

Special Issue

Cancer Treatment Regimen-Related Oral Mucosal Injury: Pathogenesis and Therapeutic Opportunities

Message from the Guest Editor

As we all know, the oral mucosa has been a consistent target for collateral damage associated with almost all forms of cancer therapy. The negative outcomes associated with regimen-related mucositis and stomatitis are associated with a significant symptom burden, the inability of patients to tolerate optimum anti-cancer therapy, and higher healthcare resource use and costs. Improved understanding of the pathobiology leading to oral mucosal injury continues to evolve, although there is still much to be learned. This is true, not only of mucositis associated with conventional cytotoxic therapies, but is also increasingly important for targeted and immunotherapies. The anatomic and environmental diversity of the mouth—including multiple epithelia, hard tissue, microbiome, and fluidics—provides a platform for this. This Special Issue aims to highlight current knowledge of mucositis/stomatitis pathogenesis and pathobiology, discuss critical gaps in knowledge and how they may be most effectively studied, and provide conceptual application of the underlying science to the development of potential interventional strategies.

Guest Editor

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