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Nota di contenuto	1. Introductory Chapter: Microalgal Biotechnology - The Gold-Green in Modern Sustainable World -- 2. Climate Change and Algal Communities -- 3. Cryptophyte: Biology, Culture, and Biotechnological Applications -- 4. Transcription Flexibility of Dunaliella Chloroplast Genome -- 5. The Solar Saltern of Sfax: Diversity of Hyperhalophilic Microalgae Species as a Promising Naturel Source of Biomolecules -- 6. Algae Toxins and Their Treatment -- 7. Potential of Native Microalgae from the Peruvian Amazon on the Removal of Pollutants -- 8. Mixotrophyc Culture of Dunaliella salina in Cuban Fishing Wastewaters -- 9. Water Cleaning by Means of Microalgae in the Channels of Xochimilco, Mexico -- 10. A New Insight of Phycoremediation Study: Using Filamentous Algae for the Treatment of Tertiary Municipal Wastewater -- 11. Anaerobic Co-Digestion of Microalgae and Industrial Wastes: A Critical and Bibliometric Review -- 12. Removal of Divalent Nickel from Aqueous Solution Using Blue Green Marine Algae: Adsorption Modelling and Applicability of Various Isotherm Models -- 13. Microalgae: An Exquisite Oil Producer -- 14. Revisiting Microalgae as an Additive for Nutraceuticals: A Review -- 15. Microalgae and Fish Nutrition -- 16. Exploring the Anti-cancer Potential of Microalgae -- 17. Algal Biorefinery: A Synergetic Sustainable Solution to Wastewater Treatment and Biofuel Production.
Sommario/riassunto	Progress in Microalgae Research - A Path for Shaping Sustainable

Futures consolidates the latest research, developments, and advances in the field of microalgae biotechnology. The book's chapters take a close look at and highlight the wide commercial potential of microalgae-based processes and products. This book is a useful resource for researchers and academic and industry professionals in the field of microalgae biotechnology.
