

Modern methods of Cell Diagnostics include improved microscopy (Electron, Luminescence, Laser Scanning Confocal, Optical Coherence), Microspectrofluorimetry, and analytical biochemical assays. These methods may be applied to study the chemical interactions between the living organisms called "allelopathy" as well as in other fields of plant cell biology. This methodology book describes the recent approaches to study suitable model cellular systems for analysis of intercellular interactions, microscopic imaging of cells in the diagnostics of plant allelopathic effects and analytical estimation of some biochemical and biophysical processes occurring between the contacting cells.

This book will serve as a handbook to biology researchers and students working on plant and animal cells . All the methods have been described in detail.



9 781578 085101