

Acanthamoeba: Biology and Pathogenesis

Naveed Khan (Author), Caister Academic Press, Norfolk, UK, 290 p, ISBN 978-1-904455-43-1.

The importance of the genus *Acanthamoeba* has been growing because of the increasing number of human infections and the ability as a reservoir host for pathogenic microbes of this amphizoic amoeba. The most important value of the book is the variety of topics on *Acanthamoeba* research. The next will be the easy written sentences to follow for the beginners of *Acanthamoeba* research even for those who live in non-English spoken countries.

The author reviewed almost all aspects of *Acanthamoeba* research to date and composed this book with 9 sections; Biology and Phylogeny, Life Cycle and Genotyping, *Acanthamoeba* Infections, Pathogenesis, Immune Response, Strategies against *Acanthamoeba* Infections, *Acanthamoeba*; Trojan Horse of the Microbial World, Conclusions and Future Studies, and Bibliography. Each section describes central themes and gives the outline of recent research on each topic.

One of the excellency of this book is numerous diagrams and illustrations to schematize the concepts and cascades of chemi-

cal reactions in metabolism and pathogenesis. Some figures showing the basic principle concepts of *Acanthamoeba* research especially in pathogenesis are expected to be cited continuously to describe these principles.

The most creative section of this book to me is '*Acanthamoeba*; Trojan Horses of the Microbial World'. This section describes the role and importance of *Acanthamoeba* as a vector or a vehicle for pathogenic microbes from environment to humans. The author also introduced the historical event of Legionnaires' disease happened in 1976 in detail.

In the 'Conclusions' section, the author listed the future research tasks on *Acanthamoeba*. Well trained researchers are needed to propel the development of strategies in the prevention, pathogenesis, and therapy for *Acanthamoeba* infection and this book will be very helpful for this purpose.

Hyun-Hee Kong

Department of Parasitology,
Kyungpook National University School of Medicine,
Daegu 700-422, Korea (hhkong@knu.ac.kr)