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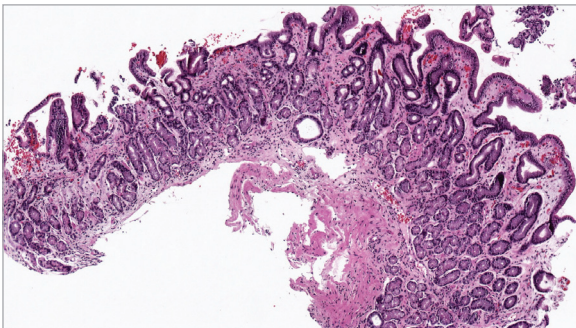
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The uScopeMXII is a small digital desktop microscope you can use in your workplace or home office. It captures images from standard glass slides and sends them to your PC.

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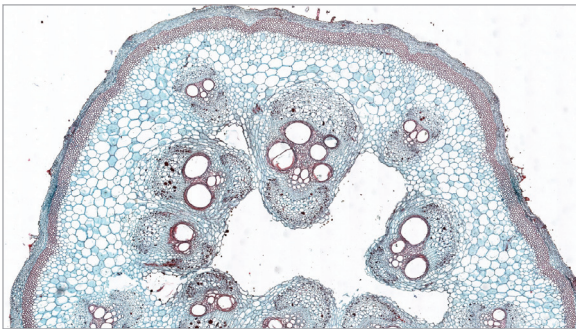
The uScopeMXII is designed and manufactured in the United States.



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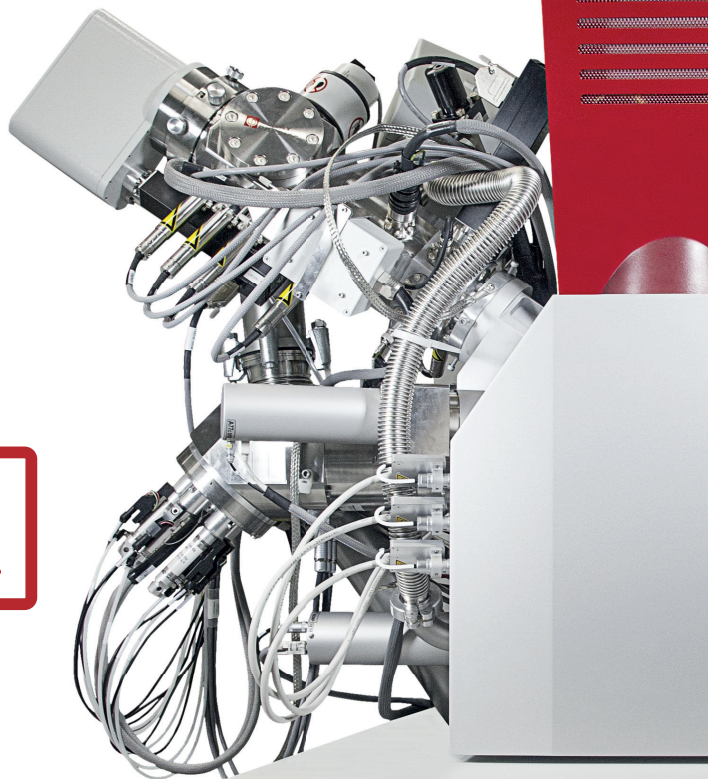
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# XEIA3

UHR SEM/i-FIB

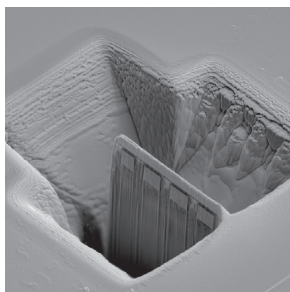
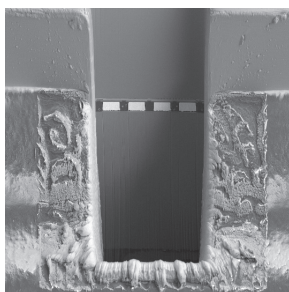
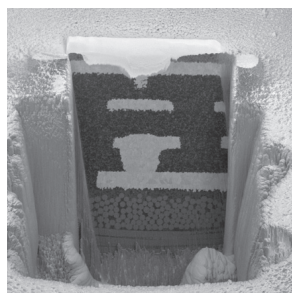
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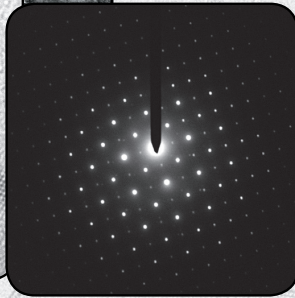
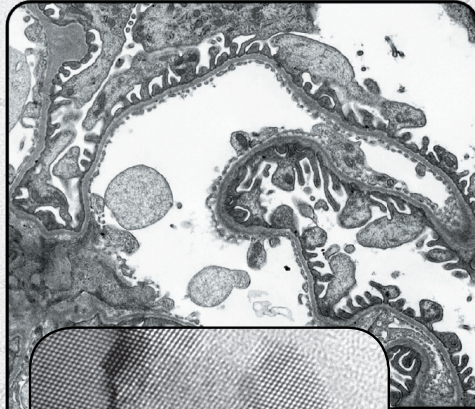
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## CONGRATULATIONS TO THE 2015 DIATOME POSTER AWARD WINNERS

DiATOME hosts a poster contest each year during the Microscopy & Microanalysis Annual Meeting where members of the MSA Council select the best poster presentation using Diamond Knives. DiATOME is proud to announce the following award winners for the 2015 meeting:

- **2nd Place Winner** (A finely sculptured Swiss Watch): Jia Xu, Arizona State University  
Poster: Aberration-corrected STEM of Cross-sectional View of Core-shell Nanowires Prepared by Ultramicrotomy
- **3rd Place Winners** (A finely sculptured Swiss Watch): Jim Kilcrease, USDA-ARS/Orise  
Poster: Agar Assisted Embedding: Visualizing Plant Pathogen Interactions at the Root-Soil Interface Jasna Strus, University of Ljubljana  
Poster: Crustacean Cuticle: Synthesis and Remodeling of a Dynamic Extracellular Matrix During Molt Cycle

The Diamond Knife raffle winners were as follows:

- Day 1: Sara Cole, Ohio State University
- Day 2: Bernd Zechmann, Baylor University
- Day 3: Clive W. Wells, Medical College of Wisconsin
- Day 4: Ellen Lavoie, University of Washington

A heartfelt Congratulations is extended from DiATOME to the winners.

Sincerely yours,  
Stacie Kirsch, Managing Director, Diatome US, 1560 Industry Road, P.O. Box 550, Hatfield, PA 19440

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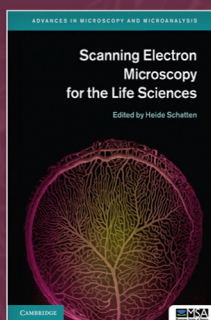
## Scanning Electron Microscopy for the Life Sciences

Heide Schatten

University of Missouri, Columbia

US\$124.99; Hb: 978-0-521-19599-7; 312 pp

Recent developments in scanning electron microscopy (SEM) have resulted in a wealth of new applications for cell and molecular biology, as well as related biological disciplines. It is now possible to analyze macromolecular complexes within their three-dimensional cellular microenvironment in near native states at high resolution, and to identify specific molecules and their structural and molecular interactions. New approaches include cryo-SEM applications and environmental SEM (ESEM), staining techniques and processing applications combining embedding and resin-extraction for imaging with high resolution SEM, and advances in immuno-labeling. With chapters written by experts, this guide gives an overview of SEM and sample processing for SEM, and highlights several advances in cell and molecular biology that greatly benefited from using conventional, cryo, immuno, and high-resolution SEM.



### About the series

The Press currently publishes the Microscopy and Microanalysis (MAM) journal in conjunction with the MSA, which reaches 4,000 microscopists and is affiliated with 12 international microscopy societies. The series would be a natural development from this journal, and will take a broad view of the discipline, covering topics from instrumentation to imaging, methodology and analysis across physical science, materials science, biology and medicine. Books commissioned for the series will range from advanced undergraduate textbooks through to research and practitioner oriented monographs for researchers. The series aims to produce a coherent source of material, encouraging the communication and exchange of ideas across these divergent fields, ensuring that the series appeals to a broad community in the physical and life sciences.

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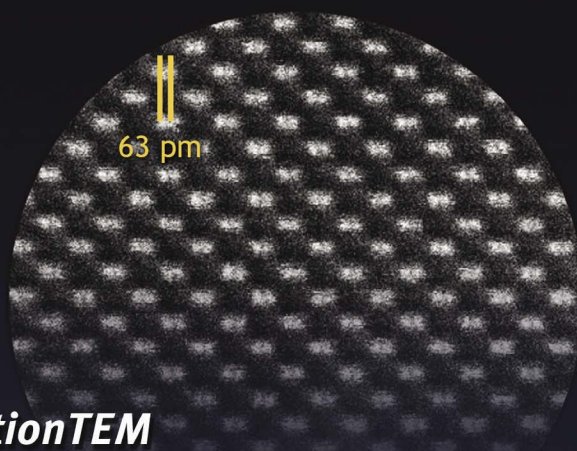
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