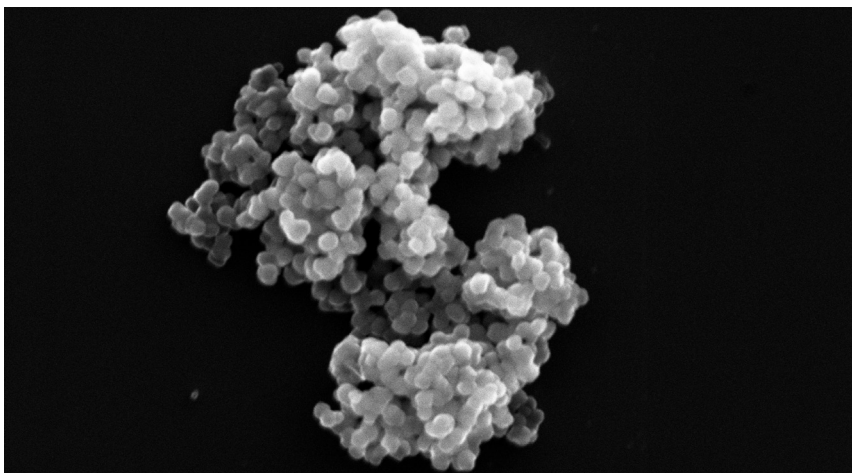


High sample throughput and easy-to-use upgrade

ZEISS EVO STEM



Titanium dioxide (TiO₂) particles.

Upgrade your ZEISS microscope

Upgrade your ZEISS microscope with the EVO STEM option and benefit from increased imaging quality and higher sample throughput.

As technical requirements may apply on some systems, please contact us to learn more about EVO STEM and how your processes will benefit from an upgrade: microscopy@zeiss.com

High-resolution STEM (Scanning Transmission Electron Microscopy) imaging is now readily attainable and can save valuable processing time thanks to the advanced EVO STEM upgrade. This enables high sample throughput and thereby extends the information output of your EVO system. The significantly lower electron beam energies used in the SEM result in reduced volume and increased cross sections at lower accelerating voltages. Improved resolution is provided through the position of the thin specimen close to the lens. The ZEISS EVO STEM unit has therefore been designed as a cost-effective compact module containing both, the specimen and the detector.

Highlights

Ease of use

Install the EVO STEM option in simple steps and maximize your productivity through an easy-to-use upgrade

Advanced sample holder option

Choose between a single or multi (9) sample holder, designed to handle different sample thicknesses

Improved resolution and contrast

Receive high-quality images and improved contrast thanks to significant lower electron beam energies

Bright-Field imaging

Scan your sample in Bright-Field mode and profit from an expanded and affordable technology

Availability

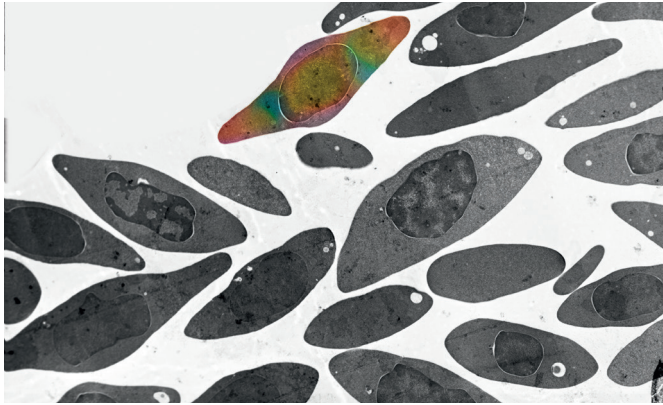
- EVO series



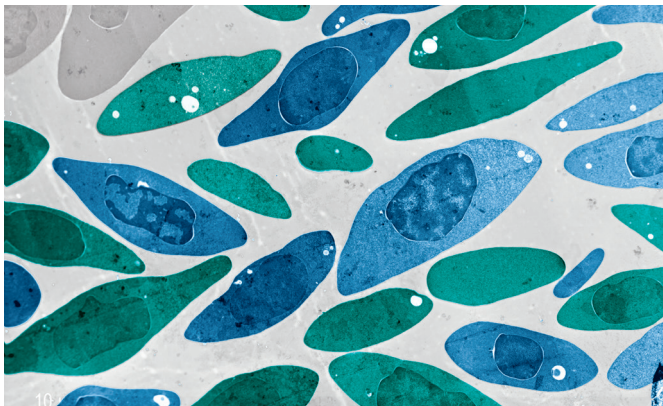
Seeing beyond

ZEISS EVO STEM

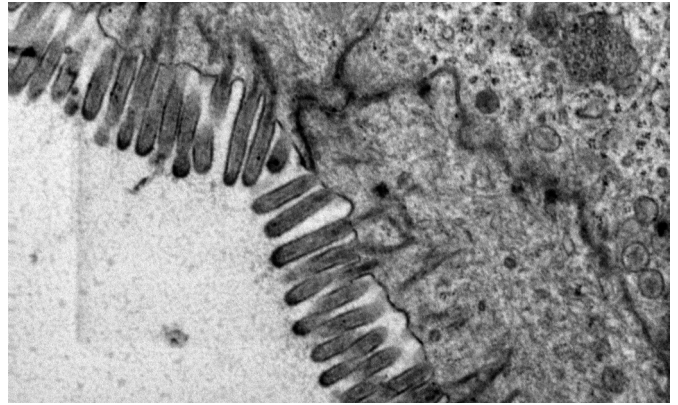
Easy-to-use upgrade



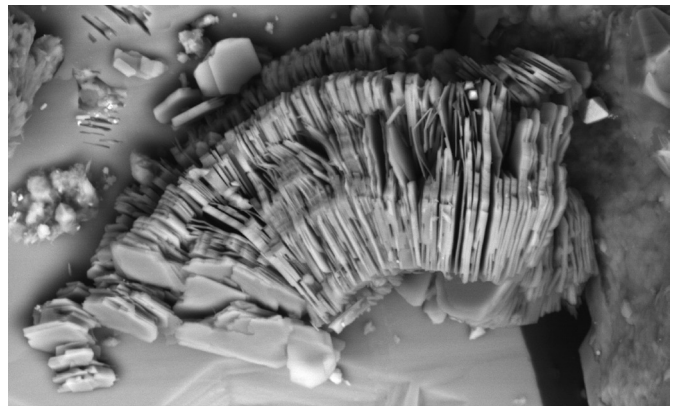
Python blood cells shown in a STEM image taken at 20 kV.



Python blood cells shown in a STEM image taken at 20 kV.



Section of intestine with the microvilli border clearly visible taken at 20 kV.



Section of intestine with the microvilli border clearly visible taken at 20 kV.

Not for therapeutic use, treatment or medical diagnostic evidence. Not all products are available in every country. Contact your local ZEISS representative for more information.
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