

Preface

This book is a collection of manuscripts from twenty internationally renowned experts in the field of biochip technology. It covers a wide range of topics in the area of biochips, including microarray technology and its applications, microfluidics, drug discovery, surface chemistry, lab-on-chip technology, and bioinformatics. The idea for publishing this book came from International Forum on Biochip Technologies 2002 (IFBT 2002), the second time IFBT was held in Beijing. More than 300 scientists in the area of biochip technologies attended the forum to communicate their updated research results and discuss the development of biochip technologies. After the forum, twenty experts attending the forum from both academia and industry were invited to prepare manuscripts for this book. The authors not only describe their latest research, but they also discuss the current trends in biochip technology. We believe that both researchers in the field of life sciences and professionals in the field of biochips will benefit from this book. The collected papers from IFBT 2000 were published by Springer in a book entitled *Biochips: Technology and Applications*. Readers are encouraged to read these two books and witness the progress of biochip technologies.

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