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Foreword

In an era where sustainable development has become a global priority, the integration of chemical and biological sciences provides a powerful pathway for addressing environmental, technological, and societal challenges. The book *“Application of Chemical and Biological Sciences for Sustainable Future”* edited by, Hari Shankar Biswas, Sandeep Poddar, Ashutosh Ghosh and Amiya Bhaumik, published by Lincoln University College, Malaysia, is a timely and significant contribution that highlights the role of interdisciplinary research in developing innovative and responsible scientific solutions.

This volume presents a diverse collection of research and reviews covering areas such as green chemistry, sustainable catalysis, environmental remediation, nanotechnology, biological conservation, renewable materials, and advanced energy applications. The chapters demonstrate how scientific discoveries can be transformed into practical approaches for protecting ecosystems, improving human well-being, and promoting sustainable technologies.

A notable strength of this book is its emphasis on environmentally conscious methodologies, including green synthesis strategies, waste transformation, sustainable materials development, and innovative approaches for addressing ecological challenges. The contributions give valuable insight into how chemistry and biology can work together to create solutions that balance scientific progress with environmental responsibility.

This book will serve as a valuable resource for researchers, academicians, students, and professionals seeking to understand emerging developments at the intersection of chemical and biological sciences. I commend the editors and contributors for their dedication in bringing together this important collection of knowledge and for inspiring future advancements where science, sustainability, and innovation progress together.

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