

Lab-on-Chips for Cellomics

Micro and Nanotechnologies for Life Science

Helene Andersson and Albert van den Berg (Eds.)

The convergence of life sciences and micro/nanotechnologies is one of fastest growing modern R&D areas with an enormous potential societal impact. Microfluidics or Lab-on-Chip (LOC) devices, also dubbed BioMEMS, are a fascinating example of this combination of two scientific areas. This book, which is the first volume entirely dedicated to microfabricated cell-based systems, will provide readers with a quick introduction to the field as well as with a variety of specific examples of such Lab-on-Chip systems for cellomics applications. It will give investigators inspiration for innovative research topics, whereas end users will be surprised about the wide variety of new and exciting applications.

ISBN 1-4020-2860-1

