

Contents

1 Trichothecene Triangle: Toxins, Genes, and Plant Disease.....	1
Susan P. McCormick, Nancy J. Alexander, and Robert H. Proctor	
2 An Analytical Method to Quantify Three Plant Hormone Families in Grape Berry Using Liquid Chromatography and Multiple Reaction Monitoring Mass Spectrometry.....	19
Satyanarayana Gouthu, Jeff Morre, Claudia S. Maier, and Laurent G. Deluc	
3 Endophyte Mycotoxins in Animal Health.....	37
Jennifer M. Durringer, Lia Murty, and A. Morrie Craig	
4 Production of Traditional and Novel Biopolymers in Transgenic Woody Plants.....	59
David A. Dalton, Ganti Murthy, and Steven H. Strauss	
5 Drugs for Bugs: The Potential of Infochemicals Mediating Insect–Plant–Microbe Interactions for Plant Protection and Medicine.....	79
Jürgen Gross	
6 Hairy Roots: An Ideal Platform for Transgenic Plant Production and Other Promising Applications.....	95
Abdullah B. Makhzoum, Pooja Sharma, Mark A. Bernards, and Jocelyne Trémouillaux-Guiller	
7 A Dynamic Model for Phytohormone Control of Rhizome Growth and Development	143
Eric T. McDowell and David R. Gang	
Index.....	167

Phytochemicals, Plant Growth, and the Environment

Gang, D. (Ed.)

2013, X, 174 p., Hardcover

ISBN: 978-1-4614-4065-9