

## Special Issue

# Frailty in Pediatric and Young Adult Cancer Survivors: From Bench to Bedside

### Message from the Guest Editor

The childhood cancer survivors are at increased risk for frailty. Frailty phenotype identifies individuals who are highly vulnerable to adverse health outcomes, often precedes the onset of chronic disease and is a predictor of early mortality. In elderly, frailty is influenced by lifestyle and genetics, while in young adult survivors of cancer, reduction in physiologic reserve is more likely related to organ systems damage following treatments. Frailty pathogenesis can be partially explained by an imbalance between pro-inflammation and anti-inflammation, which results in inflamm-aging with a low chronic pro-inflammatory status. This Special Issue will highlight the biological mechanisms driving the development of age-related morbidities (like as osteoporosis, obesity, infertility, cardiovascular diseases) in childhood cancer survivors, to facilitate the identification of the early frailty markers needed to prevent this process.

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### Guest Editor

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### Deadline for manuscript submissions

closed (10 October 2022)



## Cancers

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## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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### Editor-in-Chief

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