



A novel, biosensor-chip for real-time monitoring of bacterial spoilage

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Condition: New. Publisher/Verlag: AV Akademikerverlag | Application in food industry and healthcare | Monitoring of safety and nutritional quality of food, and sterility of various medical products is very important for everyday protection of human health. Biosensors are considered to be a revolutionary tool in combating, in some cases even life treating, medical complications as consequence of food poisoning. Most of the microbiological methods are very expensive, demanding and time-consuming. Having a biosensor chip, that would give the signal in presence of microbial pathogens in food (fresh, canned or vacuumed) or in pharmaceutical product within a short period of time (few minutes or few hours), would be of great advantage over currently used microbiological testing methods. Here we present a polymer-based biosensor-chip for monitoring of bacterial contamination in different test samples in real-time, that is simple in its setup and of low costs. | Format: Paperback | Language/Sprache: english | 120 pp.



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