

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name and Surname

BARBARA ALICJA JERECZEK-FOSSA, MD PHD (MAIDEN NAME JERECZEK)

WORK EXPERIENCE

• Dates (from – to)

• Name and address of employer

• Type of business or sector

• Occupation or position held

• Main activities and responsibilities

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• Main activities and responsibilities

March 2022 - ongoing

IEO European Institute of Oncology IRCCS, Radiotherapy Division, via G. Ripamonti 435, 20141 Milan, Italy

University of Milan, Faculty of Medicine and Surgery, via Festa del Perdono 7, 20122 Milan, Italy

University Hospital Division

Chair, Dept. of Radiation Oncology – Full Professor of Radiation Oncology

Coordination of clinical, research and educational activities of the Division

(2nd mandate as Chair of Radiotherapy Division)

May 2015 – March 2022

IEO European Institute of Oncology IRCCS, Radiotherapy Division

University of Milan, Faculty of Medicine and Surgery

Chair of Radiotherapy Division - Associate Professor of Radiation Oncology

Clinical activities, clinical research, university training and education

April 2006 - May 2015

IEO European Institute of Oncology IRCCS, Radiotherapy Division

University of Milan, Faculty of Medicine and Surgery

Deputy Director of Radiotherapy Division (from 2010 Senior Deputy Director) - Assistant Professor of Radiation Oncology

Clinical activities, clinical research, university training and education

July 2001 – April 2006

IEO European Institute of Oncology IRCCS, Radiotherapy Division

University Hospital Division

Medical doctor, assistant (since 1st April 2004 senior assistant)

Clinical activities, clinical research, university training and education

January 1997 – July 2001

IEO European Institute of Oncology IRCCS, Radiotherapy Division

University Hospital Division

Medical doctor, resident and research fellow

Clinical activities, clinical research

May 1992 – December 1996

Dept. of Oncology and Radiotherapy, Medical University of Gdańsk, Poland, 7 Debinki Str. 80-211 Gdańsk, Poland

University Hospital Division

Medical doctor, assistant, university researcher

Clinical activities, research, training and education of medical students

EDUCATION AND TRAINING

- Dates (from – to) **2012**
• Name and type of organisation providing education and training Catholic University of Milan and Lombardy region, Italy
• Principal subjects/occupational skills covered Master in Management in Health Service (cum laude)

- Dates (from – to) **2005**
• Name and type of organisation providing education and training National Institute of Oncology, Warsaw, Poland
• Principal subjects/occupational skills covered Clinical Oncology
• Title of qualification awarded Specialist in Clinical Oncology

- Dates (from – to) **1998-2002**
• Name and type of organisation providing education and training University of Milan, Faculty of Medicine and Surgery, Milan, Italy
• Principal subjects/occupational skills covered Radiation Oncology
• Title of qualification awarded Specialist in radiation oncology (diploma cum laude)

- Dates (from – to) **April 2001**
• Name and type of organisation providing education and training Ministry of Health, Italy
• Principal subjects/occupational skills covered Radiation Oncology
• Title of qualification awarded Specialist in radiation oncology

- Dates (from – to) **1992-1999**
• Name and type of organisation providing education and training National Institute of Oncology, Warsaw, Poland
• Principal subjects/occupational skills covered Radiation Oncology
• Title of qualification awarded Specialist in Radiation Oncology (diploma cum laude)

- Dates (from – to) **May 1998**
• Name and type of organisation providing education and training University of Milan, Faculty of Medicine and Surgery, Milan, Italy
• Principal subjects/occupational skills covered Italian Board of Medical Doctors, Milan, Italy
• Title of qualification awarded State examination and qualification as a Medical Doctor
Medical Doctor qualified for clinical practice in Italy

- Dates (from – to) **1996-1997**
• Name and type of organisation providing education and training University of Milan, Faculty of Medicine and Surgery, Milan, Italy
• Title of qualification awarded Medical Doctor (diploma *cum laude*)

- Dates (from – to) **1985-1992**
• Name and type of organisation providing education and training Medical University of Gdansk, Poland
• Title of qualification awarded Medical Doctor (diploma *cum laude*, *Primus inter pares* reward for the best medical student)

UNIVERSITY DEGREES

March 2022 – ongoing
Full Professor of Radiation Oncology, University of Milan, Milan, Italy

2017-2023 (2 mandates)
Chair of the BSc Program in Radiography, Radiotherapy and Medical Imaging, University of Milan, Italy

October 2022 – ongoing
Deputy Chair of University Post-graduate Residency Program in Radiation Oncology, University of Milan, Italy

2016 - 2022 (2 mandates)
Chair of University Post-graduate Residency Program in Radiation Oncology, University of Milan, Italy

May 2015 - 2021
Associate Professor of Radiation Oncology, University of Milan, Italy

April 2006 - 2015
Assistant Professor of Radiation Oncology, University of Milan, Italy

2002
Habilitation for the professorship position at the Polish Universities (based on the examination at the Institute of Oncology in Warsaw, Poland, revision of scientific publications and the thesis on the "Role of radiotherapy associated with surgery for uterine corpus tumors")

1996
PhD in Medicine, Medical University of Gdansk, Poland (thesis on "Results of surgery combined with adjuvant radiotherapy in endometrial carcinoma with special reference to radiotherapy late complications and its radiobiological aspects - application of linear-quadratic model")

RESEARCH ACTIVITIES

Research Interests

Urological malignancies, head and neck cancers, new fractionation protocols, new radiotherapy approaches (stereotactic radiotherapy, IMRT, IGRT, etc.), treatment accuracy, side effects and patient's quality of life, combined modality approach (including organ preservation studies) and new prognostic and predictive factors.

PI or partner in numerous grants and research projects.

Member of numerous consensus committees and guidelines task-forces (e.g., Advanced Prostate Cancer Consensus Conference APCCC), see below

SCIENTIFIC PRODUCTION

Member of the **Stanford University list of most cited scientists** (World's Top 2% Scientists) since 2022
Member of the **Top Italian Scientists - TIS list**

Scopus Author ID: **7004306533**

ORCID: [0000-0001-8151-3673](https://orcid.org/0000-0001-8151-3673) | [LinkedIn](https://www.linkedin.com/in/luca-santoro-111a1111) | [Wikipedia](https://en.wikipedia.org/wiki/Luca_Santoro_(radiation_oncologist))

Number of scientific articles: over **520** from 1993 to present (sort by publication date)

Book chapters: **8**

Thesis: **5**

Total impact factor*: **2419.9**

Mean Impact Factor*: **4.736**

H-Index (according to Google Scholar): **61** (27/08/2025) > 13,000 citations

H-index (according to Scopus): **51** (27/08/2025)

H-index (according to Web of Science): **46** (15/01/2025)

Principal Investigator, AIRC-funded and many other trials, including:

- *RADIOSA* (Prostate cancer oligorecurcences)
- *GIVE-ME-FIVE* (Prostate SBRT with boost)
- *PRO-SPEED – Prostate cancer CyberKnife ultrahypofractionation*
- *GREEN Radiotherapy (MUSA Project)* (Sustainable hypofractionation)
- *STRA-MI-VT* (Cardiac radioablation)

Collaboration within numerous institutional, national and international trials including

DECIDE project, proton therapy (IEO POWER Registry), MINIONS, radiotherapy-new drug combinations (PI for Italy in ATLAS study), lifestyle interventions (MICROSTYLED), hypofractionation and pan-European platforms like EORTC-ESTRO's E²-RADlatE (collaborations).

UNIVERSITY TEACHING

University of Milan, Italy

March 2022 – ongoing

Full Professor of Radiation Oncology

(from 2015 to 2022 – Associate Professor)

Broad teaching experience within regular pre- and post-graduate university activities (promotor/advisor for > 50 MD, specialization and MSc/BSc theses, PhD program, Inter-departmental University Center for Palliative Care (2016-2018)

Tutor and Co-Tutor of PhD students; external reviewer of PhD Thesis

April 2006-May 2015 Assistant Professor of Radiation Oncology

Teaching of medical students, students of the university diploma for radiology and radiotherapy technologists, residents of the Specialization School in Radiation Oncology, Nuclear Medicine, etc.

2001-2006 Lecturer in Radiobiology and Radioprotection for Radiology and Radiotherapy technologists

Medical University of Gdansk, Poland

1992-1996 **Pre-graduate teaching** in Oncology for the Medicine and Odontology students (210 hours/academic year - seminars and clinical exercises)

OTHER TEACHING EXPERIENCES

Numerous educational courses or up-date courses, masterclasses, and webinar organized by or in collaboration with:

European SocieTy for Radiotherapy and Oncology (ESTRO)

2019-ongoing **Course Director** of “Evidence Based Radiation Oncology, Methodological basis and Clinical Application” (annual courses)

2018-ongoing **Course Director** of “Combined Drug Radiation Treatment” (annual courses)

2008-2017 **Lecturer** at “Combined Drug Radiation Treatment” (annual courses)

2005-2015 **Lecturer** at “Evidence Based Radiation Oncology, Methodological basis and Clinical Application” (annual courses)

2002 **Lecturer** at “Pre-Meeting Teaching Course on chemoradiotherapy in oncology”

European School of Oncology (ESO)

2025-2027 **Member of the Multidisciplinary Scientific Council, MSC**

2023 **Scientific Director** of the Certificate of Advanced Studies in Prostate Cancer (CAS-Pr) - Module 3

2022-ongoing **Mentor** within the **College of the European School of Oncology (ESCO) mentorship program**

Masterclasses and presentations for ESO courses and webinars, such as:

2021-2022 **Lecturer** in **ESO MASTERCLASS CCB4** - Certificate of Competence in Breast Cancer organized by ESO-ULM University

2019-2020 **Lecturer** in **ESO MASTERCLASS CCB3** - Certificate of Competence in Breast Cancer organized by ESO-ULM University

2005-ongoing Mentor within the **Society for Women in Radiation Oncology (SWRO) mentorship program**

Teaching lectures and abstract reviews during numerous international and national oncology conferences (ESTRO, AIRO, SIURO, AIOM, EAU, etc.)

Lecturer at several editions of the Program of the Continuous Medical Education at the European Institute of Oncology, IEO and editions of the courses for general practitioners.

MEMBERSHIPS and assignments

Italian Ministry of Health

Alleanza Contro il Cancro, ACC - Member of the Radiomics working group (2019-ongoing)
Member of the Hadrontherapy and Health Assistance & Appropriateness Commission (2018)

European Institute of Oncology - IRCCS, IEO

Member of the Radiomic Board (2017-ongoing)
Member of the Uro-Oncology, Cardio-Oncology Task Forces

IEO-CCM Foundation

Vice-President of the *Scientific and Technical Committee* (2017-2020)

Italian Association of Radiotherapy and Clinical Oncology, AIRO

- Chair of the *Education Committee* (2022-2024)
- Chair of the *Scientific Committee* (2020-2021)
- Deputy Coordinator of the *Study Group "Biology and Curative Treatment of Oligometastatic Disease"* (2020-2021)
- Member of the *Scientific Commission* (2016-2017 and 2018-2019)
- Member of the *Board of Directors* (2015-2016 and 2016-2017)
- Coordinator of the *Guidelines Task-Force* for prostate and bladder cancer (2015-2017)
- Coordinator of the Uro-oncology Working Group (2011-2012)
- Board member of the *Ablative treatments for non oncological indications* Working Group (2023-ongoing)

Italian Society of Urologic Oncology, SIUrO

Member of the *Scientific Committee* (2018-ongoing)

Italian Association of Radio Biology, AIRB

Member of the *Radiomics Focus Team* (2019-ongoing)

EuropaUomo Italia Onlus, Milan, Italy

Member of the *Scientific Committee* (2017-ongoing) and responsible for the "Radiotherapy area" as qualified expert

Committee of Radiotherapy Directors, Lombardy, Italy - CODRAL

Member of the *Council* (2015-2020)

Member of the following Commissions: Census of Radiotherapy Facilities; Digital Data Network; Innovation.

European SocieTy for Radiotherapy and Oncology, ESTRO

- President Elect (mandate 2026-2027)
- Director of ESTRO Courses (2013-ongoing)
- Teacher of ESTRO Courses (2006-ongoing)
- Chair of ESTRO National Societies Committee (2017-2024)
- Member of Task Forces "National Impact and Legacy" and "Marie Curie Legacy Project" presented to EU (2018)
- Member of Stakeholders Council (2017)
- Past Member of ESTRO Clinical Committee (2008-2012)
- Past Member of ESTRO Education and Training Committee (2009-2016)
- Member of the European Prostate Cancer Centres of Excellence Accreditation Board (2019-ongoing)
- Observer in ESTRO Guidelines Committee (2022-2024)

American Society of Clinical Oncology ASCO (2025)

Member

European School of Oncology, ESO

Member of the *Multidisciplinary Scientific Council, MSC* (2025-2027)
Faculty member of the *College of the European School of Oncology* (2021- ongoing)
Mentor within *ESCO Mentorship Program* (2022-ongoing)
Chair of Certificate of Advanced Studies in Prostate Cancer CAS-Pr (2025-2026)

European Organisation for Research and Treatment of Cancer, EORTC

Member of the EORTC/ESTRO ReCare Steering Committee (2025-ongoing)
Member of the *Imaging Group* (2020)
Member of the Genito-urinary Group Group (2022-ongoing)

Member of the **European Alliance for Personalised Medicine** (2023-ongoing)
Participation in the EU Expert Panel on identifying viable solutions for the uptake of NGS/advanced molecular diagnostics and RWE at the country level

Member of the **Union for International Cancer Control, UICC** (2023-ongoing)
Participation in the Experts Focus Group on prostate cancer

European Network of Cancer Registries (ENCR)
ESTRO expert (2023-ongoing)

Member of the **IBA PT Clinical Advisory Committee** (2022-ongoing)

Member of the **Global Coalition for Radiotherapy, GCR** (2020-ongoing)

Panelist of the **Advanced Prostate Cancer Consensus Conference, APCCC** (2019-ongoing)

Member of the **Advisory Board on Cancer, Infertility and Pregnancy, ABCIP** (2024-ongoing)

Member of the **Advisory Board Interact Europe 100** (2024-ongoing)

Member of the Scientific committee and advisory board of Cancer Patients Europe, CPE (2025 – ongoing)

Member of the platform **Genolier Innovation Network** (2024-ongoing)

Member of Scientific Committees for the assessment of national and international projects, awards, and fellowships, such as:

PROSTATE CANCER UK, Member of the Scientific Committee for "Major Awards call into Curative Treatments" (2020-2021)

Dutch Cancer Foundation, KWF, evaluator of Dutch projects (2016-2022)

Premio Erminio Borloni, Italy (2019-ongoing)

Swiss National Science Foundation (2023)

French National Cancer Institute (INCa) (2022-ongoing)

Ecancer

Member of the *Advisory panel* (until 2018)

Editorial boards

ecancermedicalscience (2017-2020)

Reports of *Practical Oncology and Radiotherapy* (2008-2014)

Oncologia Europea (2001-2005)

Ad hoc **peer reviewer** in numerous journals including:

Lancet Oncology, Public Library of Science (PLOS), Nature Reviews Urology, Urology, Clinical and Translational Radiation Oncology, Radiotherapy and Oncology, International Journal of Radiation Oncology, Biology, Physics, Frontiers in Oncology, The British Journal of Radiology, ecancermedicalscience, Acta Oncologica, Critical Reviews Oncology and Hematology, Reports of Practical Oncology and Radiotherapy, Neoplasma, Scientific Report.

AWARDS

Full Professor (title awarded by the President of Poland 2024) for outstanding scientific achievements and research contributions

Recti Eques Award (Paladino Italiano della Salute, 2022) – Recognition for excellence in healthcare promotion and public health protection – For ensuring safe radiotherapy during COVID-19, awarded by the LIBER Cultural Association and RDE Publishing. 2022

Ambassador of the Medical University of Gdansk, Poland (2019-)

Awards of the Rector of the Medical University of Gdansk, Poland for oncology research (1999-2003)

MOTHER TONGUE **POLISH**

OTHER LANGUAGES **ITALIAN**

• Reading, writing and verbal skills EXCELLENT

OTHER LANGUAGES **ENGLISH**

• Reading, writing and verbal skills EXCELLENT

*According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016,
I hereby express my consent to I process and use my personal data provided in this CV.*

Milan, 17th November 2025

