

## Preface

Monoclonal antibodies (Mabs) are among the most investigated and most commonly produced proteins from animal cells. Large-scale production of Mabs is now possible by various techniques. This volume, the eleventh in the series *Advances in Biotechnological Processes*, is devoted to analysis of the production methods and the broad range of applications of Mabs in the diagnosis and treatment of human and animal diseases, especially cancer.

The first seven chapters of **Monoclonal Antibodies: Production and Application** examine the wide variety of equipment and procedures available for isolation, purification, and large-scale production of monoclonal antibodies. The balance of the book details their specific applications in the diagnosis of immunologic diseases and various forms of cancer. In addition, several therapeutic applications are described, including administration of purified Mabs as antitumor agents and the linkage of Mabs and toxins into conjugates for the treatment of cancer.

Scientists in basic research and teaching will share an interest with physicians and industrial researchers in this fascinating area of cell purification and production for clinical application.

We acknowledge Dr. Nava Epstein for her advice in the preparation of this volume.

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