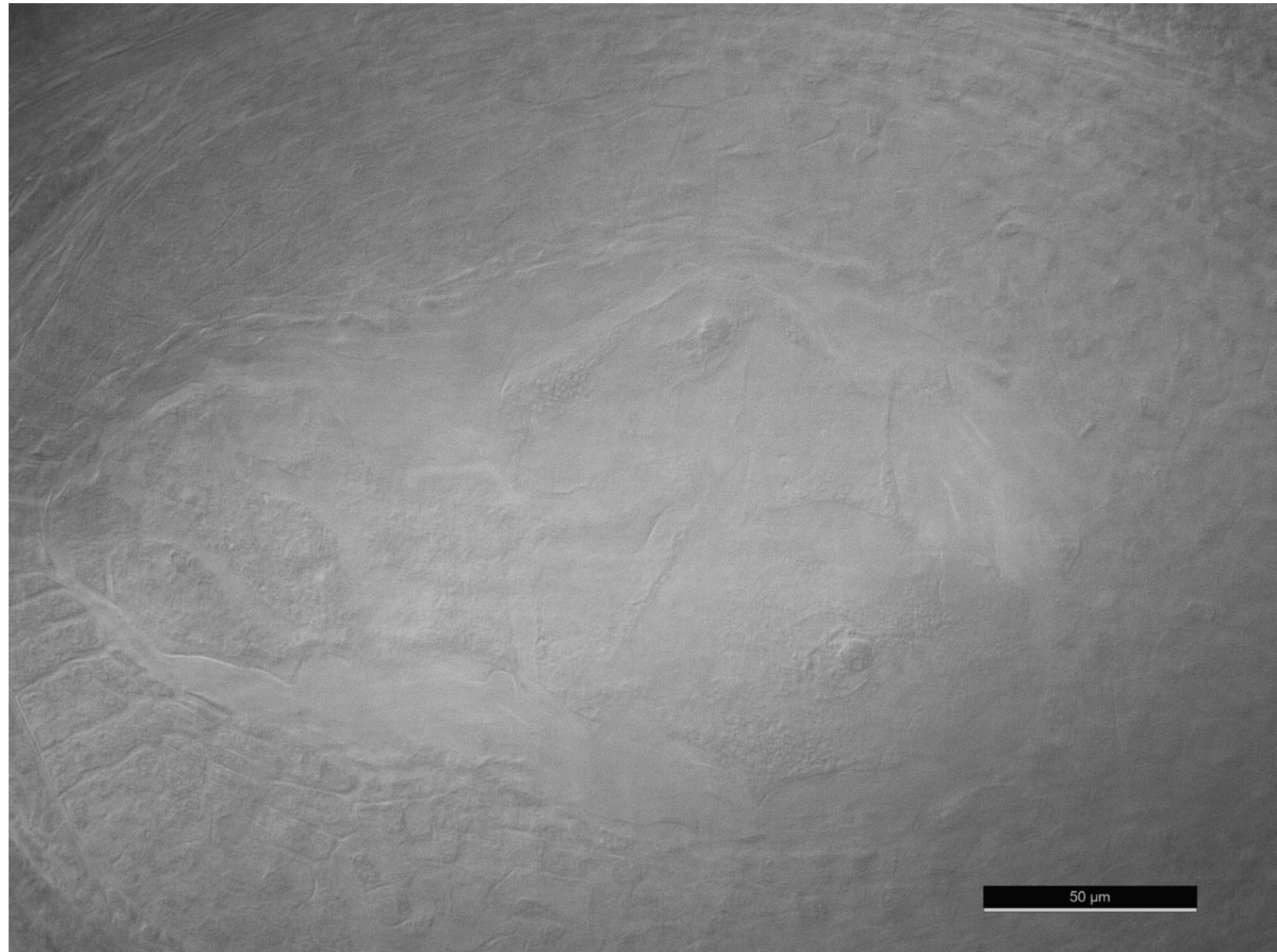
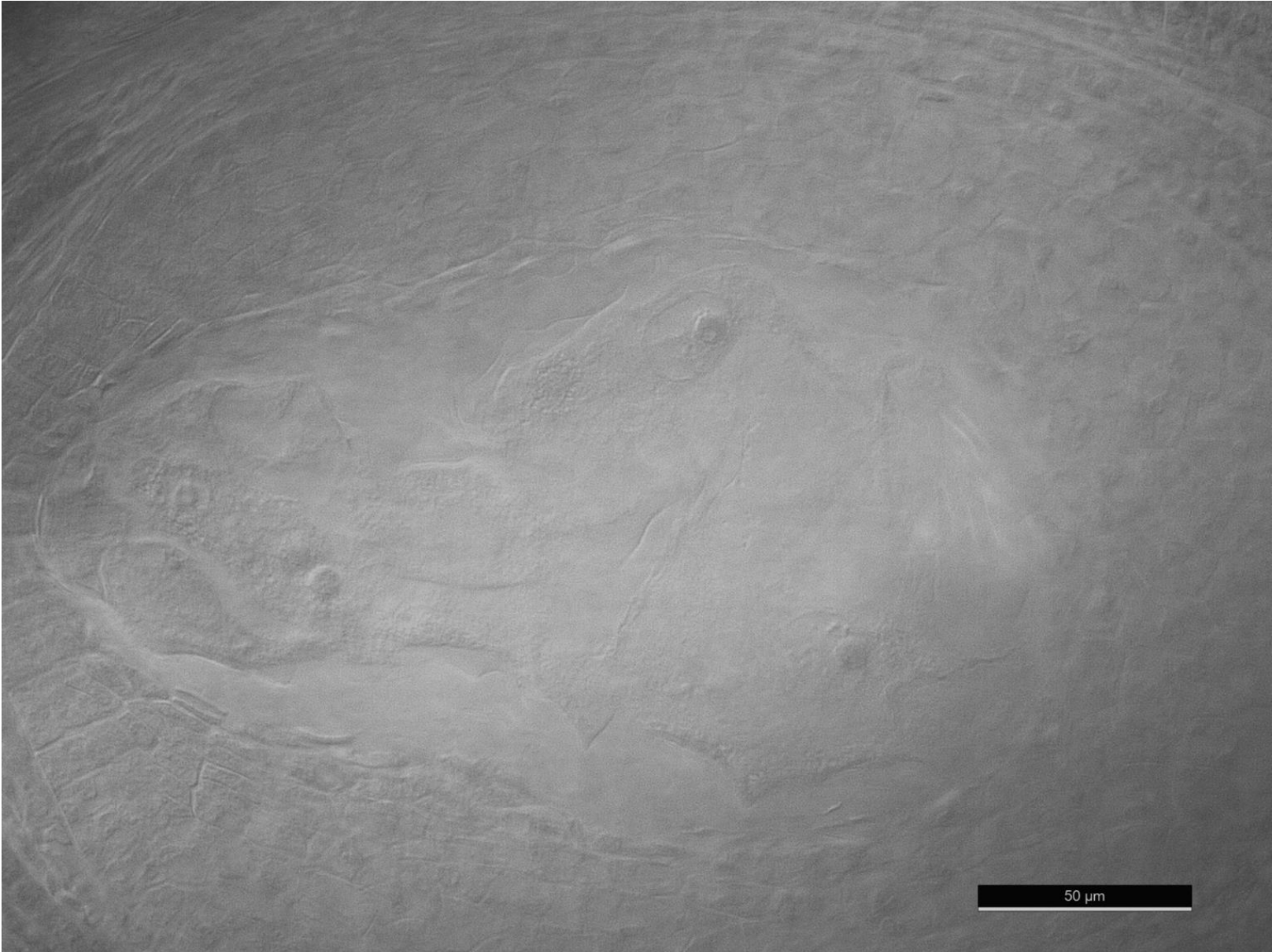


### Supplementary Data Sheet 3

Adjacent focal planes of the antisense plants' ovules shown in Figure 2E-F and ovules of sexual and apomictic controls

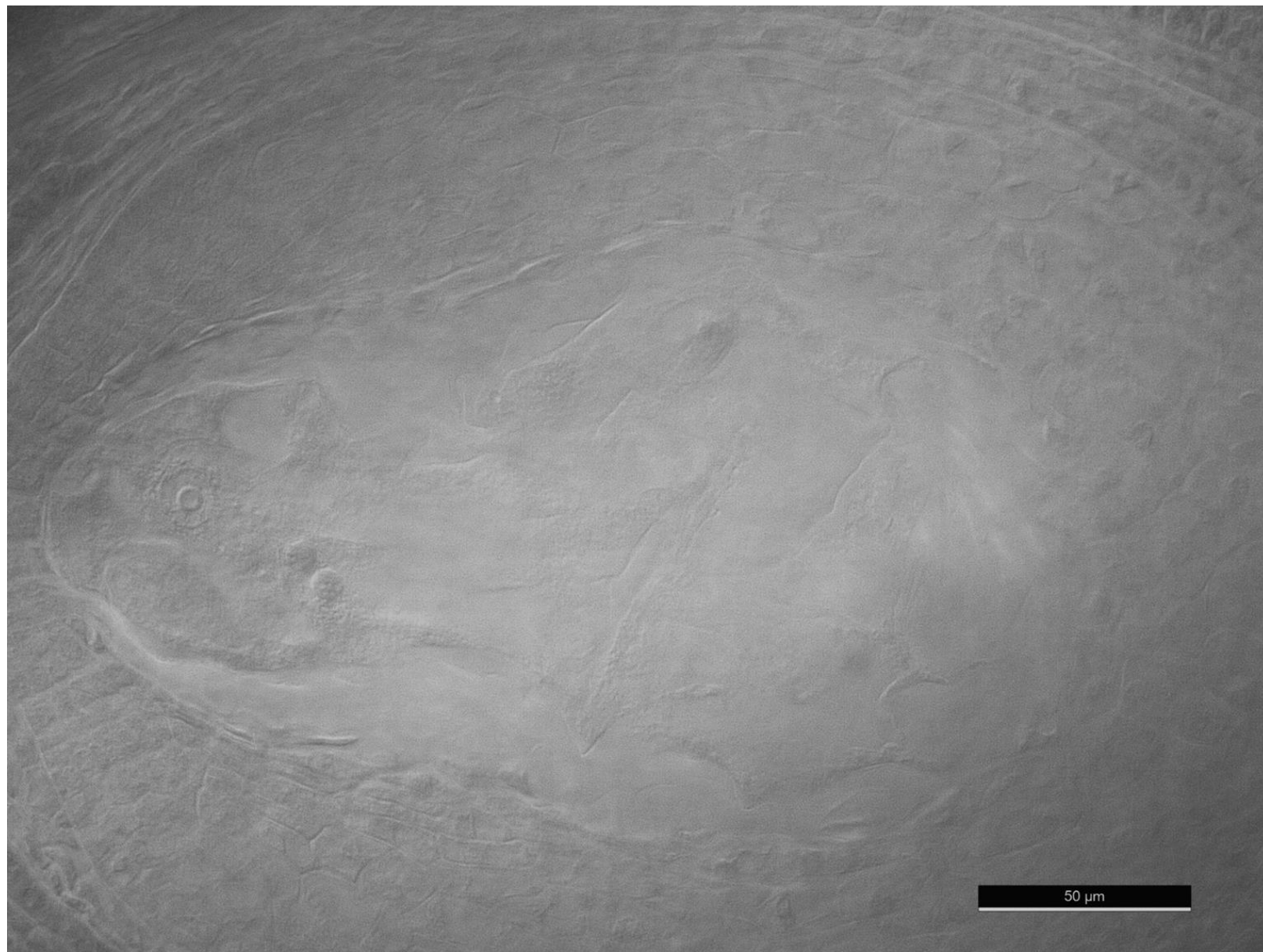


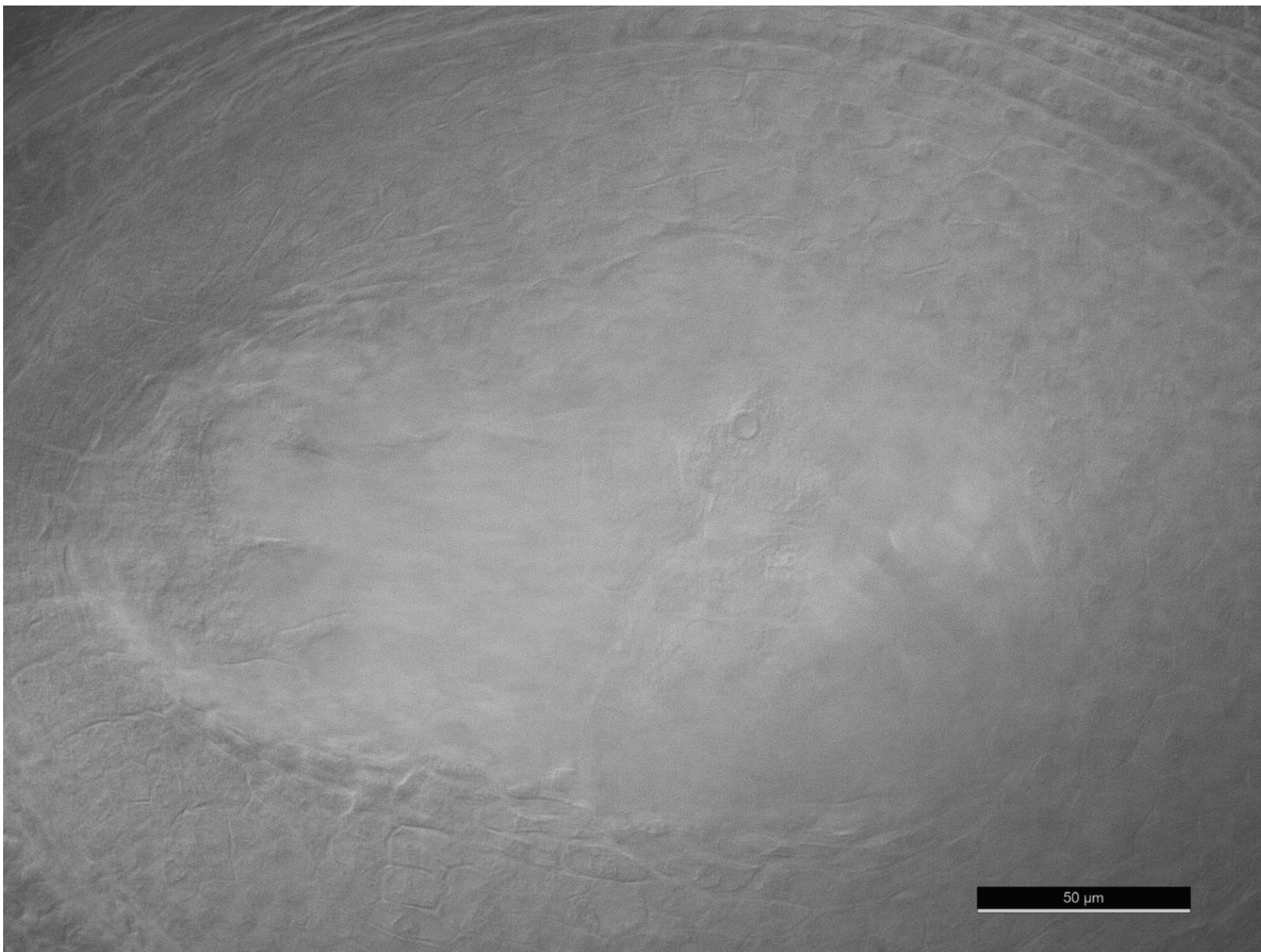
**Fig. 2E ovule, antisense plant E2.9,  
focal plane 1**



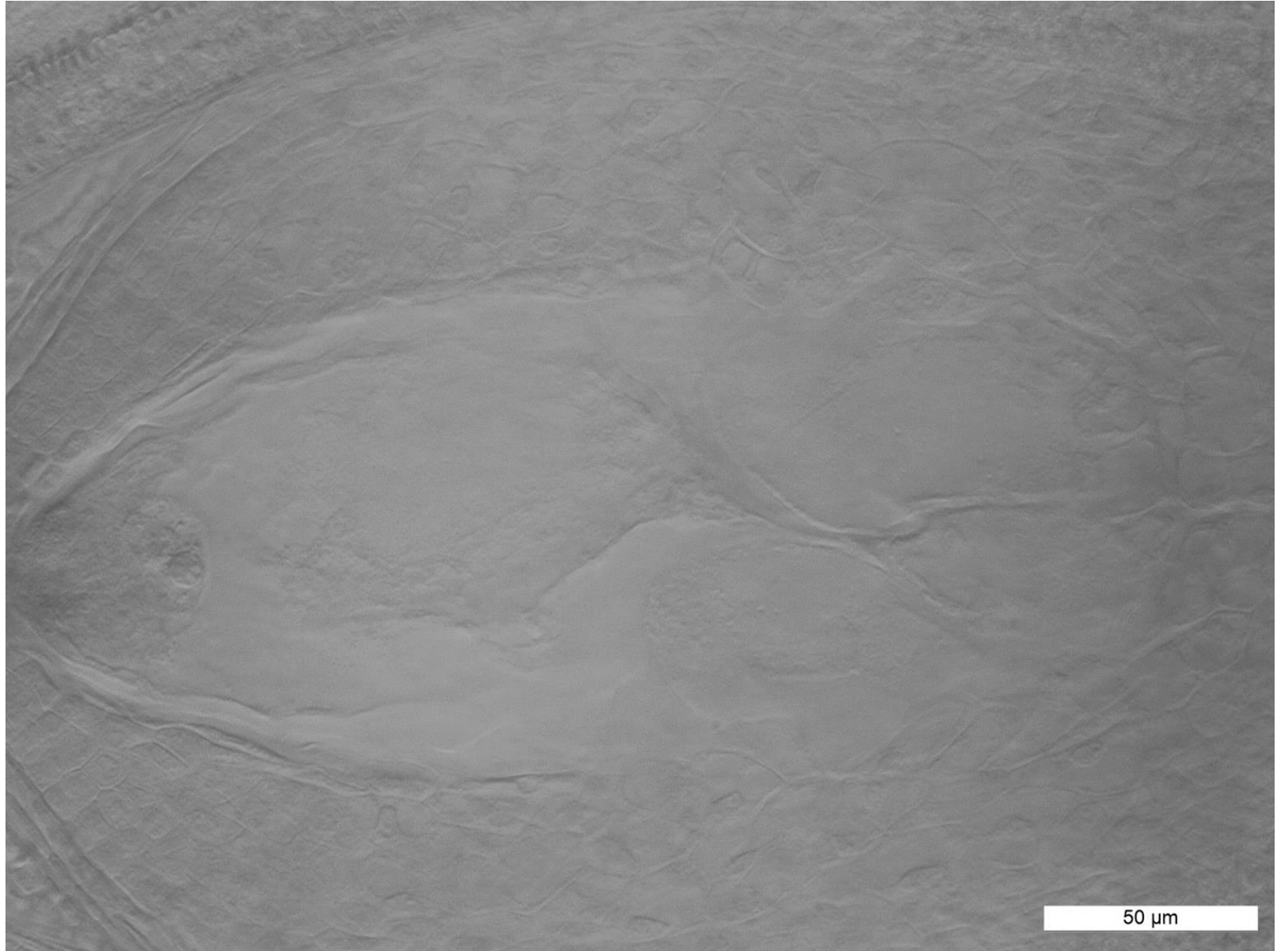
**Fig. 2E ovule, antisense plant E2.9,  
focal plane 2**

**Fig. 2E ovule, antisense plant E2.9,  
focal plane 3**



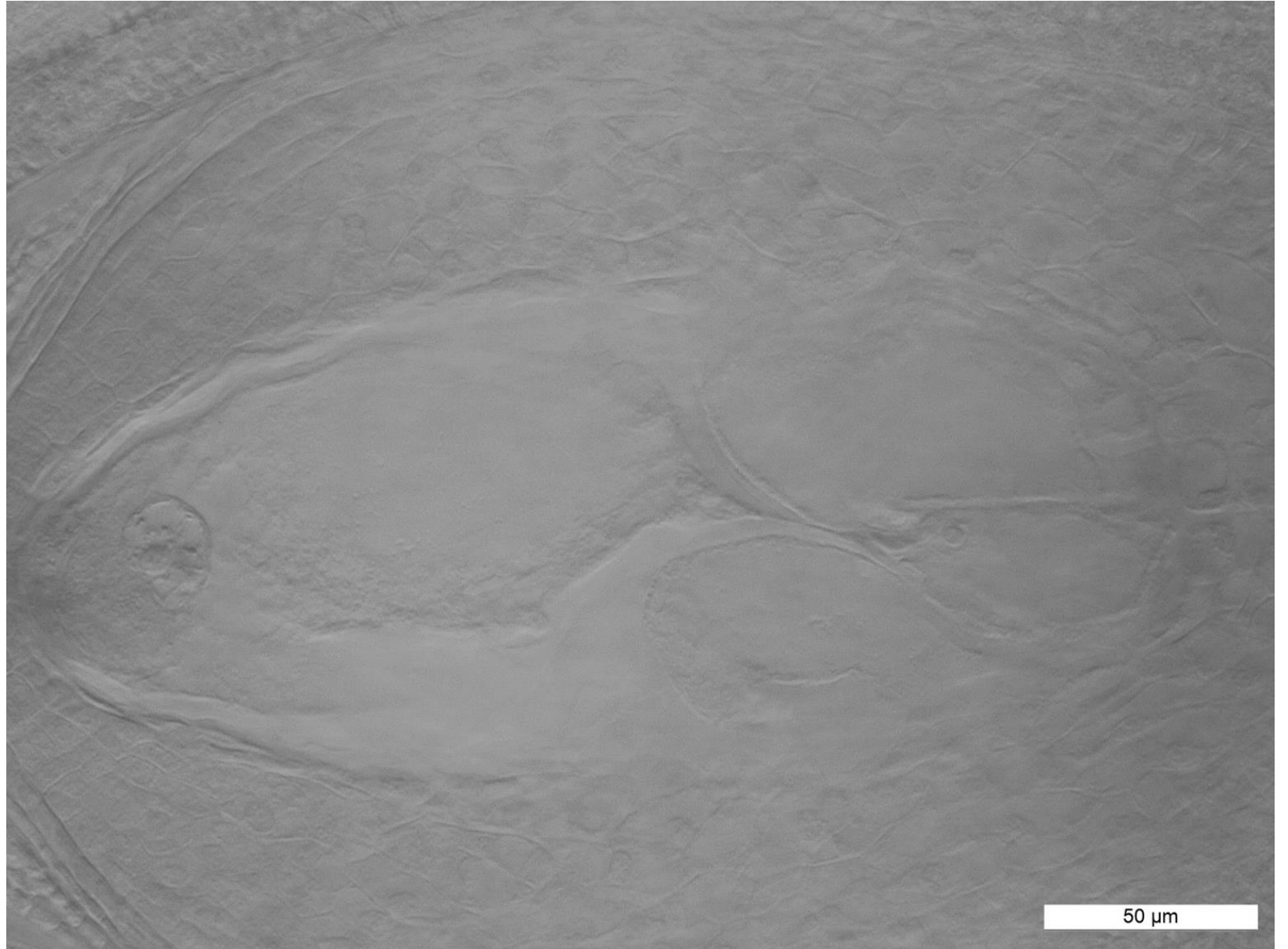


**Fig. 2E ovule, antisense plant E2.9,  
focal plane 4**

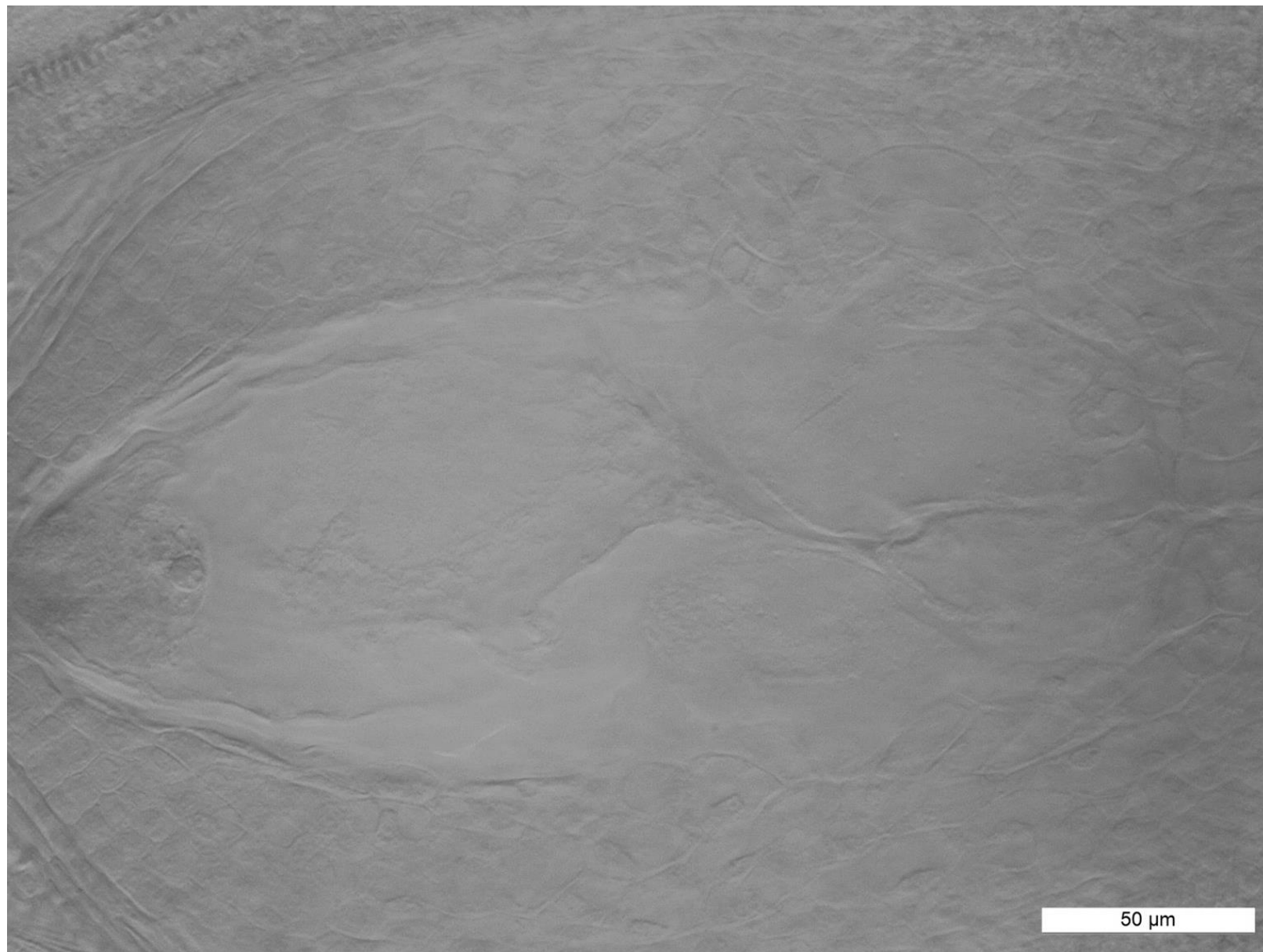


**Fig. 2F ovule, antisense plant E2.13,  
focal plane 1**

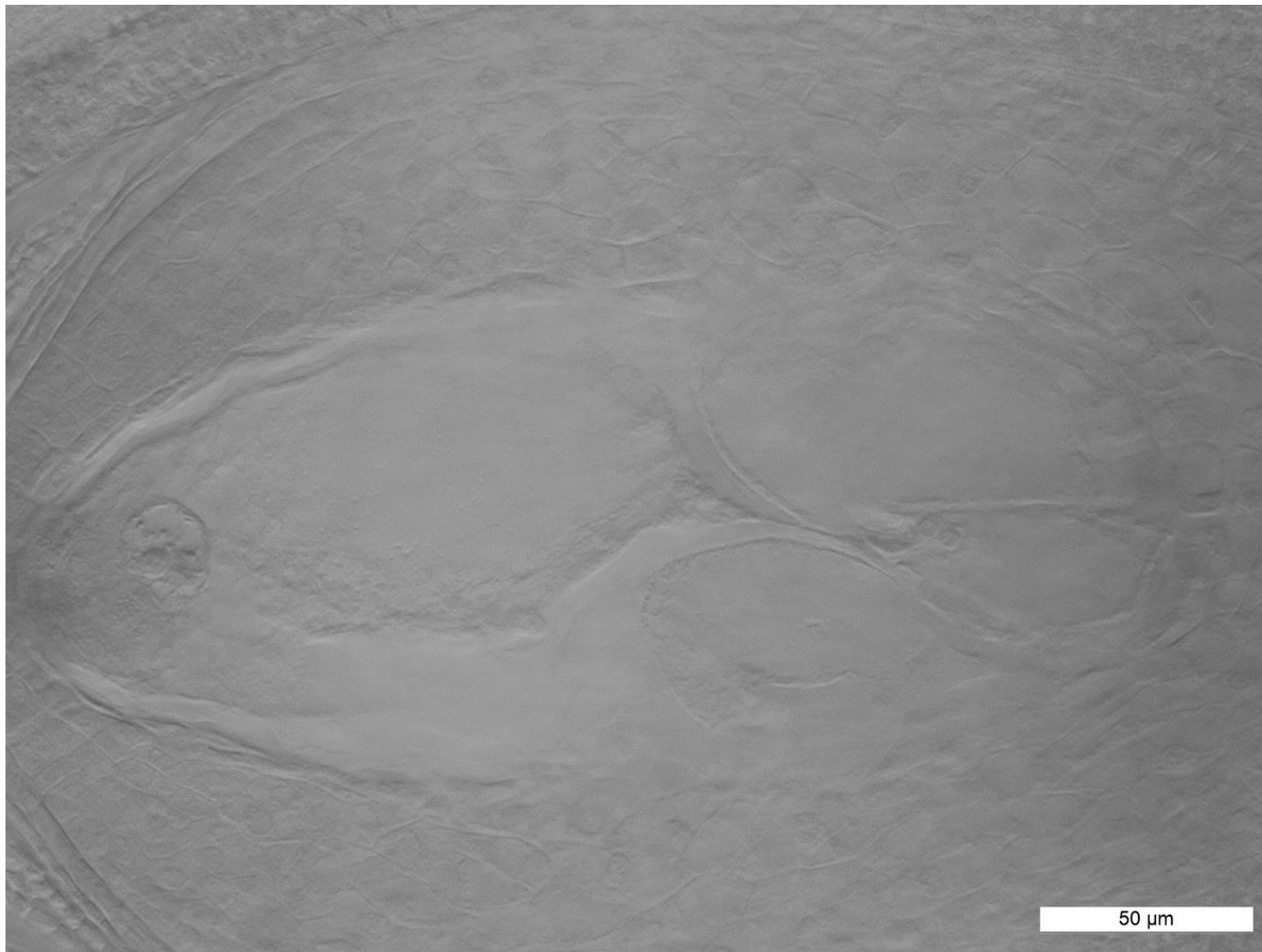
**Fig. 2F ovule, antisense plant E2.13,  
focal plane 2**



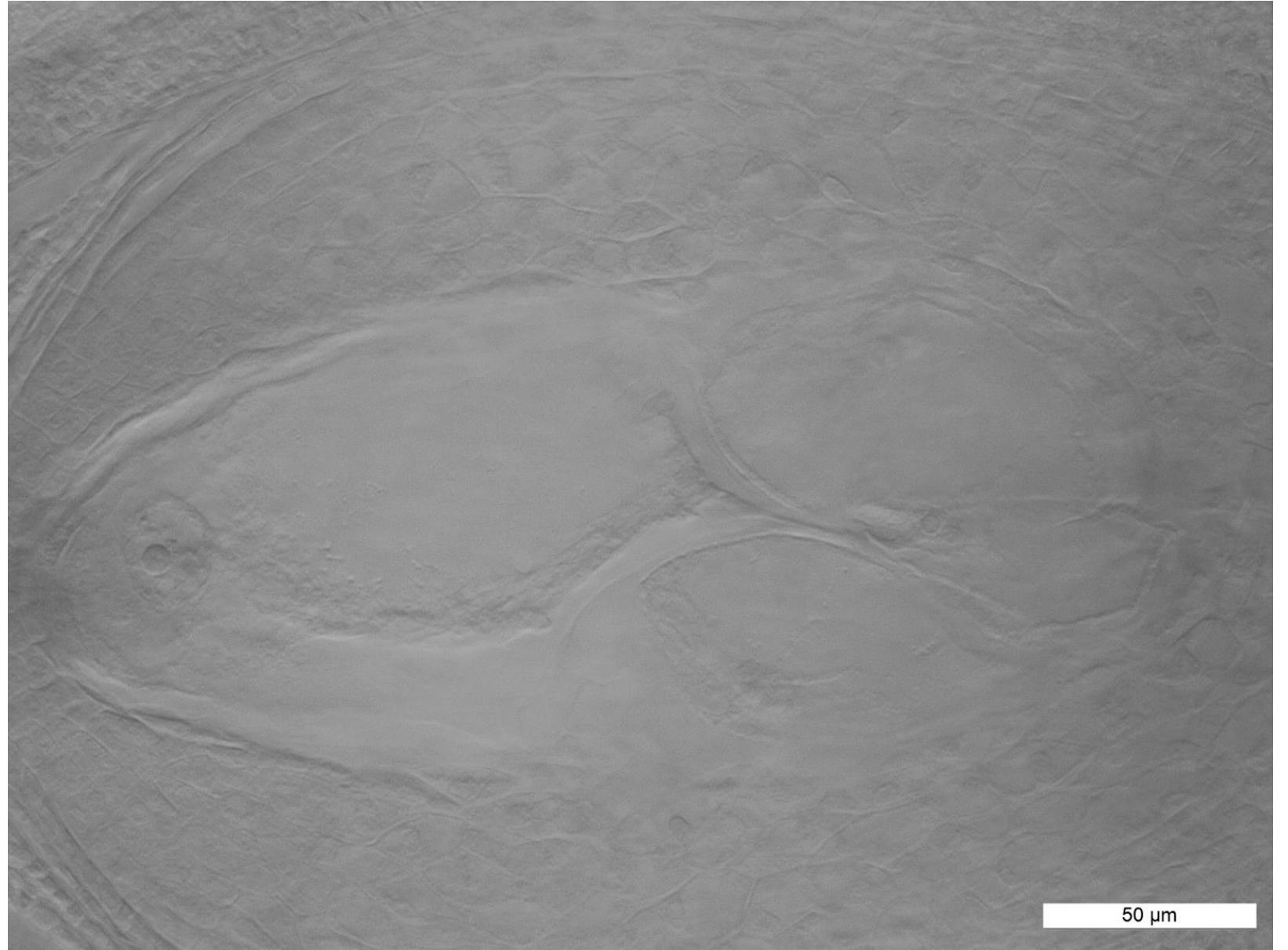
**Fig. 2F ovule, antisense plant E2.13,  
focal plane 3**



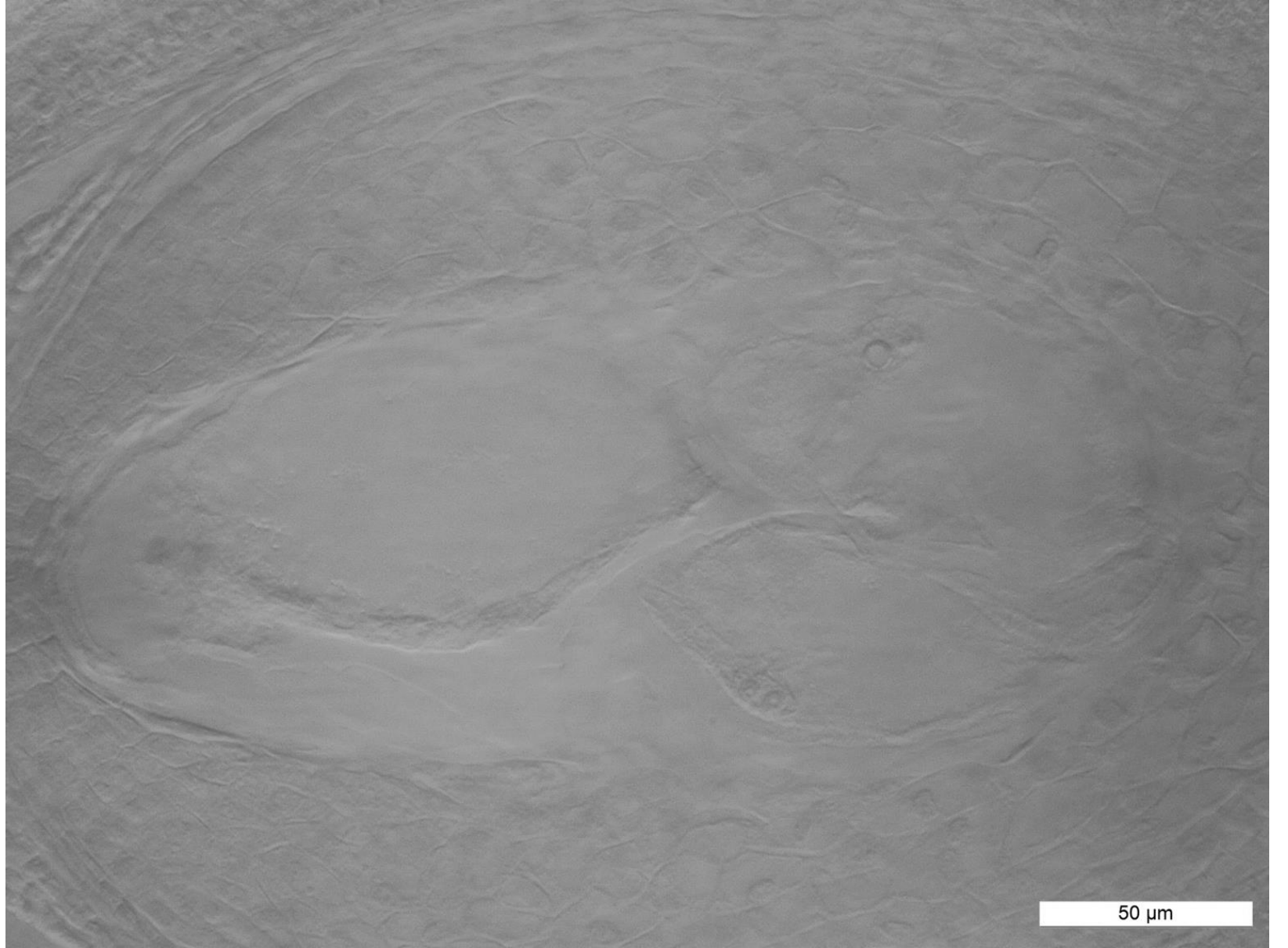
**Fig. 2F ovule, antisense plant E2.13,  
focal plane 4**





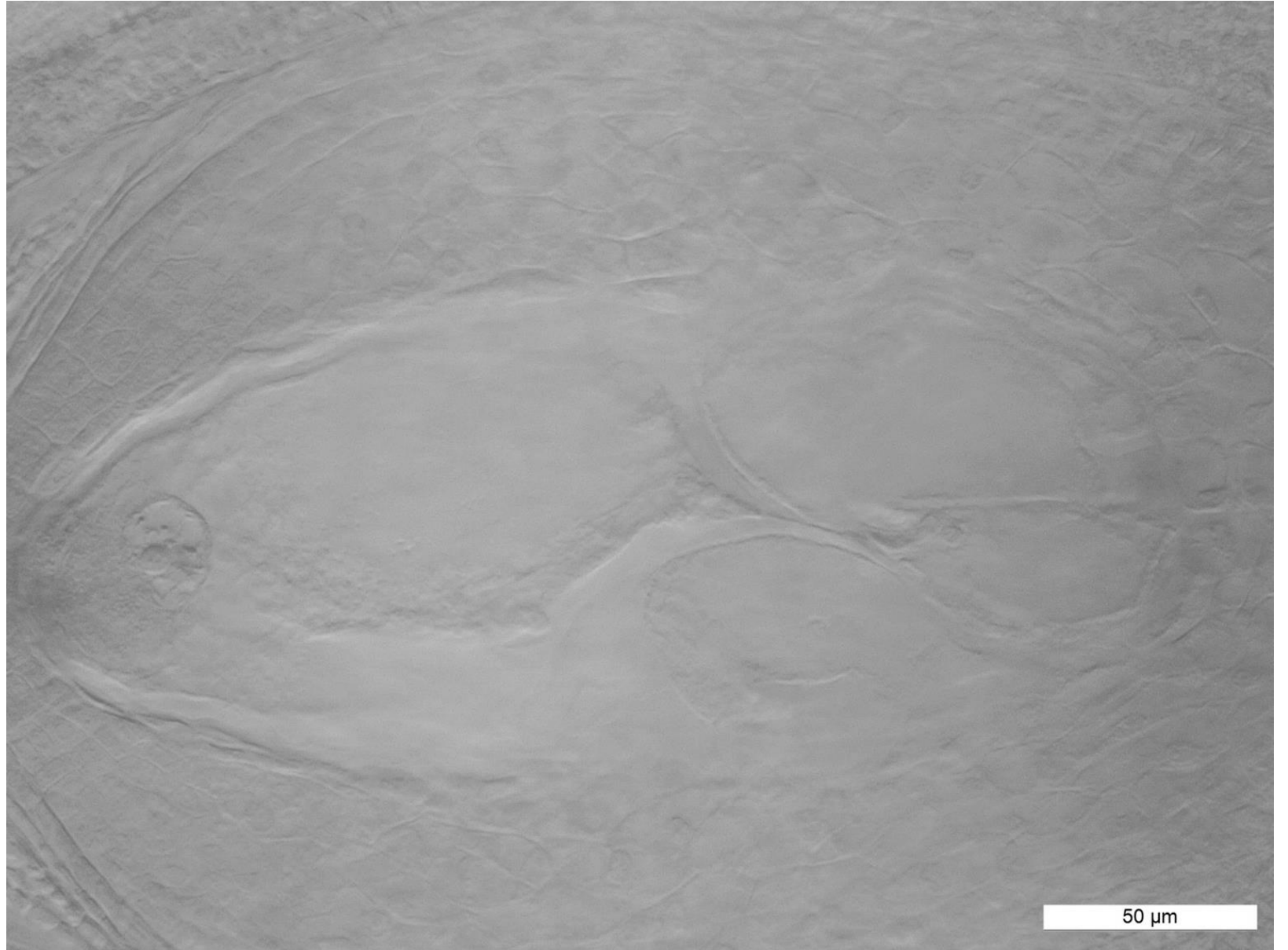


**Fig. 2F ovule, antisense plant E2.13,  
focal plane 5**

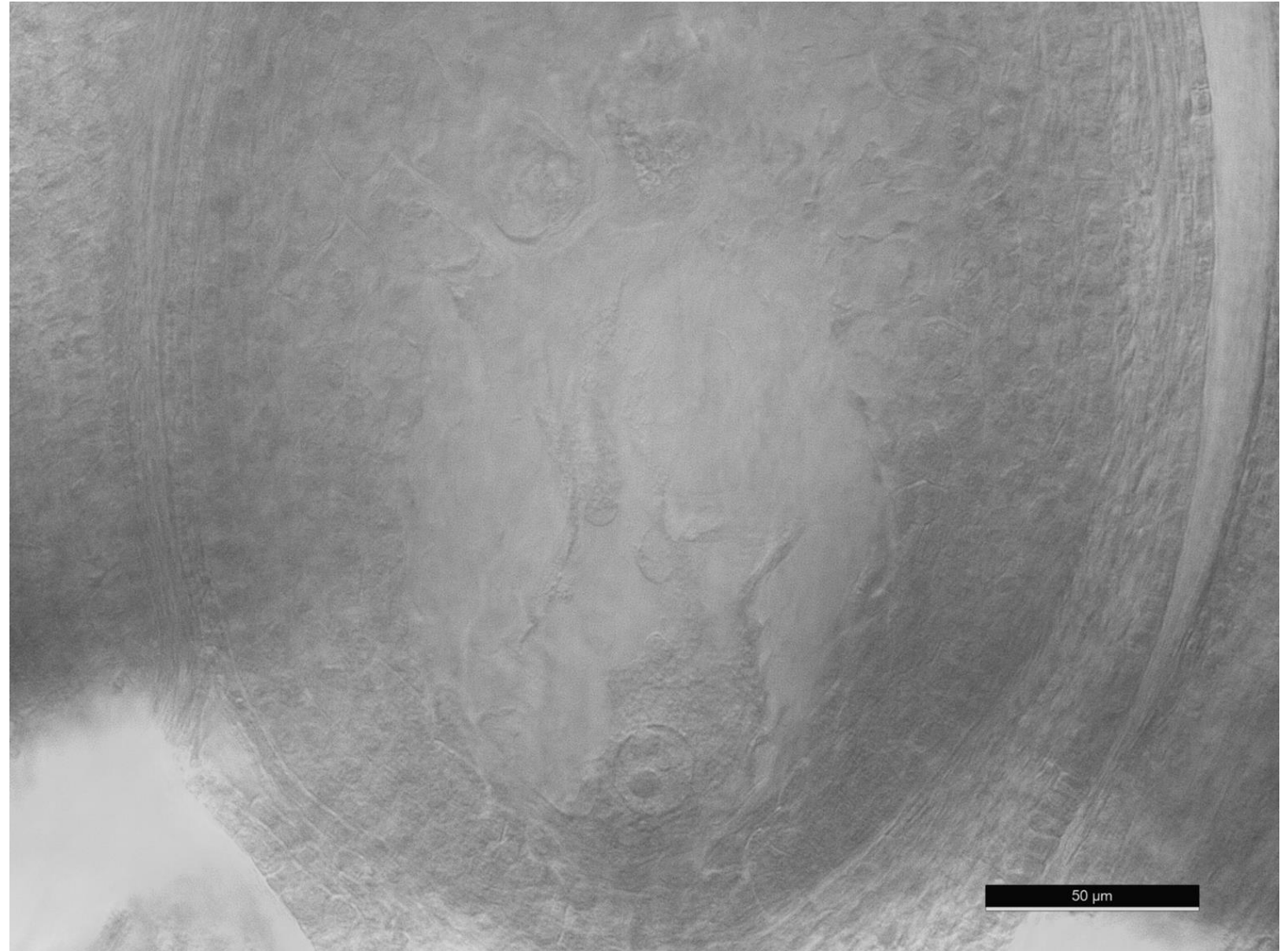


**Fig. 2F ovule, antisense plant E2.13,  
focal plane 6**

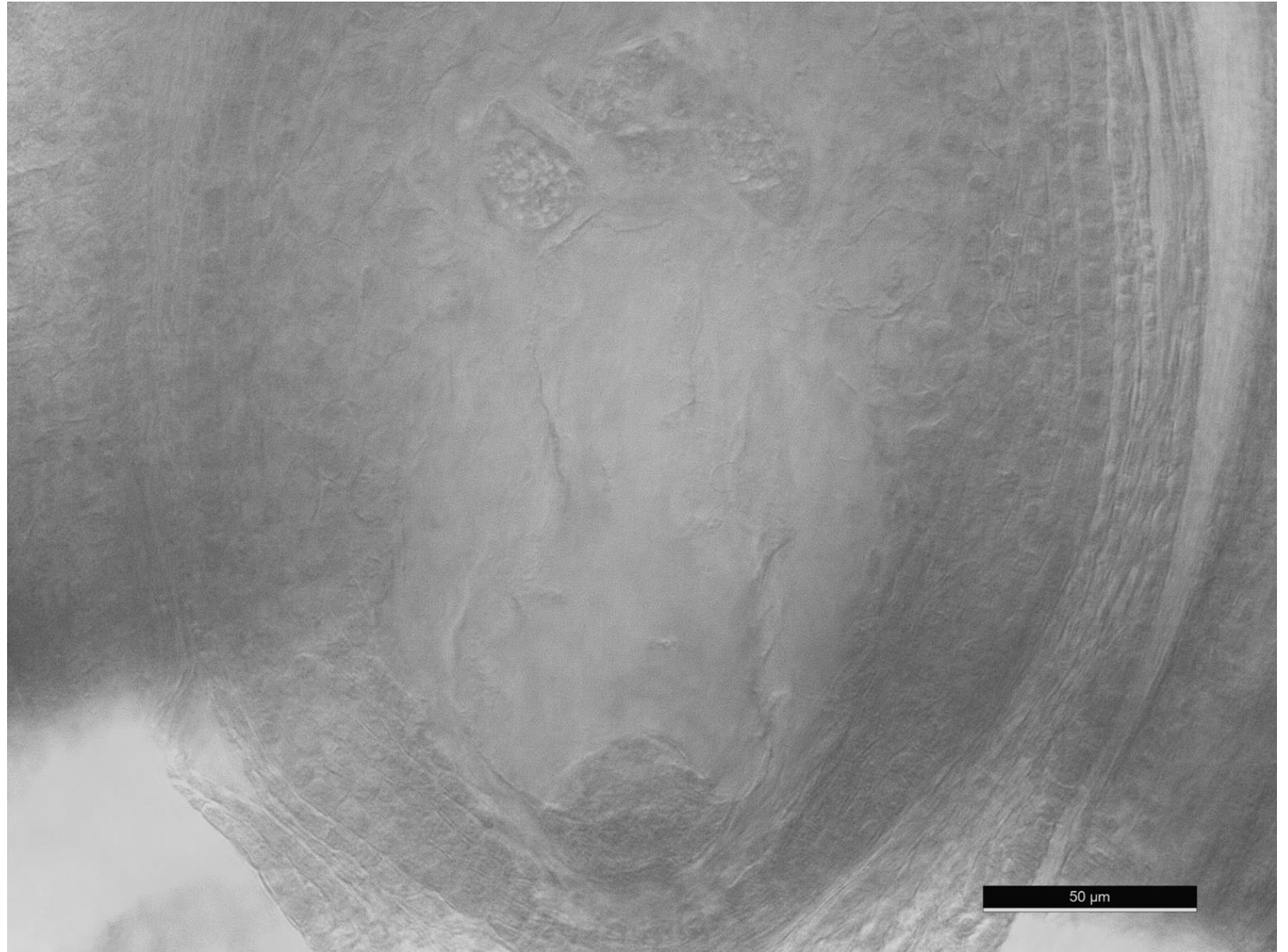
**Fig. 2F ovule, antisense plant E2.13,  
focal plane 7**



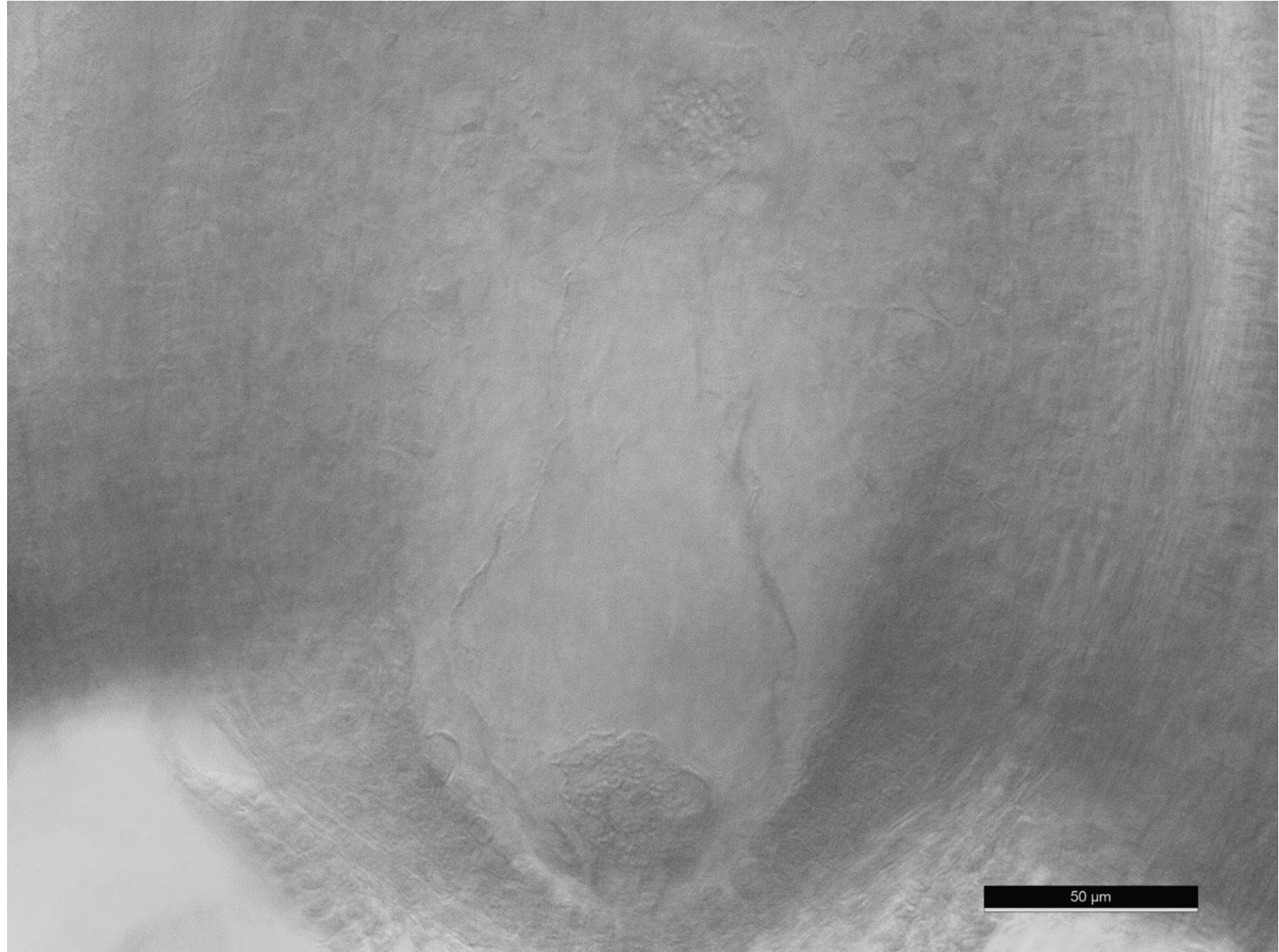
**Meiotic ovule containing a single sexual embryo sac (antipodal cells at the top). Image originated from sexual control plant F58 (sexual polycross used as explant in transformation experiments). Focal plane 1.**



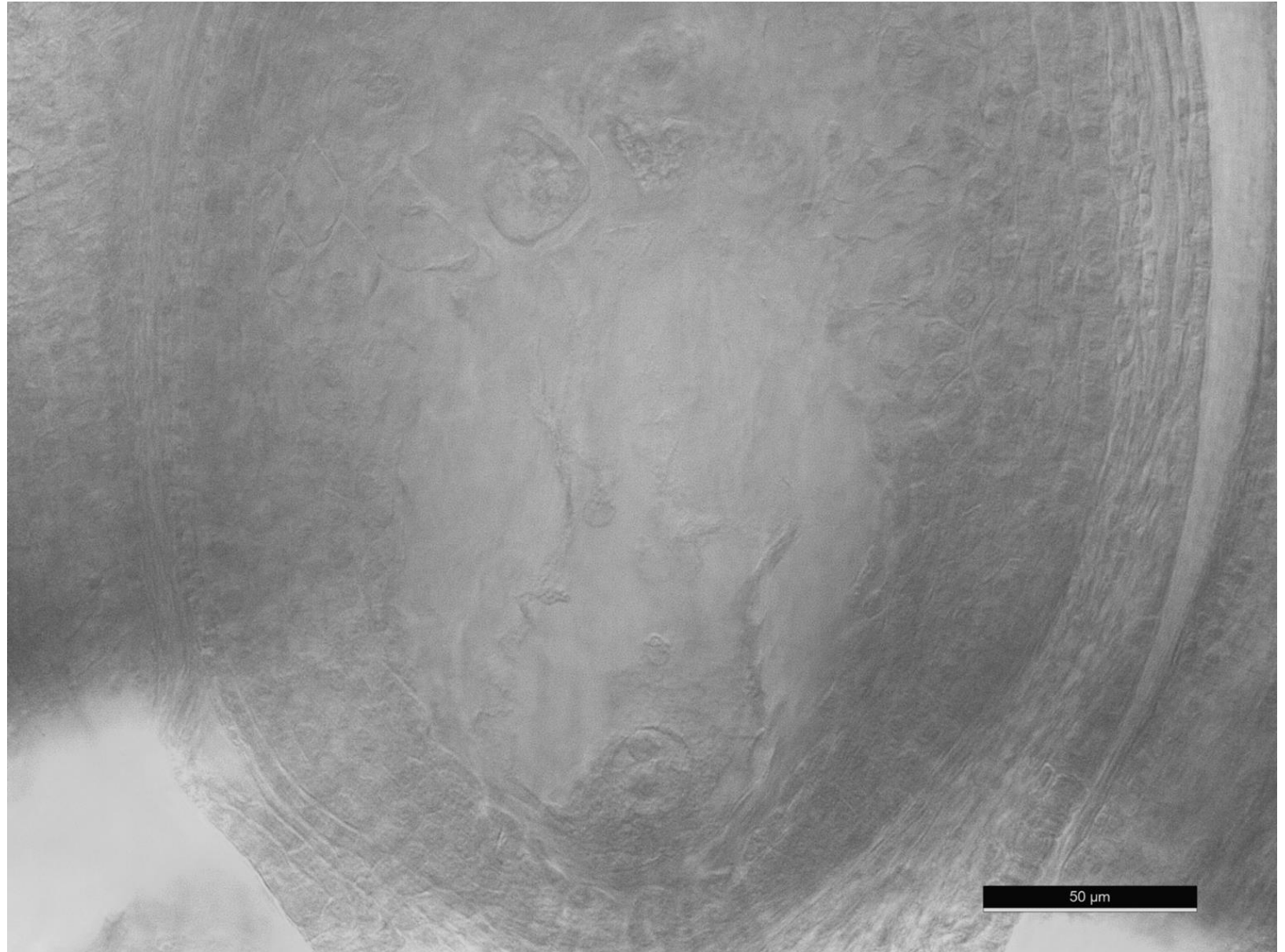
**Meiotic ovule containing a single sexual embryo sac (antipodal cells at the top). Image originated from sexual control plant F58 (sexual polycross used as explant in transformation experiments). Focal plane 2.**



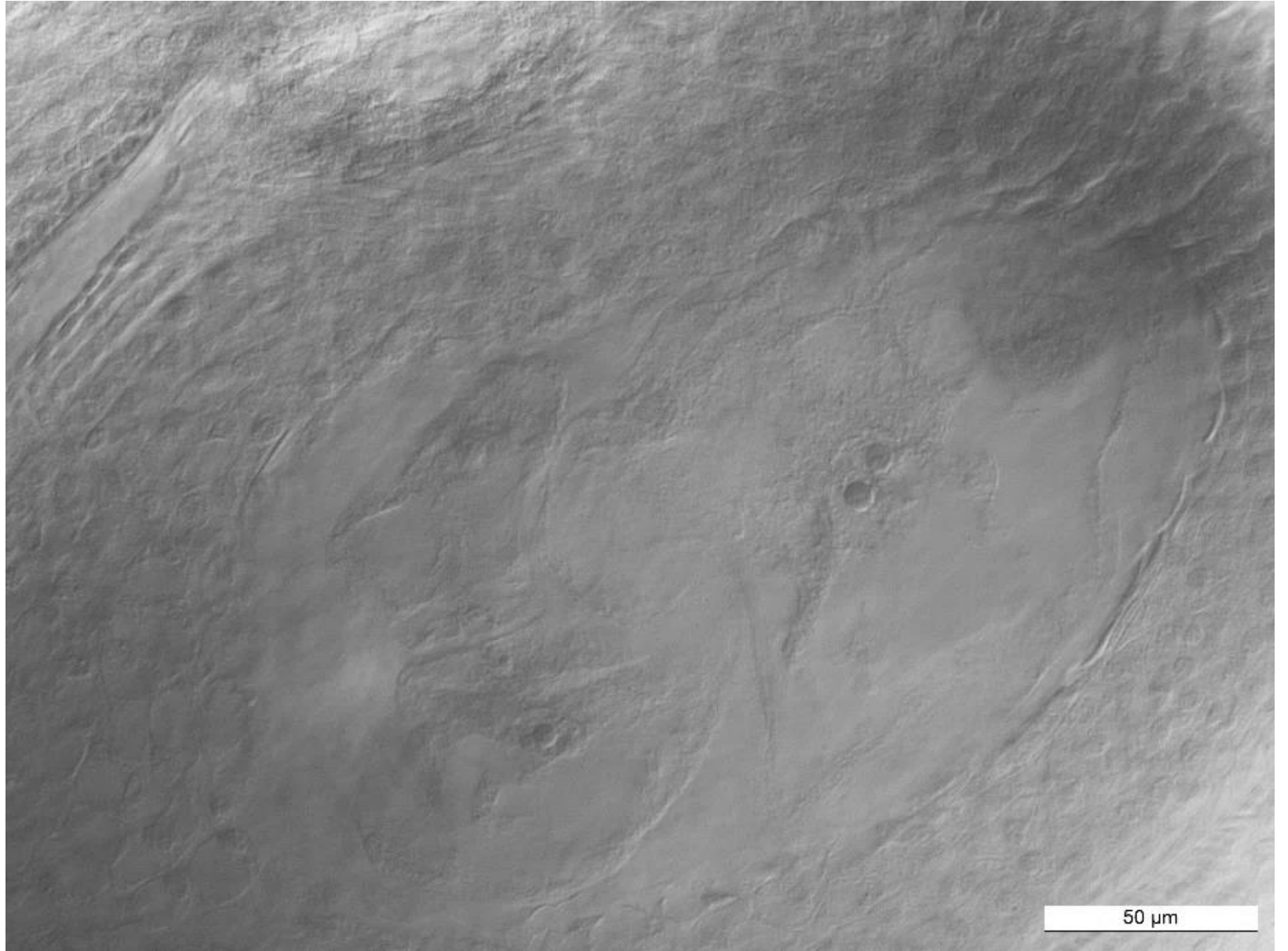
**Meiotic ovule containing a single sexual embryo sac (antipodal cells at the top). Image originated from sexual control plant F58 (sexual polycross used as explant in transformation experiments). Focal plane 3.**



**Meiotic ovule containing a single sexual embryo sac (antipodal cells at the top). Image originated from sexual control plant F58 (sexual polycross used as explant in transformation experiments). Focal plane 4.**

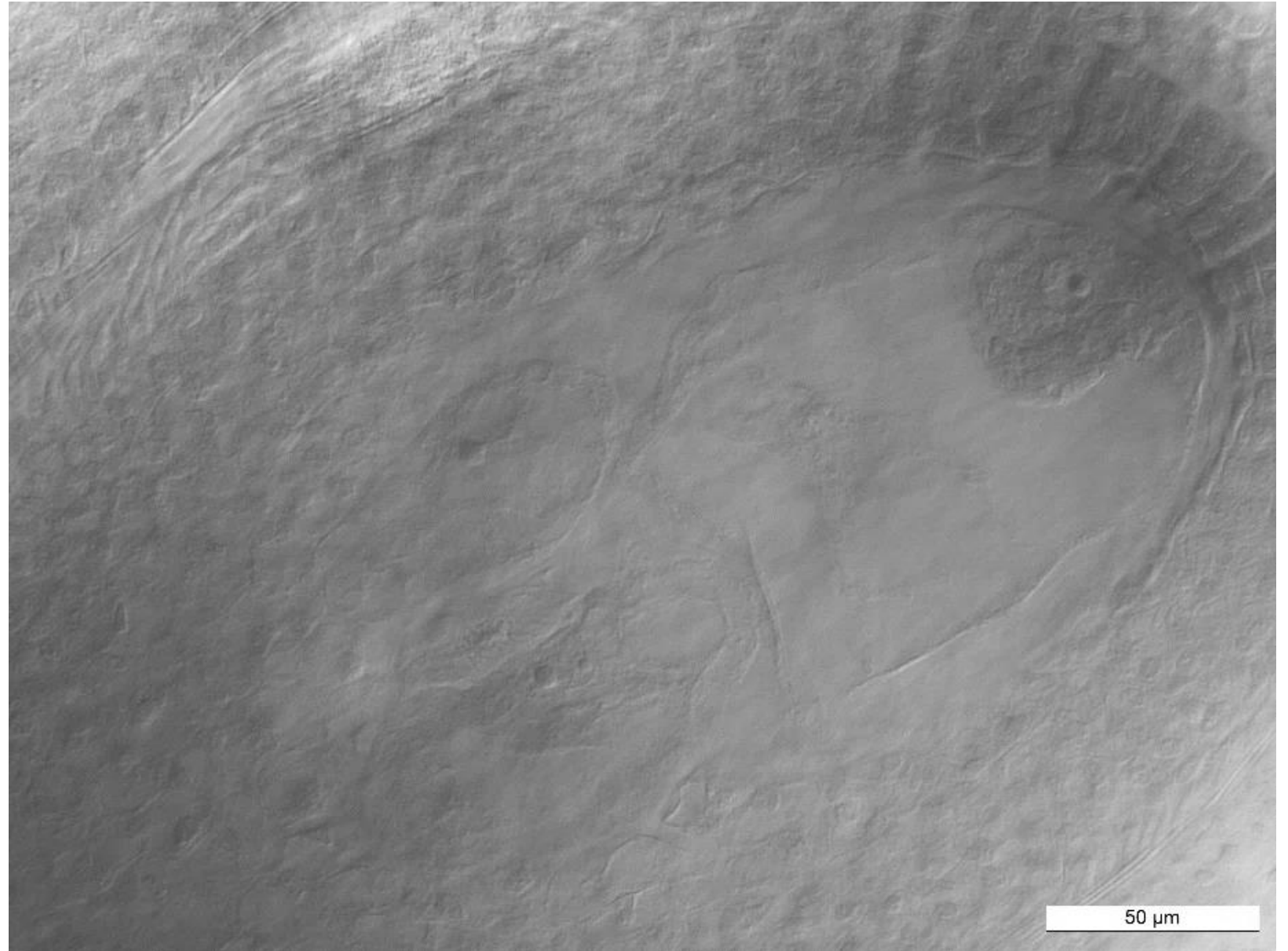


**Aposporous ovule containing several mature AES, originated from obligate apomictic plant Q4117 (apomictic control), focal plane 1.**

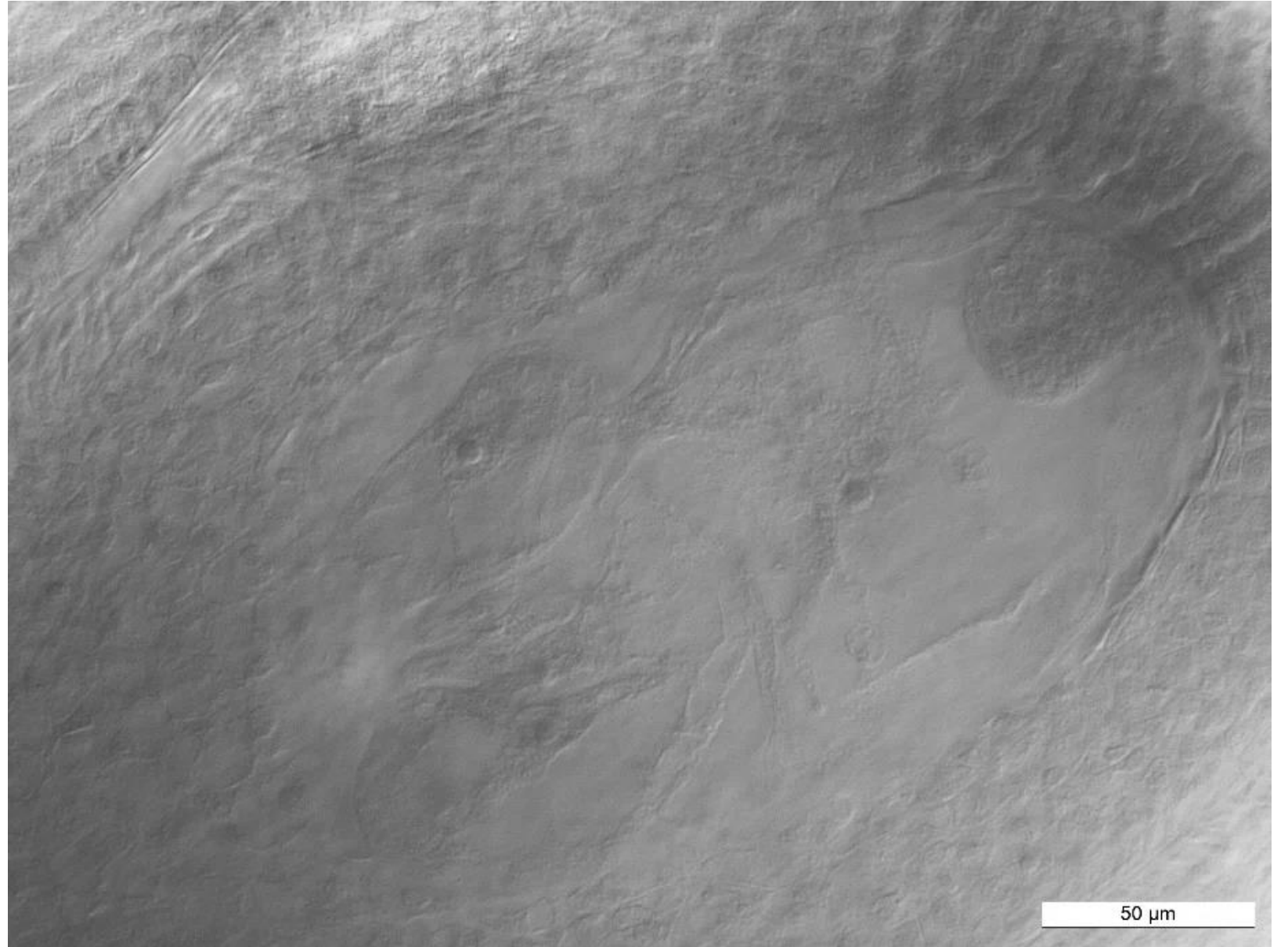




**Aposporous ovule containing several mature AES, originated from obligate apomictic plant Q4117 (apomictic control), focal plane 2.**



**Aposporous ovule containing several mature AES, originated from obligate apomictic plant Q4117 (apomictic control), focal plane 3.**



**Aposporous ovule containing several mature AES, originated from obligate apomictic plant Q4117 (apomictic control), focal plane 4.**

