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Biotechnology in Textile Processing examines recent trends, techniques, and developments in the finishing and processing of natural fibers. The industry's foremost experts present current research findings on textile biotechnology, bio-treatment, and waste water management, with an emphasis on developing environmentally friendly production technologies that use enzymatic processes. This vital book examines bio-technical methods that save chemicals, energy, and improve the quality of the final product, using enzyme applications that act on both cellulose- and protein-based textiles.

Biotechnology in Textile Processing is a comprehensive guide to basic and applied research for scientists, researchers, consultants, and academics working with research and development institutes, and agriculture and textile universities. The book explores methods of developing quality standards for assessing flax fiber through the use of physical, chemical, and instrumental techniques, evaluates the potential of enzyme activities on the properties of textile fibers, and provides an in-depth understanding of the structure-function relationships of textile fibers.