

Preface

The purpose of this book is to provide a reference for *Naegleria fowleri* as a quick guide for clinical colleagues, health professionals, researchers, and students. It is purposefully kept brief, and is divided into easy to follow sections, covering all aspects of *N. fowleri*. This compilation will serve as an essential reference for microbiologists, immunologists, physicians, and public health officials, in the field of basic and medical microbiology, as well as an invaluable reference for new and experienced researchers who wish to understand this organism better. This book is the definitive guide to the current knowledge and ongoing research in this medically and ecologically important organism. We are indebted to Drs. Jennifer R. Cope and Ibne Karim M. Ali (Waterborne Disease Prevention Branch in the National Center for Emerging and Zoonotic Infectious Diseases), for superbly composing the chapters on current practices and advances in diagnostics and therapeutics against *N. fowleri* infection.

We are most grateful to Professor Govinda Visvesvara (Centers for Disease Control, Atlanta, GA, USA), and Professor Rolf Michel (Department of Microbiology / Parasitology, Central Institute of the Federal Armed Forces Medical Service, Koblenz, Germany) and Dr. Bret S. Robinson, Australian Water Quality Centre, South Australian Water Corporation) for kindly providing the images used in this book and their encouraging comments.

We are very thankful to colleagues who read, commented upon chapters or sections, for accuracy, including Dr. Sutherland Maciver (University of Edinburgh), Professor Govinda Visvesvara (Centers for Disease Control, Atlanta, GA, USA), and Professor Ed Jarroll (City University New York). Our special thanks to Dr. Sutherland Maciver for his never ending support, helpful discussions, and spending so much time with dedication in completing this project. Finally, we are thankful to Sunway University for the freedom and understanding to embark on this project.

Ruqaiyyah Siddiqui and Naveed Ahmed Khan
Sunway University