

# DIATOME

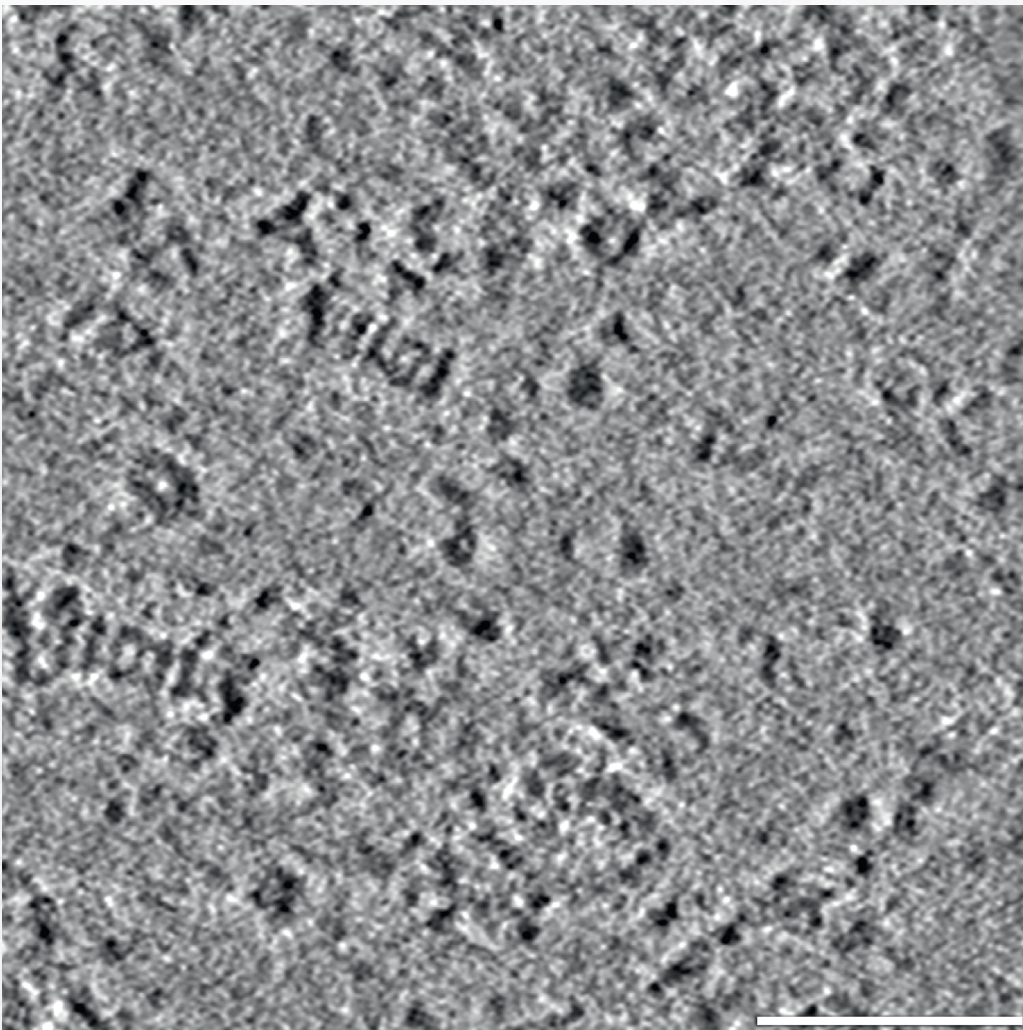
## Swiss Diamond Knives for CEMOVIS

Dear cryo Electron Microscopist,

we are pleased to present the Diatome Knives  
for sectioning vitrified cells and tissues.

Our application specialist is at your  
disposal for any further information or  
assistance you might require.

Your Diatome Team



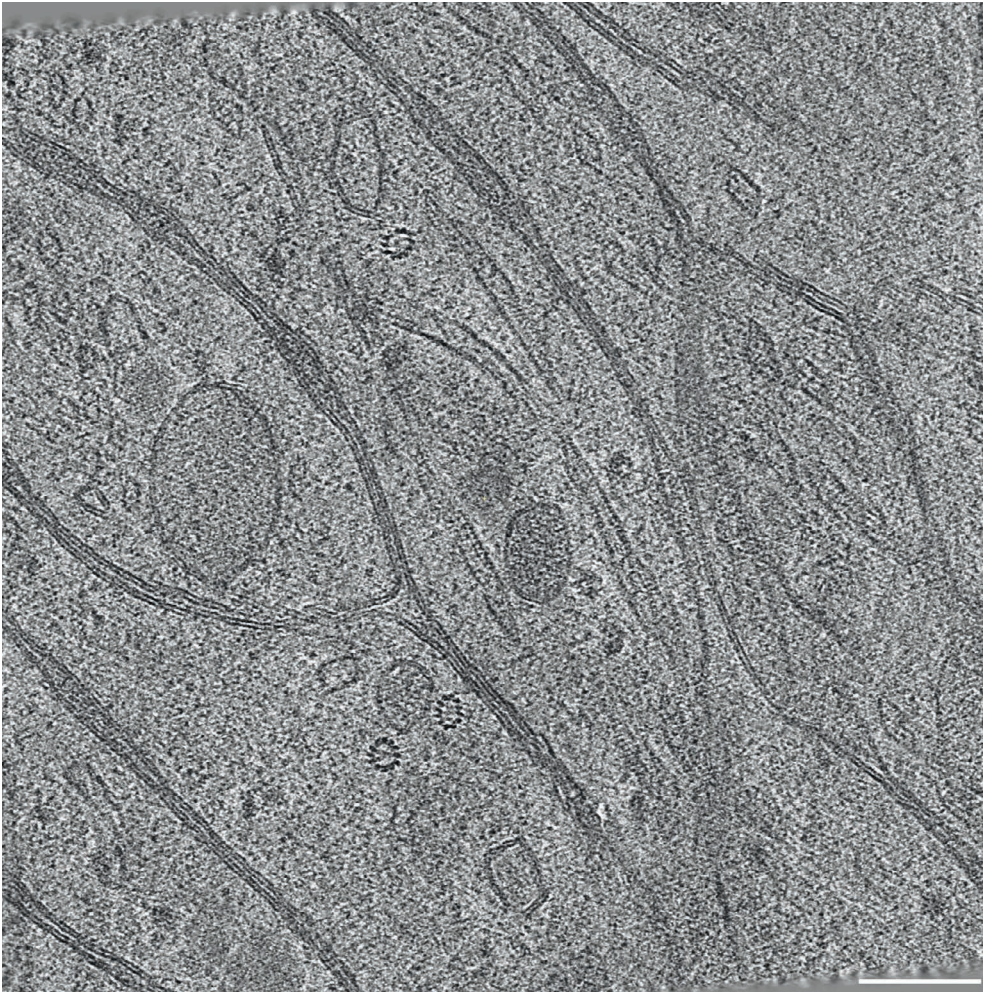
26S proteasomes within cell nucleus of a *Drosophila melanogaster* neuron.  
M. Eltsov, IGBMC, Strasbourg, Scale bar: 50nm

More details on the reverse side.



# Swiss Diamond Knives

## for CEMOVIS



Drosophila embryonic brain axons.  
Defocus  $-4\mu\text{m}$ , no phase plate Tomographic reconstruction,  
computational 5nm slice. M. Eltsov, IGBMC, Strasbourg  
Scale bar: 100nm

Knife type	Knife angle	Size [mm]	Thickness range [nm]	Boat type	Code	Application
CEMOVIS 35°	35°	3.0	30 – 150	Triangular holder	DCEM3530	• Frozen hydrated samples (CEMOVIS)
CEMOVIS 25°	25°	3.0	30 – 150	Triangular holder	DCEM2530	• Frozen hydrated samples (CEMOVIS)
trim 45	45°			Triangular holder	DTB45	• Trimming biological and materials science samples