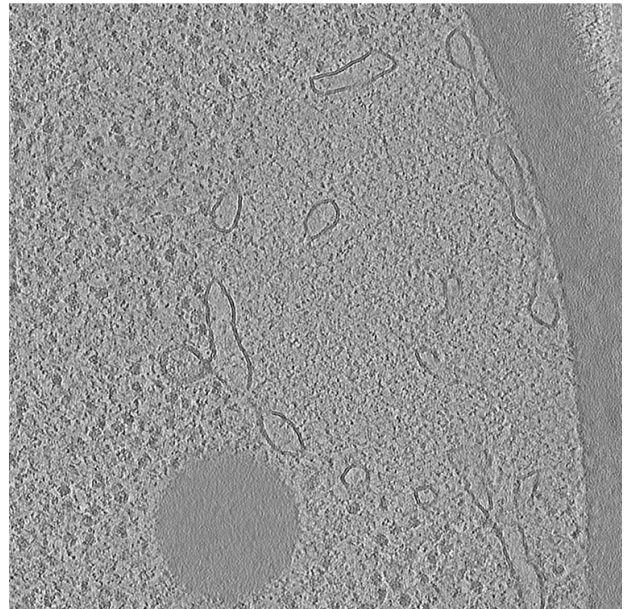
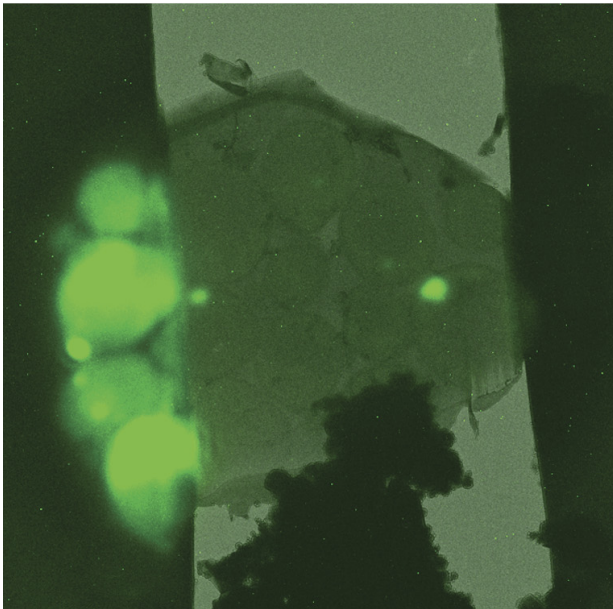
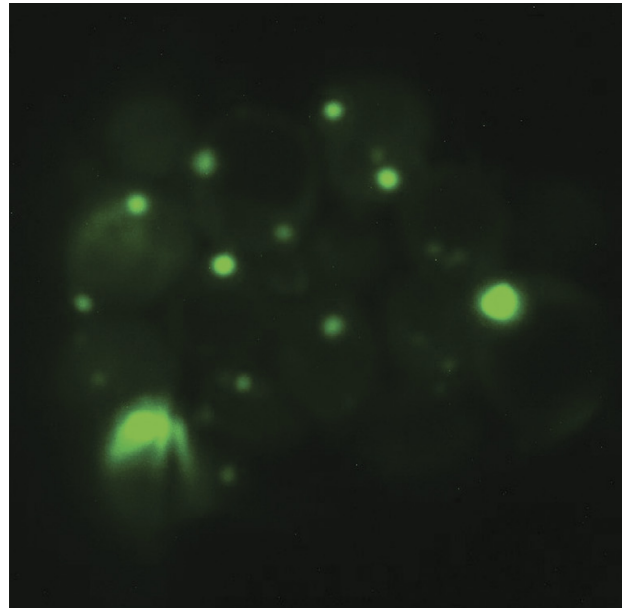
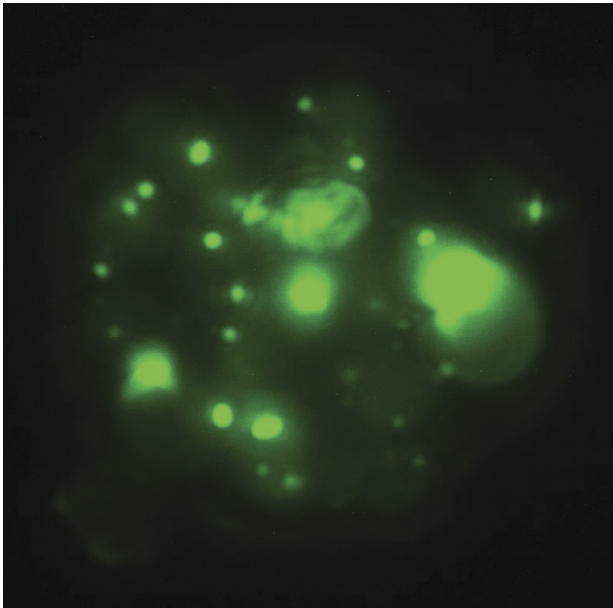


# Microscopy TODAY

Volume 29 Number 6 2021 November

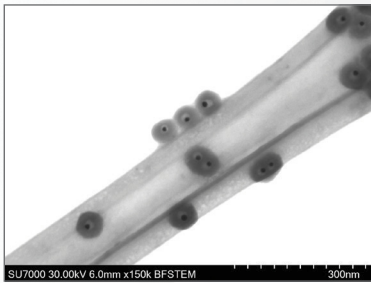
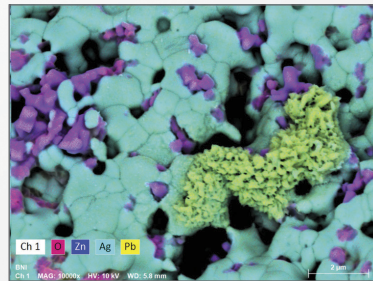
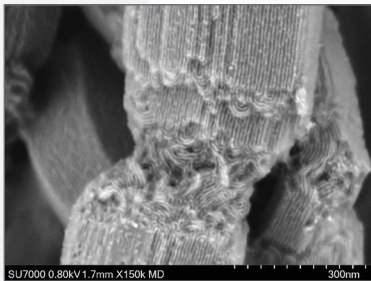




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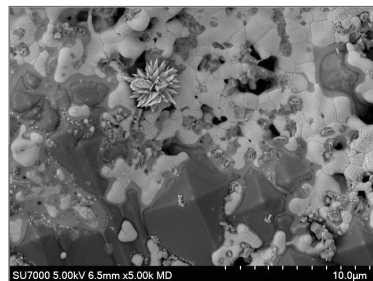
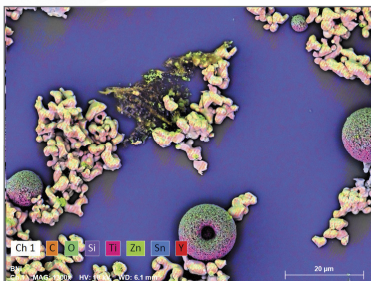
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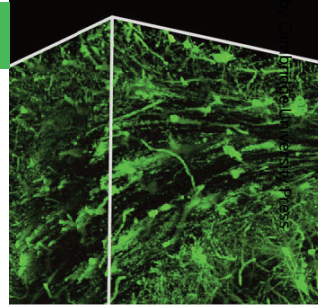
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### NEUROSCIENCE

Micro-Optical Sectioning Tomography to Obtain a High-Resolution Atlas of the Mouse Brain Anan Li, Hui Gong, Bin Zhang, Qingdi Wang, Cheng Yan, Jingpeng Wu, Qian Liu, Shaoqun Zeng, Qingming Luo

Britton Chance Center for Biomedical Photonics, Wuhan National Laboratory for Optoelectronics—Huazhong University of Science and Technology, Wuhan 430074, P. R. China.



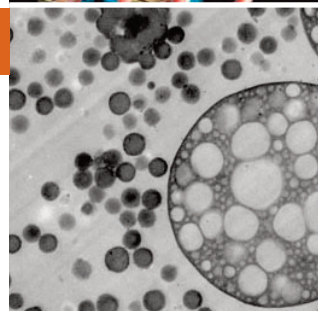
### CRYO

A single slice of a tomogram of an aldehyde fixed and sucrose infiltrated cryosection with a 3D reconstruction. Erik Bos and Peter J. Peters, Netherlands Cancer Institute, Amsterdam. (see: J. Lefman, P. Zhang, T. Hirai, RM. Weis, J. Juliani, D. Bliss, M. Kessel, E. Bos, P.J. Peters, S. Subramaniam: Three-dimensional electron microscopic imaging of membrane invaginations in Echerichia coli overproducing the chemotaxis receptor Tsr. J. Bacteriol. 2004 Aug; 186(15): 5052-61.)



### MATERIALS

ABS, stained with OsO4, sectioned at room temperature with the ultra sonic knife, section thickness 50nm. Note the almost perfect spherical shape of the large rubber particles and the preservation of the inclusions inside. Also the smaller dense rubber particles are well preserved. B.Vastenhou, Dow Benelux N.V. Terneuzen, The Netherlands.



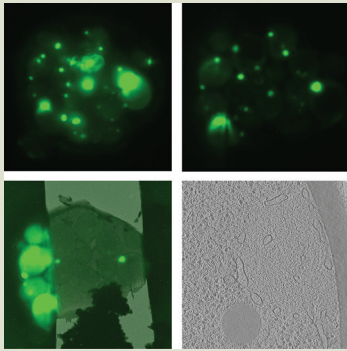
Ultra-Wet 35° • Ultra-Dry 35° • Ultra-Semi 35° • Ultra Maxi 35°  
Ultra Jumbo 35° • Ultra Sonic 35° Ultra ATS 35° Ultra-AFM 35°  
Ultra-Wet 45° • Ultra Jumbo 45° • Cryo 25° • Cryo Immuno 35°  
Cryo-Dry 35° • Cryo-Wet 35° • Cryo-Dry 45° • Cryo-Wet 45°  
Cryo-AFM Histo 45° • Histo Jumbo 45° • Histo-Cryo Dry 45°  
Histo-Cryo Wet 45° • Trimtool 20 • Trimtool 45 • Static Line II





# Contents

## About the Cover



Correlative FIB-milling fluorescence light microscopy and cryo-EM workflow.

See the article by Smeets et al. on page 20.

## Awards

- 10 Microscopy Society of America Awards: 2021 Award Winners**  
Miaofang Chi

## Biological Applications

- 16 Using MERSCOPE to Generate a Cell Atlas of the Mouse Brain that Includes Lowly Expressed Genes**  
George Emanuel and Jiang He
- 20 Integrated Cryo-Correlative Microscopy for Targeted Structural Investigation *In Situ***  
Marit Smeets, Anna Bieber, Cristina Capitanio, Oda Schioetz, Thomas van der Heijden, Andries Efftig, Éric Piel, Bassim Lazem, Philipp Erdmann, and Juergen Plitzko

## Materials Applications

- 26 De-protonation of Nickel Hydroxide by 200 kV Electron Irradiation**  
Graham J.C. Carpenter and Zbigniew S. Wronski
- 30 Small- and Wide-Angle X-Ray Scattering (SAXS/WAXS) with Temperature-Controlled Stages Makes Phase Identification Faster than Ever**  
Han Wu and Duncan Stacey

## Microscopy 101

- 38 Out of the Blue and into the Black: Preparation, Mounting, and Image Rendering of Complex, Chorate Dinoflagellate Cysts for Scanning Electron Microscopy**  
Sandy M.S. McLachlan and Elaine C. Humphrey

## Microscopy Education

- 42 Remote Learning Facilitated by MyScope Explore**  
Natalie P. Holmes, Matthew J. Griffith, Matthew G. Barr, Nicolas C. Nicolaidis, Vijay Bhatia, Michael Duncan, Ingrid McCarroll, Jenny Whiting, Paul C. Dastoor, and Julie M. Cairney

## Microscopy Pioneers

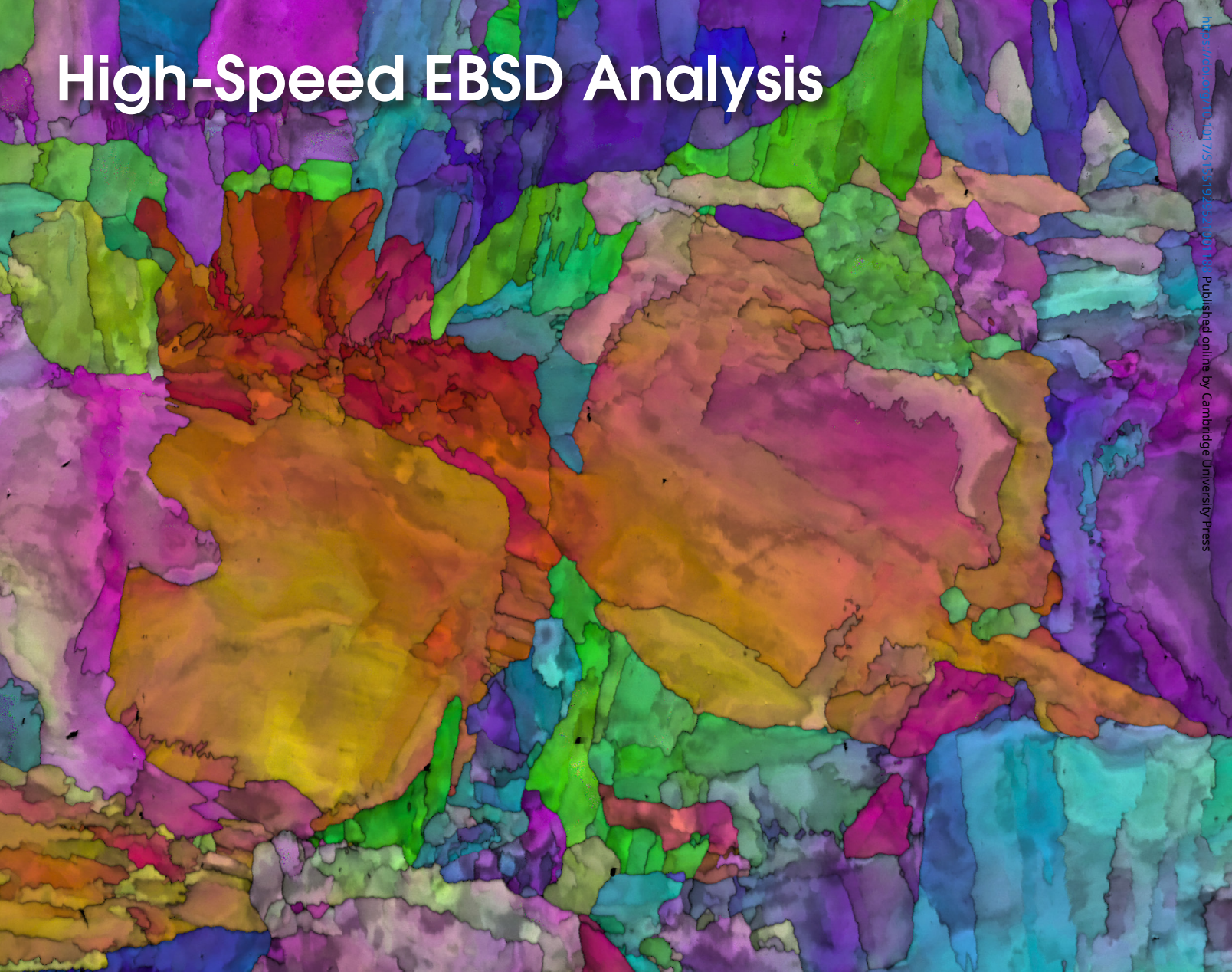
- 50 Pioneers in Optics: Sir David Brewster (1781–1868)**  
Cameron Varano

## Departments

- |   |                                |
|---|--------------------------------|
| <b>7 Editorial</b>  | <b>58 Crossword Puzzle</b>     |
| <b>8 Carmichael's Concise Review</b>                          | <b>60 NetNotes</b>             |
| <b>52 Industry News</b>                                       | <b>71 Calendar of Meetings</b> |
| <b>54 Product News</b>  | <b>73 Dear Abbe</b>            |
| <b>56 Highlights from <i>Microscopy and Microanalysis</i></b> | <b>74 Index of Advertisers</b> |



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