**DESCRIPTION**

Microfluidics has numerous potential applications in biotechnology, pharmaceuticals, the life sciences, defense, public health, and agriculture. This book details recent advances in the biological applications of microfluidics, including cell sorting, DNA sequencing on-a-chip, microchip capillary electrophoresis, and synthesis on a microfluidic format. It covers microfabricated LOC technologies, advanced microfluidic tools, microfluidic culture platforms for stem cell and neuroscience research, and more. This is an all-in-one, hands-on resource for analytical chemists and researchers and an excellent text for students.

**ABOUT THE AUTHOR**

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