
Preface

Cell Cycle Control and Dysregulation Protocols focuses on emerging methodologies for studying the cell cycle, kinases, and kinase inhibitors. It addresses the issue of gene expression in vivo and in vitro, the analysis of cyclin-dependent kinase inhibitors, protein degradation mediated by the proteasome, the analysis of the transformed cell phenotype, and innovative techniques to detect apoptosis. Because there are already many manuals and protocols available, along with commercial kits and reagents, a variety of the more common techniques have not been included in our book.

The protocols described, based on rather sophisticated techniques for in vivo and in vitro studies, consist of molecular biology, biochemistry, and various types of immunoassays. Indeed, the authors have successfully accomplished an arduous task by presenting several topics in the simplest possible manner.

We are confident that *Cell Cycle Control and Dysregulation Protocols* will facilitate and optimize the work of practical scientists involved in researching the cell cycle. We greatly acknowledge the extraordinary contribution of the authors in writing this book.

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