

Foreword

The present volume, a title in the *Series in Biostatistics*, published by World Scientific Publishing, is a noteworthy collection of some recent research in several themes of contemporary interest in biostatistics. Its contents cover a broad spectrum ranging from review articles to applications of cutting edge statistical methodology, as well as development of new methods and results.

The articles in this volume are based on research presented in a recent conference at the New Jersey Institute of Technology, which over the years has organized an annual conference series entitled "Frontiers in Applied and Computational Mathematics" with focus on several areas in mathematical sciences such as applied mathematics, mathematical biology, and statistics. As expected, the representation of statistical sciences in these conferences has grown significantly over time. Within this broad spectrum, one burgeoning field of research activity with vast scope of interdisciplinary applications is biostatistics, which embraces important areas such as survival analysis, clinical trials, bioinformatics/genomics, and false discovery rates.

It is indeed a pleasure to welcome this volume to the statistics and biostatistics literature and to write this foreword at the request of Manish Bhattacharjee, Sunil K. Dhar and Sundarraman Subramanian, who have ably edited this collection. As editors, they have invested significant effort in screening the articles for their relevance and timeliness, and guiding the whole process through to publication with due care given to established practices for reporting of scientific research that includes getting thorough peer reviews from knowledgeable experts. It should provide inspiration for further fruitful interaction between methodology and applications in a diverse interdisciplinary field.

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