

RECENT ADVANCES IN BONE MARROW TRANSPLANTATION

**Proceedings of the UCLA Symposia Conference
Held in Park City, Utah, March 13-18, 1983**

Editor

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Preface

The biology and clinical use of bone marrow transplantation has progressed remarkably over the past decade. More than 3000 individuals have now received transplants at over 40 transplant centers throughout the world. In the 1970s our concern was whether transplantation could reproducibly succeed in man. In the 1980s, it is clear that transplantation is an effective treatment of diseases such as aplastic anemia, severe immune deficiency, and certain forms of leukemia.

What are the remaining challenges to investigators in this field? Having further defined some of the important issues such as graft-versus-host disease, interstitial pneumonia, and immune deficiency, we must develop innovative and effective approaches to these problems. We also need to precisely identify those individuals most likely to benefit from bone marrow transplantation, as well as to consider how to expand transplantation to individuals who lack what is currently considered a suitable donor. Finally, we need to consider new applications of bone marrow transplantation such as the correction of genetic disorders and the treatment of cancer.

There has been considerable progress in several of these areas in the three years since the last UCLA Symposia on the biology of bone marrow transplantation. This volume summarizes the proceedings of the UCLA Symposia Conference "Recent Advances in Bone Marrow Transplantation" held in Park City, Utah, on 13-18 March 1983. At this symposium, we asked the participants to critically review recent clinical data and to analyze, in depth, remaining problems and potential approaches to them. I hope this volume will serve as a comprehensive update of the current state of bone marrow transplantation in man as well as a reference point for future basic and clinical investigations.

Many individuals helped with the planning of this meeting. I am particularly grateful to the members of the Scientific Advisory Committee, including Drs. B. Chabner, R. Champlin, W. DeWys, J. Kersey, G. Santos, R. Storb, and E.D. Thomas, and to the staff of the UCLA Symposia, S. Malone, R. Harwood, and M. Malone.

Symposium proceedings rarely have a dedication. I should like to make an exception and dedicate this proceedings volume to our patients whose courage and trust is an inspiration to all of us and demands of us a maximum effort to find more effective ways of helping them.

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