

Subscription Requests

Free Subscriptions

Individuals requesting subscriptions, or wishing to change/correct their address, are requested to do so at our website:

www.microscopy-today.com

Subscription Policies

- Microscopists in Canada, Mexico, and the United States are eligible for free subscriptions.
- Microscopy Society of America members receive *Microscopy Today* as a member benefit.
- Microscopists outside North America who are not MSA members may subscribe to the print edition for \$60US.
- Microscopists anywhere in the world may view the digital edition for free at the *Microscopy Today* website.

Digital Edition

- *Microscopy Today* is available in a digital edition that is free to qualified readers. To subscribe, go to the *Microscopy Today* website (www.microscopy-today.com), click “new subscription” or “renew subscription,” and follow the instructions provided.
- The digital edition is an exact replica of the print edition, advertisements and all. Special features include active website and email links (even within ads), word-level search function, and variable page magnification to enlarge figures and text.

Back Issues

- Scanned back issues of *Microscopy Today* are available for free low-resolution download at the website.
- High-resolution digital format on CD of complete back volumes are available for \$30/volume (MSA member and \$50/volume (non-MSA member). The preferred method of payment is via credit card at the website. Bank transfer information is available from the Editor. Checks in US\$ should be made payable to “*Microscopy Today*” and sent to the Editor.

Index to Advertisers

AMT (www.amtimaging.com).....	9
Amptek (www.amptek.com).....	25
Bruker Nano GmbH (www.bruker.com).....	45
Carl Zeiss Microscopy (http://microscopy. zeiss.com/microscopy/en_us/home.html).....	51
CIASEM 2015 (www.ciasem2015.com.ve).....	67
Denton Vacuum (www.dentonvacuum.com).....	18
Diatome (www.emsdiasum.com).....	21
Duniway (www.duniway.com).....	25
EDAX (www.edax.com).....	6
Electron Microscopy Sciences (www.emsdiasum.com).....	38, 39
FEI Company (www.fei.com).....	4
Gatan Inc. (www.gatan.com).....	Inside back cover
Geller MicroAnalytical Lab (www.gellermicro.com).....	29
Hitachi High Technologies America (www.hitachi-hhta.com).....	Inside front cover
JEOL USA (www.jeolusa.com).....	37, Outside back cover
Lumencor, Inc. (www.lumencor.com).....	19
Microscopes International (www.uscopes.com).....	11
minus k TECHNOLOGY (www.minusk.com).....	25
Physik Instrumente (www.pi-usa.us).....	34
SPI Supplies (www.2spi.com).....	31
Ted Pella, Inc. (www.tedpella.com).....	29, 59
Tescan (www.tescan-usa.com).....	35
tousimis (www.tousimis.com).....	10

In-situ microscopy – uncompromised

There is always more to see when studying high speed reactions. That's why at Gatan we build large format cameras with unparalleled temporal resolution to push the boundaries of *in-situ* electron microscopy.

OneView™

Use only ONE camera to capture high quality 16 megapixel still images AND video in all of your TEM applications.

- Always have a “live” experience with 25 fps at full 4k x 4k resolution
- > 300 fps at 512 x 512 resolution



www.gatan.com/oneview



www.gatan.com/K2IS

K2® IS

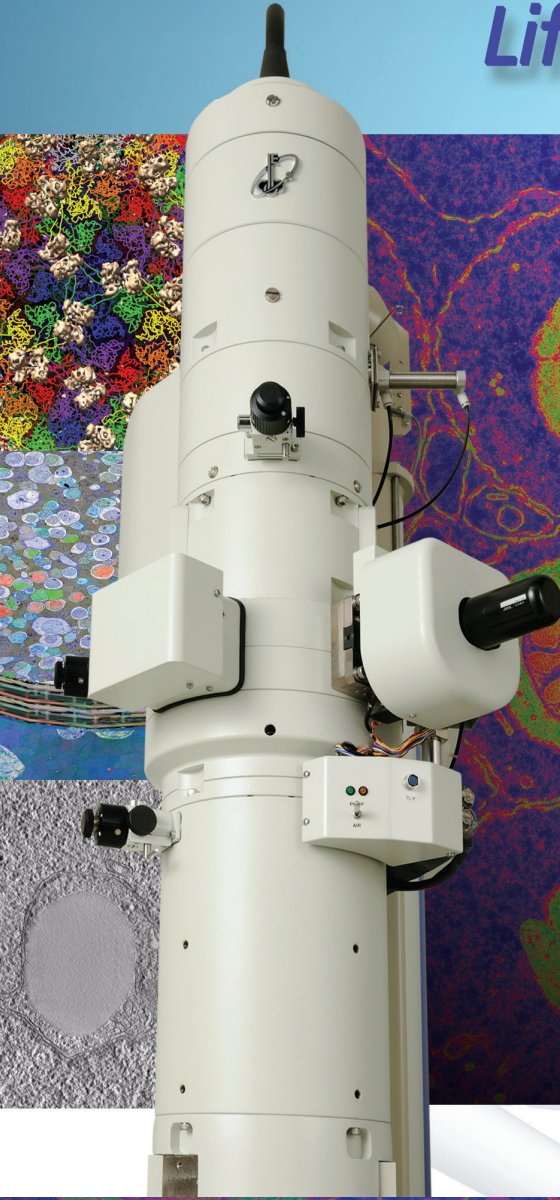
Resolve dynamic details *in-situ* with the fastest 4k x 4k direct detection camera available.

- Frame rates up to 1600 fps – sub-ms time resolution
- Highest available DQE results in images with lowest noise – every image is useful



HOW DO YOU LOOK AT LIFE?

Life Science TEMs from JEOL



JEOL's 120kV-300kV Transmission Electron Microscopes are used by top researchers in structural biology, cellular biology, pathology, and neuroscience. We offer the highest resolution phase contrast capabilities, automated 3D tomography, cryomicroscopy, S/TEM analytical capabilities, elemental mapping, and automated montage available. See what JEOL has to offer, from the research grade, compact JEM-1400Plus optimized for automated high contrast imaging to our powerful leading edge 300kV TEM with helium stage.

Cross-section through middle pieces of developing spermatids in seminiferous tubule epithelium (adult male rat), Patrick Nahirney, Ph.D.; Univ. Victoria Div. of Medical Sciences – 2014 TEM Image Contest Winner

Learn more at jeolusa.com/life

Bacteriophage Epsilon 15, Wah Chiu, Ph.D.,
Baylor College of Medicine (top image)

Rabbit Retinal Connectome volume; Robert Marc, Ph.D.,
Marc Lab, Moran Eye Center, Univ. of Utah (middle image)

Neuron, 200nm, tomography; Greg Ning, Ph.D.,
Penn State University College of Agricultural Sciences
(bottom image)



www.jeolusa.com
salesinfo@jeol.com • 978-535-5900

