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""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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