

Preface

Biotechnology is a challenging and demanding course, which requires above average intellect and dedicated inputs, both by the students and faculty members. The course contents are highly specialized and require very clean and fundamental inputs from basic and advanced biology. This laboratory manual in animal studies are written based on our experience in which most of the laboratory experiments are simplified and described lucidly. While doing research in animal studies, we could not find some of the protocols and faced many problems to get results after experimentation. Therefore, this attempt to bring out a laboratory manual in animal studies. The fundamental information about this subject is elaborated with suitable tables, figures and calculations. In addition this book brings out the experimental way of approach which makes the students, understand and think about the basic ideas logically.

We are sure that the deliberations of the present book will open new frontiers and will provide useful practical implications to students of Biotechnology, Microbiology and Biochemistry including academicians and industrialists. We owe special thanks to our College Chairman Lion Dr. K.S. Rangasamy MJF, Secretary Shri. R. Srinivasan, KSRCT Principal Dr. K. Thyagarajah and KSRCAS Principal Dr. N. Kannan and the members of faculty in Biotechnology department for their whole hearted support and tireless efforts in bringing out this book in a useful manner.

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