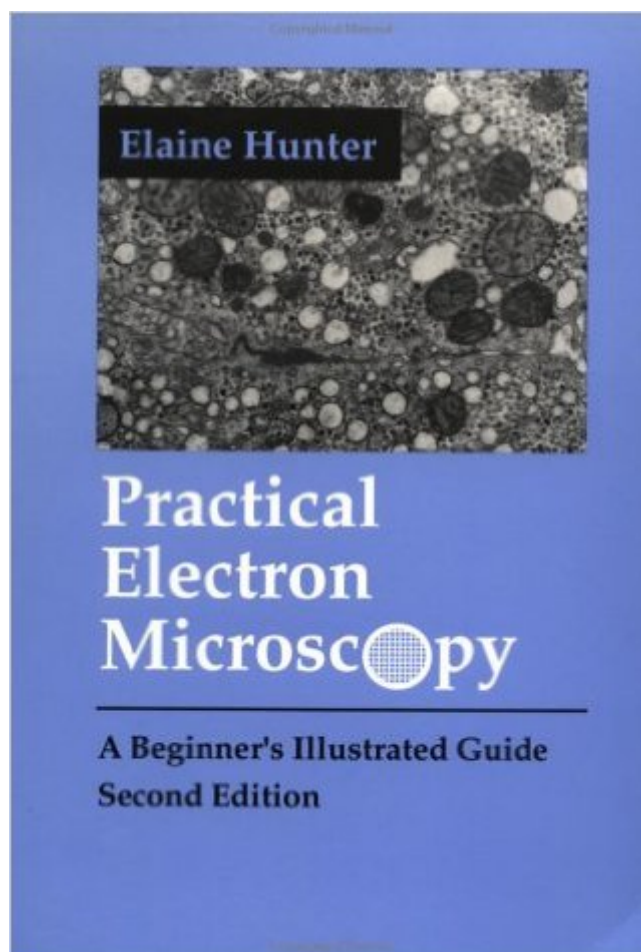


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Practical Electron Microscopy: A Beginner's Illustrated Guide



Synopsis

This is an extensively illustrated laboratory manual of transmission electron microscopy techniques for the laboratory technician, graduate student, or researcher. Chapters begin with a general discussion, move on to the chemicals and equipment required for the method being described and conclude with a step-by-step presentation of the method and instructions for the preparation of solutions. Notes at the end of each chapter warn of possible pitfalls and outline "tricks of the trade". The methods and techniques outlined have been tested for over ten years in clinical and research laboratory situations, and are entirely reliable. Practical Electron Microscopy covers fixation, dehydration and embedding, semithin and thin sectioning, the electron microscope, and photography. For this new edition, the chapters on photography and the electron microscope have been completely rewritten and two new chapters have been added, one on immunoelectron microscopy using colloidal gold, and one dealing with such special techniques as retrieving specimens from paraffin and handling nasal brushings and blood samples.

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Customer Reviews

It is a nice book. I am a photographer, and wanted to get into microphotography, so bought this to get ideas on how to do the craft better. It helps a lot in that I could approach my slide preparation better and have cleaner results. I probably won't be in the WHO tomorrow doing their slides, but I am able to get some great images. If you do this for photography you will probably need stacking software as depth is very limited with microscopes. Good for those keen on approaching

microscopy. Well satisfied.

This book provides the basic understanding that anyone venturing into the EM world will find extremely useful. I highly recommend this book to anyone who wants to get a reference on EM fixation, embedding and staining. Very easy read and illustrations are helpful.

I am a beginner's in practicing the electron microscopy. This book provides a good introduction and important checklists during the practice of electron microscopy. Most important of all, it is not heavy.

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