



## The Role of Radiation in Cancer Treatment: New Insights towards Personalized Therapies

Guest Editors:

**Dr. Luigi Minafra**

National Research Council (CNR),  
Institute of Bioimaging and  
Molecular Physiology (IBFM),  
Cefalù, PA, Italy

**Dr. Francesco Paolo  
Cammarata**

National Research Council (CNR),  
Institute of Bioimaging and  
Molecular Physiology (IBFM),  
Cefalù, PA, Italy

**Dr. Marco Calvaruso**

National Research Council (CNR),  
Institute of Bioimaging and  
Molecular Physiology (IBFM),  
Cefalù, PA, Italy

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### Message from the Guest Editors

Dear Colleagues,

At present, radiation therapy (RT) remains an essential component of multimodality approaches for the treatment of many types of cancer, and one of the most effective cancer therapies. Currently, clinical practice still offers standard RT protocols for patients with cancer affecting the same organ, without considering the molecular profile and the tumoral histotype, which may affect the RT outcome. Unfortunately, RT does not always lead to therapeutic benefits, due to distant metastatic spread and local recurrence, which induce radioresistance. Indeed, tumor radiosensitivity depends on many factors, some of which are linked to the clinical state and genetic background of the patient. This Special Issue aims to provide new insights into the role of RT in different types of cancer in order to develop personalized therapies, and it will also highlight the use of combined approaches with new targeted agents. Other topics of interest to this Special Issue will be the discovery and analysis of radioresponse biomarkers reported by different in vitro, in vivo, or clinical studies.

Dr. Luigi Minafra

Dr. Francesco Paolo Cammarata

Dr. Marco Calvaruso

*Guest Editors*





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## Editor-in-Chief

### Prof. Dr. David Alan Rizzieri

1. Novant Health Cancer  
Institute, Winston-Salem, NC  
27103, USA  
2. Division of Hematologic  
Malignancies and Cellular  
Therapy, Duke University,  
Durham, NC 27710, USA

## Message from the Editor-in-Chief

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## Contact Us

*Journal of Personalized Medicine*  
Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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