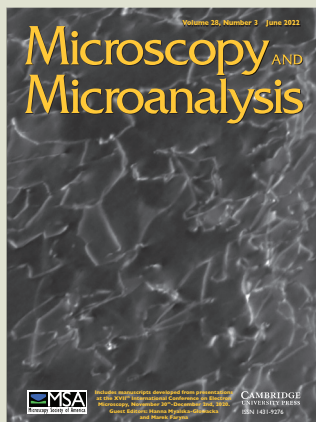


preview of some upcoming articles



## Review

Atomic force microscopy for tumor research at cell and molecule levels

Yang, Wenguang *et al.*

## Materials Science Applications

Focused ion beam preparation of low melting point metals: Lessons learned from Indium

Michael, Joseph *et al.*

## Software and Instrumentation

Integrated differential phase contrast (IDPC)-STEM utilizing a multi-sector detector for imaging thick samples

Li, Zhongbo *et al.*

Accurate and Robust Calibration of the Uniform Affine Transformation Between Scan-Camera Coordinates for Atom-Resolved In-Focus 4D-STEM Datasets

He, Qian *et al.*

Semi-Automated, Object-based Tomography of Dislocation Structures

Sills, Ryan and Medlin, Douglas

Using Xe Plasma FIB for High-Quality TEM Sample Preparation

Vitale, Suzy and Sugar, Josh

## Biological Applications

End-to-end Deep Learning-based Cells Detection in Microscopic Leucorrhea Images

Liu, Lin *et al.*

Ontogenesis of resin ducts and secretory process in *Protium spruceanum* (Burseraceae) stems

Mercadante-Simões, Maria Olívia *et al.*

Rabbit endothelial progenitor cells derived from peripheral blood and bone marrow: an ultrastructural comparative study

Đúranová, Hana *et al.*

Systematic Investigation of Lanthanoid Transition Heavy Metal Acetates as Electron Staining Reagents for Protein Molecules in Biological Transmission Electron Microscopy

Ishii, Noriyuki

## Micrographia

Ultrastructural Characterization of Salivary Glands, Alimentary Canal and Malpighian Tubules of the Red Shield Bug *Carpocoris mediterraneus* Tamanini, 1958 (Heteroptera, Pentatomidae)

Özyurt Koçakoğlu, Nurcan and Candan, Selemi

Ultrastructural changes in the ovariole of *Isophya nervosa* Ramme, 1931 (Orthoptera: Tettigoniidae) and egg morphology

Amutkan Mutlu, Damla and Suludere, Zekiye

Seasonal variations in the digestive tract of the little owl, *Athene noctua*: Anatomical, histological, and scanning electron microscopical studies

Mohamed, Mayada *et al.*

Mapping the Distribution of Special Structured Pulmonary Vasculatures in the Dromedary Camel (*Camelus dromedarius*): Histological and Histochemical Study

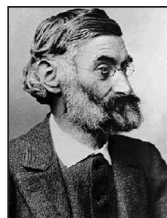
Mohamedien, Dalia *et al.*

Calcium, Ca<sup>2+</sup>-ATPase, Calmodulin and Calbindin D-28KD localization in testis of *Leptodactylus chaquensis* (Anura: Leptodactylidae)

Iruzubieta-Villagra, Ana *et al.*

Antennal sensilla in Vespidae: A comparison between a diurnal and a nocturnal Polistinae wasp

Serrão, José Eduardo and Ribeiro Junior, Cleber



## Dear Abbe

### Dear Abbe,

I've been reading your column in *Microscopy Today* for many years now and noticed that you haven't updated your picture in all this time. You look rather good for a man of 179 years. To what do you owe your longevity? Diet, exercise, or something else?

*Flummoxed in Florida*

### Dear Flummoxed in Florida,

Ach, so many people have asked me this question! I have given up on reminding people of the wonders that can be performed in the photographic darkroom, and the perfidy of offset printing. In this age of internetainment, you should realize that appearances can be deceiving. Especially little drawings of personal profiles. My image is beguiling, nein? In reality, I look much younger. Let us just say that those fluids biologists use aren't called "preservatives" for nothing!

*It is said that with great power comes great responsibility. Contact Herr Abbe to discover how you can avoid both through his cantankerous correspondent at johnshields59@gmail.com.*

MT

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