

**Life as Basic Science: An Overview and Prospects for
Future
[Volume: 3]**



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Dr. Somnath Das, Dr. Jayanta Kumar Das, Dr. Mayur Doke and Dr. Vincent Avecilla

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Acknowledgement

This book explores a wide range of scientific study areas, combining several disciplines. The main goal of this book is to assist academics, teachers, and other professionals by means of an in-depth investigation of several areas within the biological sciences. Written by specialists from many different branches of science, every chapter provides evidence-based analysis and stresses the interdependence of biological processes across disciplines.

This set of eight chapters written by diverse scholars has turned their ideas into accessible knowledge for readers. The book aims to close gaps across specialised study fields and promote a whole awareness of life sciences via this means.

Though the writers and editors work tirelessly, the intricacy of the content guarantees some mistakes will remain. Readers are politely asked to report any mistakes or oversights since their comments will be quite helpful in improving next editions.

We truly want that this book motivates readers to understand and use fundamental ideas of life sciences in their particular fields of interest and practice, hence stimulating more research and creativity.

**Dr. Somnath Das,
Dr. Jayanta Kumar Das,
Dr. Mayur Doke,
Dr. Vincent Avecilla**

Life as Basic Science: An Overview and Prospect for the Future [Volume 3] offers a thorough and easily understandable concept of the complex interaction between human life and the continuous need to grasp fundamental science. Examining prospects and possibilities from several angles that emphasise the changing intersections of life, health and scientific progress, this book adopts a forward-looking approach.

Driven by an unyielding will to increase biological knowledge and enhance the human condition, mankind has always confronted and surmounted many obstacles throughout history. The protection of life has become a top priority in today's globalised society, where the blending of science, technology and other cultural perspectives impacts our everyday life. The interaction between life sciences and technology has become more complicated, requiring creative solutions to guarantee the well-being and sustainability of future generations.

Practitioners, teachers, students and researchers committed to crafting a sustainable future for our world will find in this book necessary knowledge and insights. The material is the outcome of a group effort combining the knowledge, experience and enthusiasm of people dedicated to pushing the frontiers of knowledge in this crucial field.

Our aim is not just to record the present state of knowledge but also to encourage fresh conversations and support inventions that will help to create a more just future for everybody.

The authors & editors of this book understand that the future of life sciences has to include multidisciplinary approaches combining knowledge from biology, we recognise the great interdependence between human health, environmental sustainability and technological progress—an interdependence that should direct our work going forward.

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