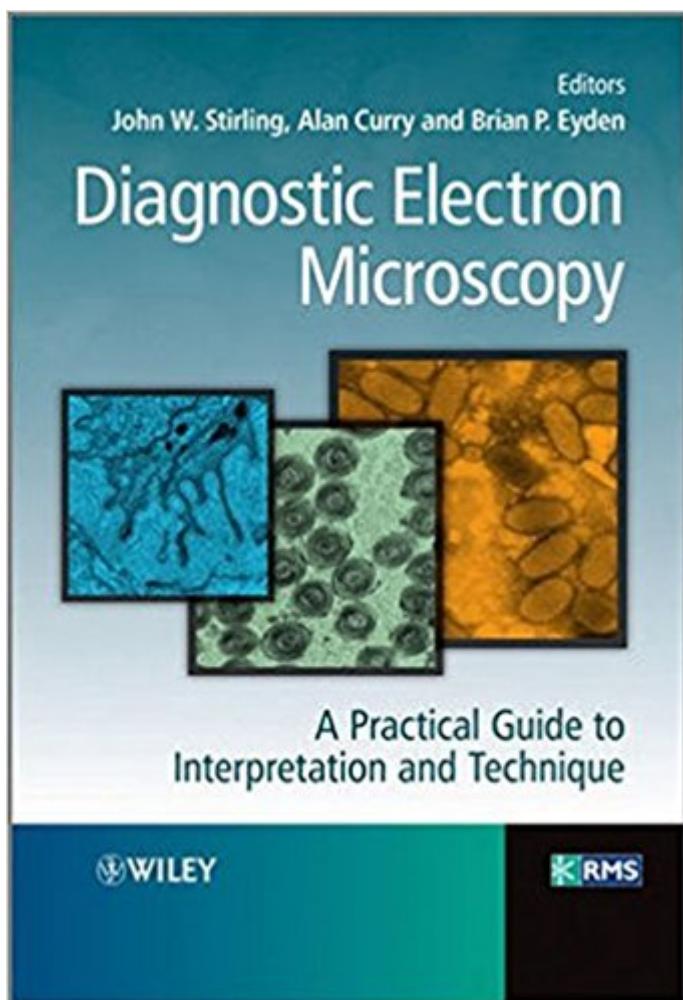


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Diagnostic Electron Microscopy: A Practical Guide To Interpretation And Technique



Synopsis

Diagnostic Electron Microscopy: A Practical Guide to Interpretation and Technique summarises the current interpretational applications of TEM in diagnostic pathology. This concise and accessible volume provides a working guide to the main, or most useful, applications of the technique including practical topics of concern to laboratory scientists, brief guides to traditional tissue and microbiological preparation techniques, microwave processing, digital imaging and measurement uncertainty. The text features both a screening and interpretational guide for TEM diagnostic applications and current TEM diagnostic tissue preparation methods pertinent to all clinical electron microscope units worldwide. Containing high-quality representative images, this up-to-date text includes detailed information on the most important diagnostic applications of transmission electron microscopy as well as instructions for specific tissues and current basic preparative techniques. The book is relevant to trainee pathologists and practising pathologists who are expected to understand and evaluate/screen tissues by TEM. In addition, technical and scientific staff involved in tissue preparation and diagnostic tissue evaluation/screening by TEM will find this text useful.

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Customer Reviews

âœThus, this book is a âœmust-haveâ• for all pathology departments, even if they are not equipped with an EM facility, and it is also a solid proof of the current role of electron microscopy in health care.â• (Microscopy & Microanalysis, 1 August 2013)

John W. Stirling The Centre for Ultrastructural Pathology, Adelaide, Australia Alan Curry Manchester Royal Infirmary, Manchester, UK Brian Eyden Christie NHS Foundation Trust, Manchester, UK

This is a great reference for an EM laboratory. It introduces key information to new and experienced electron microscopists and is a great reference for trainee Pathologists to have in their personal library. It explains clearly and concisely the key uses of TEM diagnostically and provides enough information to allow the reader to delve deeper into scientific publications using appropriate search terms to find further details they may require. A fantastic book to have.

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