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Nota di contenuto	High Pressure Processing of Foods; CONTENTS; Contributors; Foreword; Prologue; Preface; Acknowledgments; Chapter 1. Introduction to High Pressure Processing of Foods; Chapter 2. Germination of Spores of <i>Bacillus subtilis</i> by High Pressure; Chapter 3. Inactivation of <i>Bacillus cereus</i> by High Hydrostatic Pressure; Chapter 4. Inactivation of <i>Bacillus</i> Spores at Low pH and in Milk by High Pressure at Moderate Temperature; Chapter 5. Pressure and Heat Resistance of <i>Clostridium botulinum</i> and Other Endospores Chapter 6. The Quasi-chemical and Weibull Distribution Models of Nonlinear Inactivation Kinetics of <i>Escherichia coli</i> ATCC 11229 by High Pressure Processing Chapter 7. Sensitization of Microorganisms to High Pressure Processing by Phenolic Compounds; Chapter 8. Functional Genomics for Optimal Microbiological Stability of Processed Food Products; Chapter 9. Determination of Quality Differences in Low-Acid Foods Sterilized by High Pressure versus Retorting; Chapter 10.

Consumer Evaluations of High Pressure Processed Foods
Chapter 11. Compression Heating and Temperature Control in High Pressure ProcessingIndex

Sommario/riassunto

In High Pressure Processing of Foods, an array of international experts interrelate leading scientific advancements that use molecular biology techniques to explore the biochemical mechanisms of spore germination and inactivation by high pressure; investigate the inactivation of different spore species as functions of processing parameters such as pressure, temperature, time, food matrix, and the presence of anti-microbials; propose predictive mathematical models for predicting spore inactivation in foods treated with HPP; address commercial aspects of high pressure processing that incl

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Hasegawa Guy R

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Artificial limbs - United States - History - 19th century

Artificial limbs - Confederate States of America - History

Amputees - Services for - United States - History - 19th century

Amputees - Services for - Confederate States of America - History

Soldiers - Medical care - United States - History - 19th century

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Nota di contenuto

Melancholy Harvest -- The Best Substitutes Known to Art -- Noble Charity -- Good and Serviceable Limbs -- An Act of Esteem and Gratitude -- Manifold Difficulties -- Magnificent Benefaction -- Appendix A: Makers and Inventors Associated with the Union and Confederate Artificial-Limbs Programs -- Appendix B: Artificial Limbs and Resection Apparatus Supplied to U.S. Soldiers and Sailors by May 10, 1866.

Sommario/riassunto

The four years of the Civil War saw bloodshed on a scale unprecedented in the history of the United States. Thousands of soldiers and sailors from both sides who survived the horrors of the war faced hardship for the rest of their lives as amputees. Now Guy R. Hasegawa presents the first volume to explore the wartime provisions made for amputees in need of artificial limbs--programs that, while they revealed stark differences between the resources and capabilities of the North and the South, were the forebears of modern government efforts to assist in the rehabilitation of wounded service memb