
Preface

Microfluidic Techniques highlights recent advances in microfluidic techniques for biological applications. The first section of the book contains chapters that focus on the most popular techniques for fabrication of microchips (photolithography, laser ablation, and soft lithography), while the remaining chapters will focus on microfluidic techniques for bioanalytical assays and bioprocesses, such as DNA analysis, PCR, immunoassays, and cell reactors.

The chapters found here should provide molecular biologists and biochemists with the state-of-the-art technical information required to perform readily reproducible microscale bioassays and bioprocessing in the laboratory.

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