

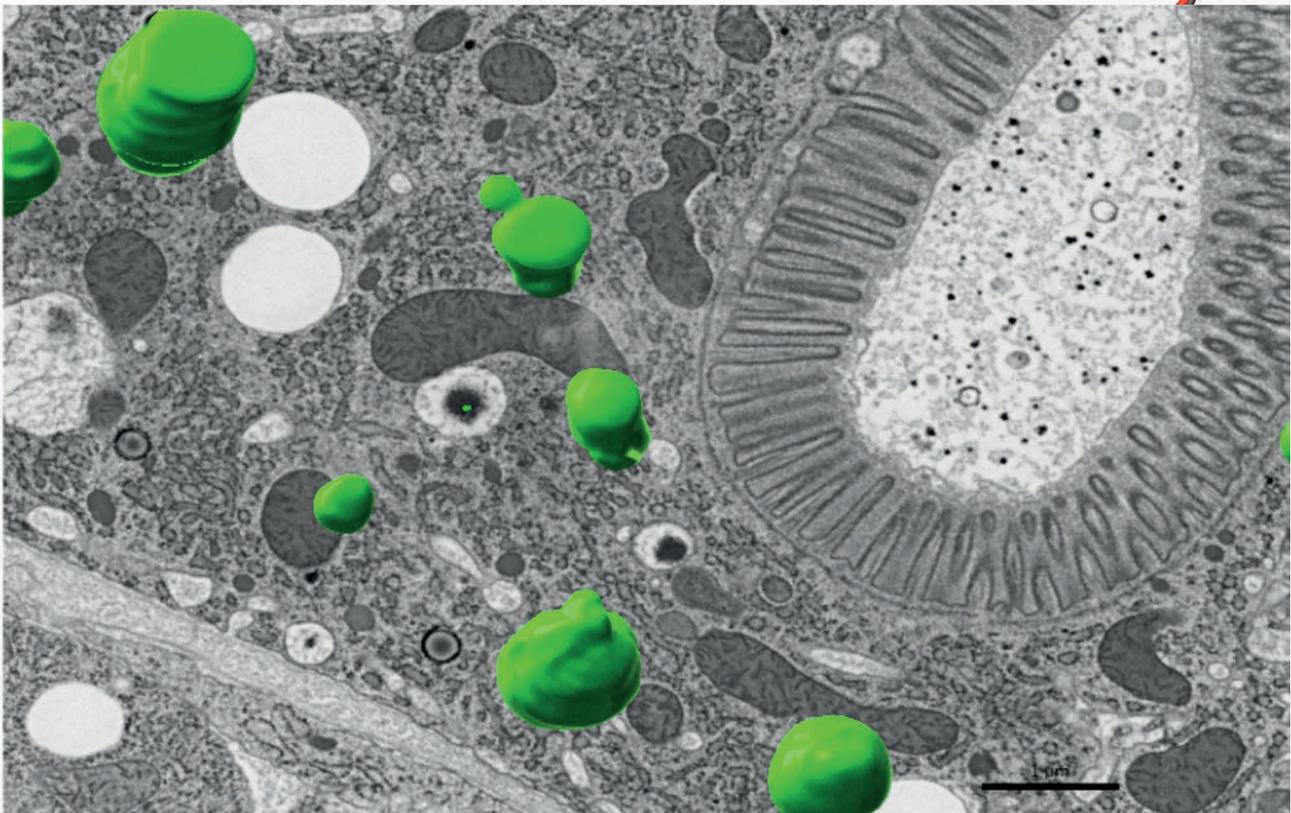
# DIATOME

## Swiss Diamond Knives ultra sonic Maxi

### The ultra sonic knife with the large boat for biological applications

- Ultrathin sections without compression
- All embedding resins (Epoxyes and Acrylates)
- The same control unit as for the ultra sonic usable
- Automatic setting of the resonance frequency
- Knife angle 35°
- Boat (inside 17x25 mm) made from titanium
- Easy wetting of the cutting edge

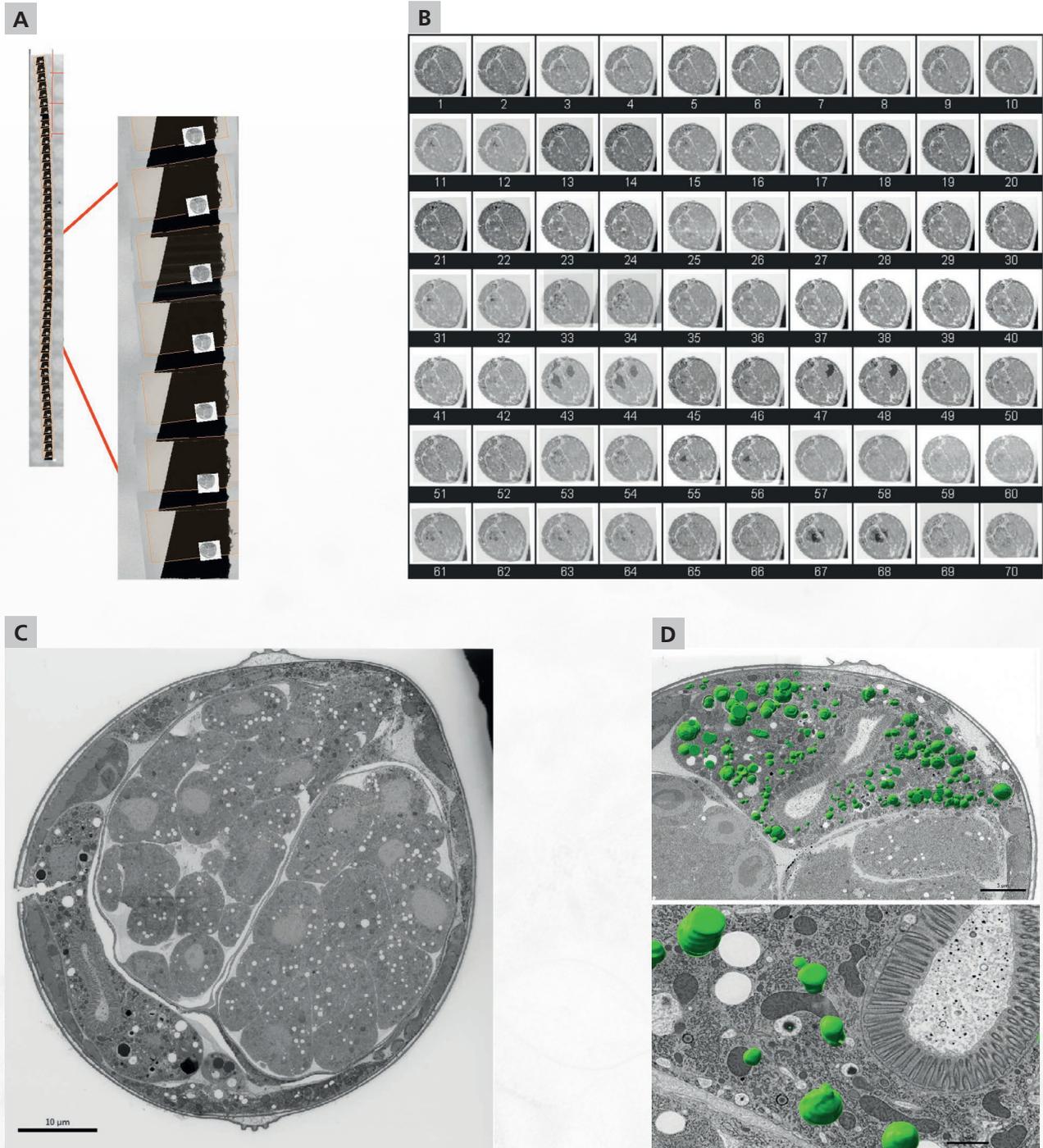
Ask us for more information  
Your Diatome Team



Section obtained with the ultra sonic Maxi knife. Scale bar 1 μm. **More details on the reverse side.**

# Swiss Diamond Knives

## ultra sonic Maxi



Serial sections obtained with the ultra sonic Maxi knife at 55 nm from a high pressure frozen nematode sample.

**A** Long ribbons collected on silicon wafers imaged using a SEM

**B** Gallery of serial sections

**C** Single section from the series. Scale bar 10 µm

**D** Yolk granules and lysosomes were segmented shown in green. Scale bar 5 µm; detail image: 1 µm

Center for Microscopy and Image Analysis, University of Zürich, Switzerland