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Altri autori (Persone)	BontouxNathalie DauphinotLuce PotierMarie-Claude
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Sommario/riassunto	This unique introduction to the growing field of microfluidics applied to genomics provides an overview of the latest technologies and emphasizes its potential in answering important biological questions. Written by a physicist and a biologist, it offers a more comprehensive view than the previous literature. The book starts with key ideas in molecular biology, developmental biology and microtechnology before going on to cover the specifics of single cell analysis and microfluidic devices for single cell molecular analysis. Review chapters discuss the state-of-the art and will prove invaluable.