

1. Record Nr.	UNINA9910254186303321
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Titolo	Novel Polymeric Biochips for Enhanced Detection of Infectious Diseases // by Samira Hosseini, Fatimah Ibrahim
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-10-0107-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (63 p.)
Collana	SpringerBriefs in Forensic and Medical Bioinformatics, , 2196-8845
Disciplina	620
Soggetti	Biomedical engineering Polymers Infectious diseases Biotechnology Microarrays Biomedical Engineering and Bioengineering Polymer Sciences Infectious Diseases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Current optical biosensors in clinical practice -- Alternative chemical approach -- Biochips Fabrication and surface characterization -- Application of the biochips in dengue virus detection -- Summary -- Appendix.
Sommario/riassunto	This book focuses on the creation and development of polymeric platforms (different compositions) from a specific polymer system. This system can be used as an adaptive technique for producing sensitive analytical devices, or for simple integration into existing bioanalytical tools in order to enhance the detection signal.