

CONTENTS

Preface		vii
Chapter 1	Possible Roles of Cyanotoxins in Species Interactions of Phytoplankton Assemblages <i>István Bácsi, Viktória B-Béres and Gábor Vasas</i>	1
Chapter 2	Negative Allelopathy among Cyanobacteria <i>Miroslav Švercel</i>	27
Chapter 3	The Bloom-Forming Cyanobacterium <i>Nodularia Spumigena</i> : A Peculiar Nitrogen-Fixer in the Baltic Sea Food Webs <i>Rehab El-Shehawy and Elena Gorokhova</i>	47
Chapter 4	Which Factors are Related to the Success of <i>Cylindrospermopsis raciborskii</i> in Brazilian Aquatic Systems? <i>Andreia M. A. Gomes, Marcelo M. Marinho and Sandra M. F. O. Azevedo</i>	73
Chapter 5	Is Cyanobacterial Dominance in Brazilian Semi-arid Reservoirs Regulated by Environmental or Stochastic Features? <i>José Etham de Lucena Barbosa and Janiele França Vasconcelos</i>	95
Chapter 6	Picophytoplankton Community Structure in a Hypersaline Coastal Lagoon: Role of Salinity and Links with Viral and Microbial Communities <i>Mathilde Schapira and Laurent Seuront</i>	111
Chapter 7	Accumulation and Phytotoxicity of Microcystins in Vascular Plants <i>Jian Chen, Hai Qiang Zhang and Zhi Qi Shi</i>	139
Chapter 8	Cyanotoxin Health Hazard and Risk Assessment in Freshwater Lakes <i>Milena Bruno</i>	153

Chapter 9	Confocal Laser Scanning and Electron Microscopic Techniques as Powerful Tools for Determining the In Vivo Effect and Sequestration Capacity of Lead in Cyanobacteria	179
	<i>Isabel Esteve, Juan Maldonado, Álvaro Burgos, Elia Diestra, Mireia Burnat and Antonio Solé</i>	
Chapter 10	A New Methodology for Rapid Assessment of Spatial Distribution of Phytoplankton Blooms: Case Study in Pampulha Reservoir	197
	<i>Ricardo M. Pinto-Coelho, Maíra O. Campos, Eliane C. Elias, Simone P. dos Santos, Denise P. Fernandes, Gabriela P. Fernandes, Aloizio P. P. Gomes and Laila O. Ribeiro</i>	
Chapter 11	Ecological Control of Cyanobacterial Blooms in Freshwater Ecosystems	213
	<i>Alan E. Wilson and Michael Chislock</i>	
Index		223