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# Radiation Therapy for Breast Cancer: Recent Advances and Challenges

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### Message from the Guest Editor

In recent years, new technological developments have been applied in breast irradiation aiming at reducing the doses to organs at risk while maintaining optimal doses to the breast and lymph node bearing areas. Axillary irradiation has become an alternative to surgery in many patients with positive sentinel lymph nodes, in the context of surgical de-escalation. In selected patients, hypofractionation with increased dose per fraction and decreased irradiated volume has allowed the development of partial breast irradiation as an alternative to standard radiotherapy, resulting in reduced costs and increased quality of life. Research in the field of individual patients' radiosensitivity will hopefully provide a better selection of irradiation schemes adapted individually to each patient.

All these advances and challenges will be addressed in our Special Issue, which will provide answers to many pending questions in the new era of breast cancer radiotherapy.









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# **Editor-in-Chief**

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## Message from the Editor-in-Chief

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