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Stem Cell Transplantation in Hematologic Malignancies

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Message from the Guest Editor

Stem cell transplantation is a “trusted and true” procedure that is widely employed in clinical medicine to treat malignant as well as nonmalignant diseases. High-dose therapy followed by autologous stem cell transplantation remained a mainstay as consolidation therapy for lymphoproliferative diseases, and was the state-of-the-art in multiple myeloma. But chimeric antigen receptor T-cell therapy has a more important role in myeloproliferative and autoimmune diseases. Allogeneic stem cell transplantation provides the advantage of a graft-versus-tumor effect. Recent developments in prophylaxis and therapy for graft-versus-host disease resulted in a much-reduced transplant-related morbidity and mortality. Transplantation once was thought to be a one-shot therapeutical approach; nowadays, the field has turned towards accepting the role of post-transplant consolidation and maintenance therapies. Recently, the transdifferentiation ability of hematopoietic stem cells is being increasingly used in regenerative medicine trials. The Special Issue welcomes manuscripts from all areas of hemopoietic transplantations and related procedures.



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Special Issue



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Message from the Editor-in-Chief

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