

PROF. STEFANO MARIA MAGRINI

CURRICULUM VITAE

Studies

Prof. Stefano M. Magrini graduated in Medicine in 1978 at the Florence University, cum laude, and became a specialist in Radiology (including Radiotherapy) in 1982 (Florence University) and in Oncology (1986, Padua University). In each of these occasions he discussed a thesis based on an original clinical research work. He obtained the National Board Certification allowing to become Director of a Radiotherapy Department in 1987 (with a score of 100/100). As far as postgraduate studies are concerned, he participated to many courses, meetings and also to "stages" in Italy and abroad, always regarding radiation oncology and clinical oncology in general (Institut Gustave-Roussy, Paris, 1983; Lund University, Sweden, 1985; Royal Marsden Hospital and Institute of Cancer Research, London, 1985-86; Children's Cancer Research Center of the Children's Hospital di Philadelphia, USA, 1988). As far as his studies of the fundamentals of clinical research are concerned, he participated to the "Course on Survival Analysis for clinical controlled trials and in observational studies" organized by the Biometric Society (Florence, 1992).

Professional Activity

He served as a Radiologist at the Istituto di Ricovero e Cura a Carattere Scientifico "I.N.R.C.A.", Florence (1980-1983); since then and up to 1993 he worked as radiation oncologist at the Radiation Oncology Department of Florence, and was appointed as Senior Physician in 1993; since then he was in charge of the Treatment Area until 1998, when he was appointed Associate Professor of Radiotherapy at the Brescia University. Since 1999 he is in charge of the Radiation Oncology Department of the Spedali Civili Hospital of Brescia (Istituto del Radio "O. Alberti"), an oncological Institution treating about 2000 new patients/year, equipped with five Linear Accelerators. Since 2000 he is in charge of the Oncological Department of the Province of Brescia. Since 2002 he is Full Professor of Radiation Oncology at the Brescia University. He is the Chair of the School of Specialty in Radiation Oncology of the Brescia University. From March 2009 until October 2010, on temporary leave from the Brescia University, he worked as Director of the Prato Radiotherapy Department, in Tuscany, that he contributed to plan and organize.

Teaching Activities

Prof. Magrini was a teacher at the Florence Schools for Radiographers (1979-87). Since 1990, he was teacher in clinical oncology, in Italy, for general practitioners and specialists (lessons, courses, seminars organized by Hospitals -Florence, Brescia, Mantua, Cremona, etc-, Research Institutes - National Cancer Institute, Milan-, Scientific Societies -Italian Societies of Radiation Oncology and of Medical Radiology-. He was lecturer at international Courses (Postgraduate course in Radiation Oncology, organized by the Universities of Florence, Paris and Barcelona -1988; Courses on

Lymphomas of the European School of Oncology, Israel, 1992 and Lugano, 1993). From 1988 through 1998 he was teacher at the Schools of Radiation Oncology and Radiology of the Universities of Florence and Siena. Since 1998 he is professor of Radiation Oncology at the Brescia University School of Medicine. He is the Chair of the School of Specialization in Radiation Oncology of the Brescia University. He has teaching appointments among the Schools of Specialization in Radiology, Urology, Gynecology, Internal Medicine, Orthopedic Surgery among the same University. He teaches Radiotherapy at the School for Radiographers and taught Radiation protection at the same School and among that for Nurses of the Brescia University. He organized many teaching activities for medical students, general practitioners, specialists: among them , the Courses "Introduction to the molecular biology of cancer", "Quality assurance in radiotherapy" e "New trends in the management of non Hodgkin lymphomas" (Firenze, 1990) under the aegis of the European Society for Therapeutic Radiology and Oncology (ESTRO), a Meeting on Prostate cancer (Brescia University, 2001) He co-authored the last two editions (2012, 2019) of the ESTRO Core Curriculum for Radiation Oncology trainees.

From 2013 up to 2019 has served as President of the School of Medicine of the Brescia University.

Scientific activity

He authored over 300 scientific publications, over 180 indexed on Scopus and PubMed.

In 1985 he was the recipient of a grant from the "Second International Cancer Conference" for research activity to be done at the Royal Marsden Hospital (London), where he remained 6 months, working at a research project on lung cancer. He participated to the draft and to the realization of local Research Projects in Radiation Oncology funded by the Florence University in the years 1985-86, 1988, 1989, 1990, 1991, 1992, 1993, 1995, 1996, 1997; in the years 1998 through 2020 he was responsible for Research Projects in Radiation Oncology funded by the Brescia University. He also participated to the draft and to the realization of Research Projects in Radiation Oncology funded by the National Research Council in the years 1990, 1992, 1993, 1996 ("Comparison of different systems of treatment planning and telematic networks..."), 1997 ("Integrated imaging in oncology and its exploitation with the new technologies for the radiotherapeutic treatment planning...") and by the Tuscany Regional Council (Illrd Applied Research Program, 1994). He was then involved in a Research program funded by the Euratom, on second malignancies after radio- and chemotherapy. He was also in charge, for the Brescia University Unit, of the EEC funded Research Project "EUTIST-AMI" (ex-"MOWGLI": "Managing the patients process flow throughout medical imaging devices and referring physicians in paper/film-less hospitals", 2001). He was in charge of the Brescia University Unit of the Research Project co-funded by the Italian Ministry for Research and University -MIUR- (PRIN: Research Projects of Relevant National Interest) in 2001, entitled "Clinical results after surgery and radiotherapy in patients with malignant gliomas; role of the morphologic and functional characterization of the target volume and of its definition through image fusion in the radiotherapeutic treatment planning process" (National Coordinator: Prof. R. Santoni, University of Rome – Tor Vergata). He was National Coordinator of another MIUR Research Project (PRIN 2007) on the "Evaluation of tumor response with biologic, immunologic and functional imaging parameters". During the last years, he contributed to international controlled trials in the fields of translational research (e.g. on radiosensitizers, brain tumors, prostate, head and neck cancer, etc.).

He is member of the Scientific Committee of a National multicentric prospective trial ("ProsIT") run under the aegis of the CNR (National Research Council), that recruited over 1500 prostate cancer patients, to address clinical questions regarding quality of life, treatment tolerability, comorbidity after surgery, radiotherapy and systemic therapy.

Prof. Magrini has been a member of the organizing committee of the X Congress of the Radiation Oncology Section of the Italian Society of Medical Radiology and Nuclear Medicine and of the IX Congress of the European Society for Therapeutic Radiology and Oncology (Montecatini, 1990) and chaired a series of yearly International Meetings in Radiation Oncology at the Brescia University since 2008.

He authored or acted as an external reviewer of guidelines for the treatment of several tumors of the Associazione Italiana di Radioterapia Oncologica (poi Associazione Italiana di Radioterapia e Oncologia): prostate cancer, bladder cancer, brain tumors.

He is or has been member of the following Scientific Societies:

- Associazione Italiana di Radioterapia Oncologica;
- Associazione Italiana di Radiobiologia Medica;
- European Society of Therapeutic Radiology and Oncology;
- American Society for Therapeutic Radiology and Oncology;
- Associazione Italiana di Oncologia Medica;
- Forza Operativa Nazionale Italiana contro il Cancro del Polmone;
- Associazione Italiana di Neurooncologia.

He has been elected in the Board of the Italian Society for Radiation Oncology in the years 2009-2011 and in the Board of the European Society for Radiation Oncology in the same period.

He has been (2018-2019) President of the Italian Society of Radiation oncology (AIRO).

His scientific interests include:

1. Treatment of prostate cancer;
2. Translational research;
3. The cost/benefit ratio in oncology;
4. New technologies in radiotherapy;
5. Combined modality treatment of head and neck cancer;
6. Natural history and treatment of malignant lymphomas;
7. Patterns of care and results of the treatment of malignant gliomas;
8. Natural history and treatment of bladder tumors.