Record Nr. UNINA9910698456103321 Autore Bell C. <1946-> Titolo Listeria: A practical approach to the organism and its control in foods / / by Chris Bell, Alex Kyriakides New York, NY:,: Springer US:,: Imprint: Springer,, 1998 Pubbl/distr/stampa **ISBN** 1-4615-2191-2 Edizione [1st ed. 1998.] Descrizione fisica 1 online resource (IX, 150 p.) Collana The Practical Food Microbiology Series Disciplina 615.9/52937 Soggetti Food science Food Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references (pages [138]-143) and index. Nota di contenuto 1 Background -- Taxonomy of Listeria spp. -- Listeriosis: the illness --Sources of Listeria species -- 2 Outbreaks: causes and lessons to be learnt -- Coleslaw: Canada -- Vacherin Mont d'Or cheese: Switzerland -- Belgian pâté: UK -- Pork tonque in aspic: France -- Smoked mussels: New Zealand -- Chocolate milk: USA -- 3 Factors affecting the growth and survival of Listeria monocytogenes -- General --Temperature -- pH, water activity and other factors -- 4 Industry focus: control of Listeria monocytogenes -- Raw-milk mould-ripened soft cheese -- Cold-smoked fish -- Cooked sliced meat and pâté --Cooked ready meals -- Raw dried and fermented meats -- Processed fresh dairy desserts -- Generic control ofListeria -- 5 Industry action and reaction -- Legislation and Standards -- Guidelines --Specifications -- Monitoring for Listeria spp. and L. monocytogenes --6 Test methods -- Conventional methods -- Alternative methods -- 7 The future -- Glossary of terms -- Appendix: National centres for typing Listeria cultures -- References. Sommario/riassunto The independent investigations some 70 years ago by E. G. D. Murray and colleagues in Cambridge (UK) and J.H. H. Pirie in Johannesburg (South Mrica) resulted in the first detailed descriptions of listeriosis (in both instances in small animals), together with the isolation and

naming of Lis- teria monocytogenes. These descriptions in 1926 and 1927 show the pre- cision and care of these experimentalists, for not only did they show much skill and attention to detail but also great

insight in surmising that the consumption of contaminated food was associated with the trans- mission of listeriosis. In the words of Pirie in 1927, 'Infection can be pro- duced by subcutaneous inoculation or by feeding and it is thought that it is by feeding that the disease is spread in nature. 'These observations were largely forgotten and listeriosis was regarded as a rather obscure disease of animals and occasionally humans. However, the 1980s saw dramatic changes and the 'elevation' of Listeria to a topic of concern not only amongst microbiologists (particularly food micro- biologists) but also the general public.