus.com/authid/detail.uri?authorId=57211905710>)

Citations: 300
Documents: 21
h-index: 9

10 selected publications

1. Balbi M, Sabia F, Ledda RE, Milanese G, Ruggirello M, Silva M, Marchianò AV, Sverzellati N, Pastorino U. Automated Coronary Artery Calcium and Quantitative Emphysema in Lung Cancer Screening: Association With Mortality, Lung Cancer Incidence, and Airflow Obstruction. *J Thorac Imaging*. 2023 Jan 20. doi: 10.1097/RTI.0000000000000698. Epub ahead of print. PMID: 36656144

2. Balbi M, Caroli A, Corsi A, Milanese G, Surace A, Di Marco F, Novelli L, Silva M, Lorini FL, Duca A, Cosentini R, Sverzellati N, Bonaffini PA, Sironi S. Chest X-ray for predicting mortality and the need for ventilatory support in COVID-19 patients presenting to the emergency department. *Eur Radiol.* 2021 Apr;31(4):1999-2012. doi: 10.1007/s00330-020-07270-1. Epub 2020 Oct 8. PMID: 33033861; PMCID: PMC7543667
3. Balbi M, Conti C, Imeri G, Caroli A, Surace A, Corsi A, Mercanzin E, Arrigoni A, Villa G, Di Marco F, Bonaffini PA, Sironi S. Post-discharge chest CT findings and pulmonary function tests in severe COVID-19 patients. *Eur J Radiol.* 2021 May;138:109676. doi: 10.1016/j.ejrad.2021.109676. Epub 2021 Mar 20. PMID: 33798931; PMCID: PMC7980523
4. Ledda RE, Milanese G, Milone F, Leo L, Balbi M, Silva M, Sverzellati N. Interstitial lung abnormalities: new insights between theory and clinical practice. *Insights Imaging.* 2022 Jan 15;13(1):6. doi: 10.1186/s13244-021-01141-z. PMID: 35032230; PMCID: PMC8761184
5. Milanese G, Mazzaschi G, Ledda RE, Balbi M, Lamorte S, Caminiti C, Colombi D, Tiseo M, Silva M, Sverzellati N. The radiological appearances of lung cancer treated with immunotherapy. *Br J Radiol.* 2023 Mar 1;96(1144):20210270. doi: 10.1259/bjr.20210270. Epub 2022 Dec 19. PMID: 36367539; PMCID: PMC10078868
6. Granata V, Grassi R, Miele V, Larici AR, Sverzellati N, Cappabianca S, Brunese L, Maggialetti N, Borghesi A, Fusco R, Balbi M, Urraro F, Buccicardi D, Bortolotto C, Prost R, Rengo M, Baratella E, De Filippo M, Barresi C, Palmucci S, Busso M, Calandriello L, Sansone M, Neri E, Coppola F, Faggioni L. Structured Reporting of Lung Cancer Staging: A Consensus Proposal. *Diagnostics (Basel).* 2021 Aug 30;11(9):1569. doi: 10.3390/diagnostics11091569. PMID: 34573911; PMCID: PMC8465460
7. Sverzellati N, Milone F, Balbi M. How imaging should properly be used in COVID-19 outbreak: an Italian experience. *Diagn Interv Radiol.* 2020 May;26(3):204-206. doi: 10.5152/dir.2020.30320. PMID: 32229434; PMCID: PMC7239367
8. Rinaldo RF, Mondoni M, Parazzini EM, Pitari F, Brambilla E, Luraschi S, Balbi M, Sferrazza Papa GF, Sotgiu G, Guazzi M, Di Marco F, Centanni S. Deconditioning as main mechanism of impaired exercise response in COVID-19 survivors. *Eur Respir J.* 2021 Aug 26;58(2):2100870. doi: 10.1183/13993003.00870-2021. PMID: 33926969; PMCID: PMC8082950
9. Barletta A, Balbi M, Surace A, Caroli A, Radaelli S, Musto F, Saruggia M, Mangili G, Gerevini S, Sironi S. Cerebral superb microvascular imaging in preterm neonates: in vivo evaluation of thalamic, striatal, and extrastriatal angioarchitecture. *Neuroradiology.* 2021 Jul;63(7):1103-1112. doi: 10.1007/s00234-021-02634-w. Epub 2021 Jan 20. PMID: 33471157
10. Sverzellati N, Milanese G, Milone F, Balbi M, Ledda RE, Silva M. Integrated Radiologic Algorithm for COVID-19 Pandemic. *J Thorac Imaging.* 2020 Jul;35(4):228-233. doi: 10.1097/RTI.0000000000000516. PMID: 32271278; PMCID: PMC7253044

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