

1. Record Nr.	UNINA9910957406203321
Titolo	Cell diagnostics : images, biophysical and biochemical processes in allelopathy // editors, V.V. Roshchina, S.S. Narwal
Pubbl/distr/stampa	Enfield, NH, : Science Publishers, c2007
ISBN	0-429-08330-0 1-4822-8055-8 1-281-94859-4 9786611948597 1-57808-660-4
Edizione	[First edition.]
Descrizione fisica	1 online resource (224 p.)
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Disciplina	571.9/2
Soggetti	Allelopathic agents - Research - Technique Allelopathy - Research - Technique
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Foreword ""; ""Preface ""; ""Contents ""; ""Detail of Contents ""; ""List of Contributors ""; ""Section 1 CELLULAR MODEL SYSTEMS ""; ""1. Allelopathy and Plant Cell Diagnostics""; ""1. Introduction""; ""2. Allelopathy""; ""3. Plant Cell Diagnostics""; ""4. References""; ""2. Cellular Models as Biosensors""; ""1. Introduction""; ""2. Cellular Biosensors and their Reactions""; ""2.1 Vegetative Microspores of Spore-Producing Plants""; ""Principle:""; ""Materials required:""; ""Procedure:""; ""Observations:""; ""Statistical analysis:""; ""Experiment 1. ""; ""Experiment 2. ""; ""Experiment 3. "" ""2.2 Pollens of Seed-Bearing Plants""""Principle:""; ""Materials required:""; ""Procedure:""; ""Observations:""; ""Statistical analysis:""; ""Experiment 1""; ""Experiment 2. ""; ""Experiment 3. ""; ""2.3 Pistil Stigma (Female Gametophyte) of Seed-bearing Plants""; ""Principle:""; ""Materials required:""; ""Procedure:""; ""Observations:""; ""Statistical analysis:""; ""Experiment 1. ""; ""3. Analysis of Allelochemical Binding in a Cell""; ""3.1 Hydrophilic Compounds ""; ""Principle:""; ""Materials required:""; ""Procedure:""; ""Observations:""; ""Statistical analysis:"";

""Experiment 1.""

""Experiment 2""3.2 Hydrophobic Compounds (Fluorescence of Allelochemicals in Cell) ""; ""Principle:""; ""Materials required:""; ""Procedure:""; ""Observation:""; ""Experiment 3.""; ""4. SUGGESTED READINGS ""; ""3. Microalgae for Determining the Effects of Allelochemicals""; ""1. Introduction""; ""2. Field Incubation Studies""; ""2.1 Field Incubation Procedure and Experiments""; ""3. Laboratory Studies""; ""3.1 Continuous Culture Systems for Macrophytes and Microalgae""; ""3.2 Continuous Culture Methods for Microalgae""; ""I. Turbidostat:""; ""II. Chemostat:""

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""1. Introduction""(i). Chloronema:""; ""(ii). Caulonema:""; ""(iii). Rhizonema:""; ""2. Test of Co-Existence in vitro""; ""2.1 Materials Required""; ""(i). Mohr medium:""; ""(ii). Plant material:""; ""(iii). Protonemal system from spores:""; ""(iv). Protonemal system from shoots:""; ""(v). Protonema regeneration from wild moss and liverwort:""; ""2.2 Procedure""; ""2.3 Observations and Data Analysis""; ""3. Guided Isolation of Potential Allelochemicals""; ""3.1 Materials Required""; ""Test fractions/extracts:""; ""3.2 Procedure""; ""3.3 Disadvantages""; ""4. Conclusions""; ""5. References""

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Sommario/riassunto

Topics discussed in this title include cellular model systems, new methods of microscopy in cellular diagnostics and methods of analytical biochemistry and biophysics.

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