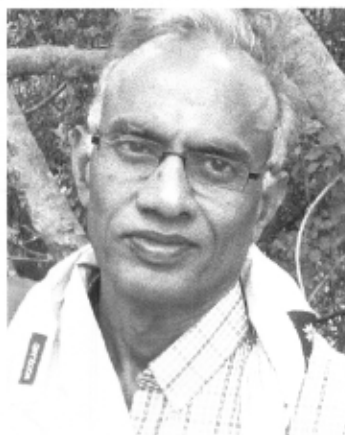


Preface

Recent Developments in Applied Microbiology and Biochemistry is a book with diverse chapters related to medical microbiology and biochemistry, microbial biotechnology, soil and agriculture microbiology, environmental microbiology, and methods in microbiology. The book is being published on the occasion of superannuation of an inspiring teacher, Prof. Bontha Rajasekhar Reddy.

Prof. B.R. Reddy was born on May 16, 1956, in Andhra Pradesh, India. Dr. Reddy worked at the Central (now National) Rice Research Institute, which was affiliated to Utkal University, as a doctoral researcher under the guidance of Dr. N. Sethunathan and obtained his PhD in 1985. Thereafter, in June 1985, he joined the Bhabha Atomic Research Centre, India, as a research associate and worked for 4 years. Since March 1989, he has been serving as a faculty of Department of Microbiology, Sri Krishnadevaraya University, India. In 1991, he received the Commonwealth Academic Staff Fellowship, and in 1993, he was the recipient of University Grants Commission Career award for young teachers. He has also mentored a number of master's and doctoral students, the majority of whom have become successful independent investigators and are also well respected in their own right. I feel privileged to be his mentee. The royalties from this book are going to be used toward an award in the name of the Prof. B.R. Reddy award of excellence, to encourage students who demonstrate academic achievement, strong character, and leadership skills from the Department of



(Prof. B.R. Reddy, a man with a great vision: 30 years of dedicated efforts as a teacher and as a researcher in enhancing student learning)

Microbiology, Sri Krishnadevaraya University, India.

There is no doubt that the fields of microbiology and biochemistry have seen wonderful developments by virtue of keen observations and discoveries made by several great scientists. This book pools knowledge of microbiological and biochemical aspects to provide an integrated version of the most recent developments in the fundamental and applied aspects of microbiology and biochemistry. The book has 25 chapters, which have been classified into five sections. All the chapters have included the most important achievements that have taken place in recent years with

state-of-the-art information. The unifying and interdisciplinary approaches in the book may be beneficial for bridging the gaps among diverse knowledge domains. I'm hopeful that this book will be useful to students, teachers, and researchers interested in the area of applied microbiology and biochemistry as this book covers top-

ics from basic concepts to novel methodologies. I would be delighted if the book will be found more often on the bench top than in the book shelf.

Viswanath Buddolla
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