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CV of Fabiola Paiar



Affiliation

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Education and training

Laurea in Medicine and Surgery, at the University of Florence

Radiation Oncologist and Medical Oncologist

Work experiences (a list of no more than 10 lines)

- Associate Professor of Radiation Oncology at the Department of translational research and new technologies in medicine, University of Pisa.
- Director of the Radiation Oncology Postgraduate School, University of Pisa.

Teaching activities

Current (2016-2021)

Instructor of the following courses:

- 1) radiation therapy (Medical School University of Pisa);
- 2) diagnostic imaging and radiation therapy (Dentistry and Prosthodontics School University of Pisa);
- 3) radiation therapy for thoracic tumors (Postgraduate School of Thoracic Surgery, University of Pisa);
- 4) Clinical cases in radiation therapy , external beam radiation therapy techniques, brachytherapy,

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Radiation-Drug Combinations (Radiation Oncology Postgraduate School, University of Pisa.)

- 5) radiation therapy (Medical Oncology Postgraduate School, University of Pisa).
- 6) advanced techniques of radiotherapy (Bachelor's Degree for Medical Radiology and Radiotherapy Technicians).

Research activity

Research activity mainly focused on the following research topics:

1. Conformal Radiation Therapy and advanced radiation therapy techniques;
2. Tissue characterization and evaluation of late effects of RT;
3. Computers in Radiation therapy, computerized clinical records;
4. Biomarkers in radiation therapy;
5. Head and Neck cancers;
6. SNC tumours;
7. Breast cancers;
8. Soft tissues sarcomas.

Research project participation and leadership:

- Co-investigator in an athenaeum projects search (PRA) entitled biomarkers of anti EGFR inhibitors in metastatic colon-rectal cancer.
- Researcher in the project entitled "Nanotechnology for tumor molecular fingerprinting and early diagnosis" financed by Fondazione Pisa (2017).
- Principal Investigator in the Study entitled "LIBIOP" liquid biopsy in patient with oligometastatic prostate cancer treated with radiotherapy stereotaxic (PORs FSE 2014-2020).
- Collaboration in Italian Association for Cancer Research (AIRC) "Call for Proposals 2017" IG 2017 Study named Oligometastatic and Oligorecurrent Prostate Cancer: enhancing patients' selection by new imaging biomarkers.
- Collaboration in the study PRIMAGE (PRedictive In-silico Multiscale Analytics to support cancer personalized diagnosis and prognosis, Empowered by imaging biomarkers) financed by the European Union through Horizon 2020.
- Co-investigator in an athenaeum projects search (PRA) entitled biomarkers of antiEGFR inhibitors in metastatic colon-rectal cancer.
- Researcher in Italian Association for Cancer Research (AIRC) project entitled "Endothelial Progenitor Adoptive transfer to treat melanoma and breast cancer by nano-photothermal and radiation therapy".
- Member of the research group of the project entitled " CHAIMELEON Accelerating the lab to market transition of AI tools for cancer management" financed by the European Union .
- Member of the research group of the project entitled "EuCanImage "A European Cancer Image Platform Linked to Biological and Health Data for Next-Generation Artificial Intelligence and Precision Medicine in Oncology" financed by the European Union;
- Member of the research group of the project entitled Procancer-I An AI Platform integrating imaging data and models, supporting precision care through prostate cancer's continuum" financed by the European Union.
- Member of the research group of the project entitled NAVIGATOR "An Imaging Biobank to Precisely Prevent and Predict cancer, and facilitate the Participation of oncologic patients to Diagnosis and Treatment" financed by Regione Toscana (Bando Ricerca Salute 2018);

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A list of the most significant international publications can be found at:

- On the system www.scopus.com:
 - <https://www.scopus.com/authid/detail.uri?authorId=8596019700>
- On the system arpi.unipi.it:
 - https://arpi.unipi.it/simple-search?query=paiaar&location=&sort_by=score&order=desc&rpp=10&etal=0&filtername=author&filterquery=rp27374&filtertype=authority#.YCVNLSRKhPY