

Preface

The Present title **Molecular Biology of Evolution** is a fast growing area of research from majors or careers in physics, chemistry, mathematics and engineering as well as animal, plant, cell biology and medicine. The overall objective of this publication is to provide a professional level reference work with comprehensive coverage of the molecular basis of life and the application of that knowledge in genetics, evolution, medicine, and agriculture. It deals with the life processes at a molecular level genetic disease diagnosis and genetic therapy; the theory and techniques for understanding manipulating, and synthesizing biological molecules and their aggregates; and the application of biological process to make or modify products to improve plants or animals or to develop microorganisms for specific uses.

Teachers and professors in schools and universities will use this publication for course preparation, and members of the press will find useful background information on new development in biotechnology and genetic medicine. Efforts have been made to prevent a concise treatment of their field of expertise at a level useful to both colleagues and researchers who are experts in related fields, as well as to university students requiring an introduction to a specific molecular biology discipline.

There can be no claim to originality except in the manner of treatment and much of the information has been obtained from the books and scientific journals available in the different libraries.

The author expresses his thanks to his friends and colleagues whose continue inspirations have initiated him to bring out this book.

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Author