Histological & Histochemical Methods: Theory & Practice 2nd Edition

J A KIERNAN, Department of Anatomy, University of Western Ontario, London, Canada

In order to encompass new methods likely to become standard in research, this second edition has been thoroughly revised and updated to incorporate the latest histochemical developments. All aspects of staining and histochemistry for light microscopy are covered, including fixation, use of dyes, enzyme biochemistry, immunohistochemistry and special methods for blood and cell suspensions and for nervous tissue. Instructions for methods follow the explanations of principles, with the chemicals and physical principles explained in detail, so that even those with minimal prior knowledge of chemistry will be able to follow the text.

For students in all biological subjects using histological techniques, graduates, researchers in pathology and biological sciences and medical laboratory technologists.

Contents:
- Introduction to microtechnique. Fixation.
- Decalcification and other treatments for hard tissues. Processing and mounting. Dyes.
- Histological staining in one or two colours. Staining blood and other cell suspensions.
- Neurohistological techniques.
- Immunohistochemistry and other methods based on affinity. Miscellaneous data.

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ANNUAL REVIEW OF ADDICTIONS RESEARCH AND TREATMENT

Editors: Peter E. Nathan, Ph.D., University of Iowa, James W. Langenbucher, Ph.D., Barbara S. McCrady, Ph.D., & William Frankenstein, Ph.D, Center of Alcohol Studies, Rutgers University

Aims and Scope

Designed both to summarize and put into historical and scientific perspective the developing field of alcohol and other drug studies, Annual Review of Addictions Research and Treatment provides some of the most important recent contributions to this field's expanding literature in their original form, along with a focus of informed debate by commentators and reviewers who are each a leading authority. In addition, the editors will help guide the debate by comparing and contrasting the positions of invited contributors, so as to help point the way for future developments in the addictions field. Broad domains which effectively encompass the field of addictions research and intervention will be authoritatively surveyed, commented on, and updated in each volume.

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