

Contents

Origins of Algal Symbionts of <i>Paramecium bursaria</i>	1
Ryo Hoshina and Nobutaka Imamura	
Infection of <i>Paramecium bursaria</i> by Symbiotic <i>Chlorella</i> Species	31
Yuuki Kodama and Masahiro Fujishima	
Metabolic Control Between the Symbiotic <i>Chlorella</i> and the Host <i>Paramecium</i>	57
Yutaka Kato and Nobutaka Imamura	
Regulation of Circadian Rhythms of <i>Paramecium</i> <i>bursaria</i> by Symbiotic <i>Chlorella</i> Species	83
Isoji Miwa	
Photobiological Aspects of the Mutualistic Association Between <i>Paramecium bursaria</i> and <i>Chlorella</i>	111
Ruben Sommaruga and Bettina Sonntag	
Diversity of Endosymbiotic Bacteria in <i>Paramecium</i>	131
Hans-Dieter Görtz and Sergei I. Fokin	
Diversity of <i>Holospora</i> Bacteria in <i>Paramecium</i> and Their Characterization	161
Sergei I. Fokin and Hans-Dieter Görtz	
Infection and Maintenance of <i>Holospora</i> Species in <i>Paramecium caudatum</i>	201
Masahiro Fujishima	

**The Killer Effect of *Paramecium*
and Its Causative Agents** 227
Martina Schrallhammer and Michael Schweikert

Index..... 247