



Biosensors Based on Aptamers and Enzymes [

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Biochemical engineering

Biochemistry

Chemistry

Analytical

biochemistry

Biochemical Engineering

Biochemistry, general

Electrochemistry

Analytical Chemistry

Monografía

Frieder W. Scheller, Aysu Yarman, Till Bachmann, Thomas Hirsch, Stefan Kubick, Reinhard Renneberg, Soeren Schumacher, Ulla Wollenberger, Carsten Teller and Frank F. Bier Future of Biosensors: A Personal View Yeon Seok Kim and Man Bock Gu Advances in Aptamer Screening and Small Molecule Aptasensors Pui Sai Lau and Yingfu Li Exploration of Structure-Switching in the Design of Aptamer Biosensors Yu Xiang, Peiwen Wu, Li Huey Tan and Yi Lu DNAzyme-Functionalized Gold Nanoparticles for Biosensing Maren Lönne, Guohong Zhu, Frank Stahl and Johanna-Gabriela Walter Aptamer-Modified Nanoparticles as Biosensors Mahmoud Labib and Maxim V. Berezovski Electrochemical Aptasensors for Microbial and Viral Pathogens Koichi Abe, Wataru Yoshida and Kazunori Ikebukuro Electrochemical Biosensors Using Aptamers for Theranostics Butaek Lim and Young-Pil Kim Enzymatic Glucose Biosensors Based on Nanomaterials Yong Duk Han, Yo Han Jang and Hyun C. Yoon Cascadic Multienzyme Reaction-Based Electrochemical Biosensors Sven C. Feifel, Andreas Kapp and Fred Lisdat Protein Multilayer Architectures on Electrodes for Analyte Detection Fabiana Arduini and Aziz Amine Biosensors Based on Enzyme Inhibition

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