Record Nr. UNINA9910806293803321 Biofilms in the food environment / / editors, Hans Blaschek, Hua H. **Titolo** Wang, Meredith E. Agle Pubbl/distr/stampa Ames, Iowa, : Blackwell Pub., : IFT Press, 2007 **ISBN** 1-282-11235-X 9786612112355 0-470-27778-5 1-61583-199-1 0-470-27649-5 Edizione [1st ed.] Descrizione fisica 1 online resource (210 p.) Institute of Food Technologists Series Collana Altri autori (Persone) BlaschekHans P WangHua H <1965-> (Hua Helen) AgleMeredith E Disciplina 579/.17 Soggetti **Biofilms** Food - Microbiology Food - Safety measures 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 and index. Nota di contenuto Biofilms in the Food Environment; CONTENTS; List of Contributors; Preface; Chapter 1. Biofilms in the Food Industry; Chapter 2. Shigella: Survival on Produce and Biofilm Formation; Chapter 3. Biofilm Development by Listeria monocytogenes; Chapter 4. Inactivation of Listeria monocytogenes Biofilms using Chemical Sanitizers and Heat; Chapter 5. Mixed Culture Biofilms; Chapter 6. Prokaryote Diversity of Epithelial Mucosal Bio. Ims in the Human Digestive Tract; Chapter 7. Beneficial Bacterial Biofilms Chapter 8. Applications of Bio.Im Reactors for Production of Valueadded Products by Microbial FermentationIndex Biofilms in the Food Environment examines biofilms produced by food-Sommario/riassunto borne microorganisms, the risks associated with biofilms in the food chain, the beneficial applications of biofilms in the food environment,

> and approaches for biofilm removal to improve sanitation and safety in the food environment. Specifically, this book provides:an introduction

into the emerging and exciting field of biofilm research in the food environment a summary of advanced knowledge in medical microbiology and engineering and its applicability to food biofilm research, and