

Special Issue

The Roles of Mesenchymal Stromal or Stem Cells in Cancer Therapy

Message from the Guest Editors

The promising therapeutic value of mesenchymal stromal/stem cells (MSCs) and their secretome in many diseases, including cancer, has inspired many studies investigating their properties and behaviour. MSCs, which can be sourced from many tissues, are multipotent cells. They are recruited to tumour sites, in which they display pleiotropic behaviour, including modulation of immune responses and inflammation. MSCs also participate in tissue repair and regeneration. Thus, they are considered key in tissue regeneration and as potential delivery vehicles for anti-cancer therapy. Additionally, MSCs at tumour sites initiate immune responses, which demonstrate both pro- and anti-tumorigenic effects. As such, a deeper understanding of their role in tissue regeneration, tumorigenesis and cancer treatment is required. This Special Issue will present recent advances in our knowledge on MSC and its secretome in tissue regeneration, tumorigenesis and cancer therapy. Original research articles and reviews are welcome.

Guest Editors

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