

When bacteria attach to and colonise the surfaces of food processing equipment and foods products themselves, there is a risk that biofilms may form. Human pathogens in biofilms can be harder to remove than free microorganisms and may therefore pose a more significant food safety risk. Biofilms in the food and beverage industries reviews the formation of biofilms in these sectors and best practices for their control. The first part of the book considers fundamental aspects such as molecular mechanisms of biofilm formation by food-associated bacteria and methods for biofilm imaging, quantification and monitoring. Part two then reviews biofilm formation by different microorganisms. Chapters in Part three focus on significant issues related to biofilm prevention and removal. Contributions on biofilms in particular food industry sectors, such as dairy and red meat processing and fresh produce, complete the collection. With its distinguished editors and international team of contributors, Biofilms in the food and beverage industries is a highly beneficial reference for microbiologists and those in industry responsible for food safety. Considers fundamental aspects concerning the ecology and characteristics of biofilms and considers methods for their detection Examines biofilm formation by different micro-organisms such as salmonella and food spoilage Discusses specific issues related to biofilm prevention and removal, such as cleaning and sanitation of food contact surfaces and food processing equipment

Gikovate alem do diva: Autobiografia (Portuguese Edition), Wildclown Hijacked (Wildclown Mysteries Book 2), Ten Packs: A Return to Ravnica Draft Strategy Guide, Crab Apple, Leviticus As Literature, Have You Seen My Ummm...Memory?: Coping with Memory Loss, Ready for School (Flash Kids Flash Cards), Cryptographic Hardware and Embedded Systems - CHES 2000: Second International Workshop Worcester, MA, USA, August 17-18, 2000 Proceedings (Lecture Notes in Computer Science), The Organic Organisation: Freedom, Creativity and the Search for Fulfilment (Think Media: Egs Media Philosophy),

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