574.87 FLU pt.A

CONTENT

1. Fluorescent Analog Cytochemistry: Tracing Functional Protein Components in Living Cells	1
2. Fluorescent Analogs of Peptides of Peptides and Hormones	13
3. Fluorescent Analogs of Toxins	29
4. Preparation of Fluorescently Labeled Dextrans and Ficolls	59
5. A Fluorescent Derivative of Ceramide: Physical Properties and Use in Studying the Golgi	
Apparatus of Animal Cells	75
6. Fluorescent Labeling of Cell Surfaces	87
7. Fluorescent Labeling of Mitochondria	103
8. Fluorescent Labeling of Endoplasmic Reticulum	125
9. Fluorescent Labeling of Endocytic Compartments	137
10. Incorporation of Macromolecules into Living Cells	153
11. Hapten-Mediated Immunocytochemistry: The Use of Fluorescent and Nonfluorescent	
Haptens for the Study of Cytoskeletal Dynamics in Living Cells	175
12. Culturing Cells on the Mircroscope Stage	195
13. Basic Fluorescence Microscopy	208
14. Quantitative Fluorescence Microscopy Using Photomultiplier Tubes and Imaging Detectors	239
15. Characteristics of Low Light Television Cameras	270
16. Solid-State Imagers for Microscopy	292
Index	315
Contents of Recent Volumes	329