

Advanced Cell Biology lab 1.

Organelles

January 24th, 2011

Background There 14 transmission electronic microphotographs of cells from bacteria, protists, plants and animals. Choose 10 and proceed to the next step.

Determine organelles On each photo chosen, find as many different organelles as possible and label them. Use arrows to connect labels and places.

Guess the origin of cells For each photo chosen, answer three questions:

1. Is that prokaryotic cell?
2. Does it belong to unicellular or multicellular organism?
3. Is this cell photosynthetic?

Put your answers nearby to photo.

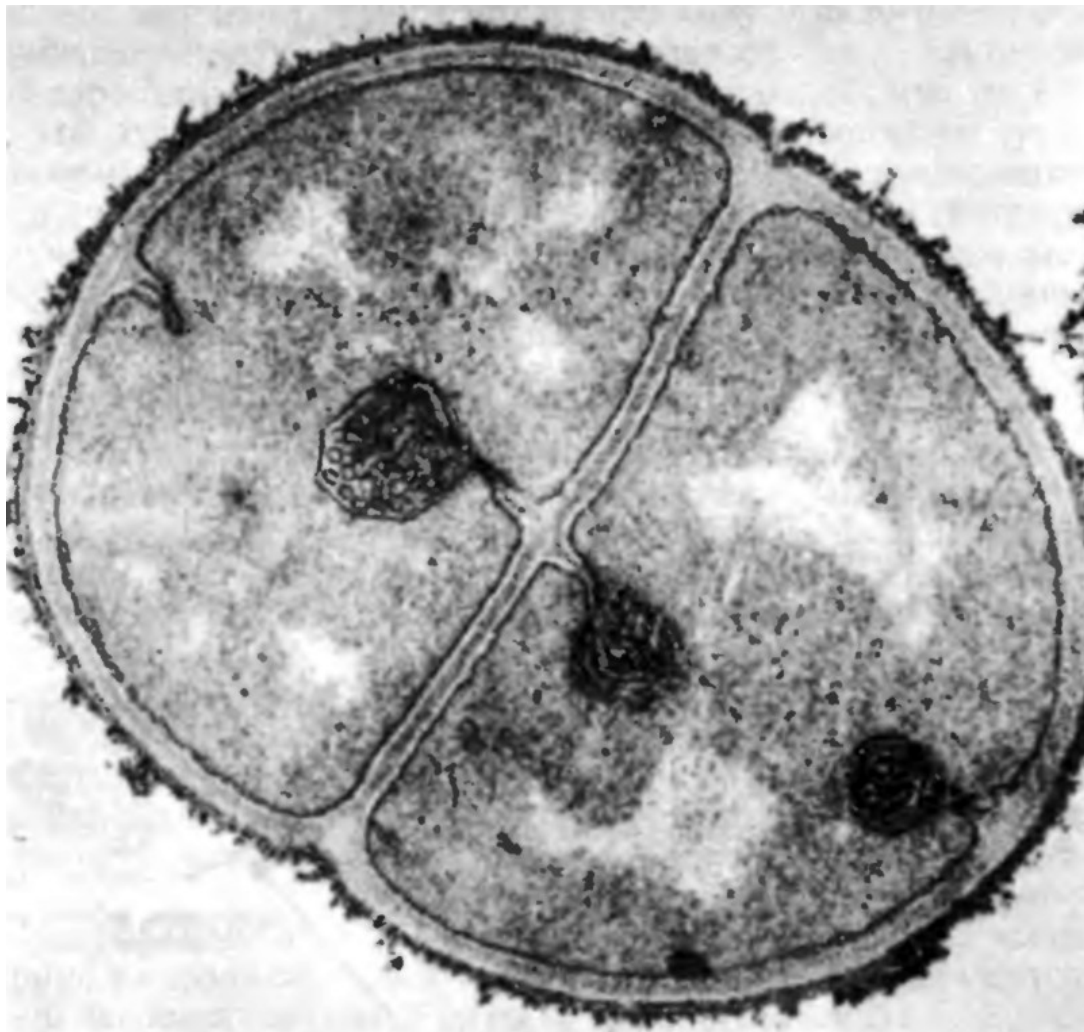


Fig. 1.



Fig. 2.

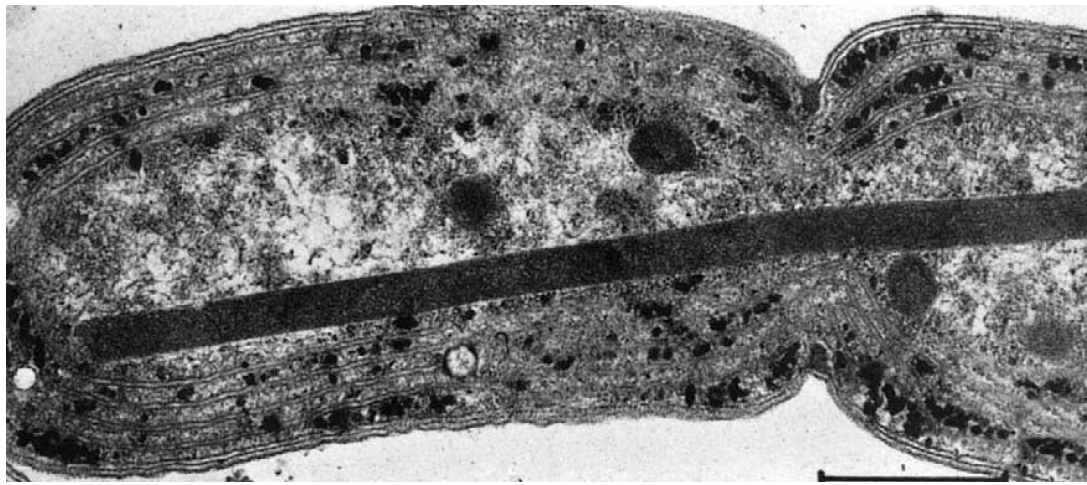


Fig. 3.

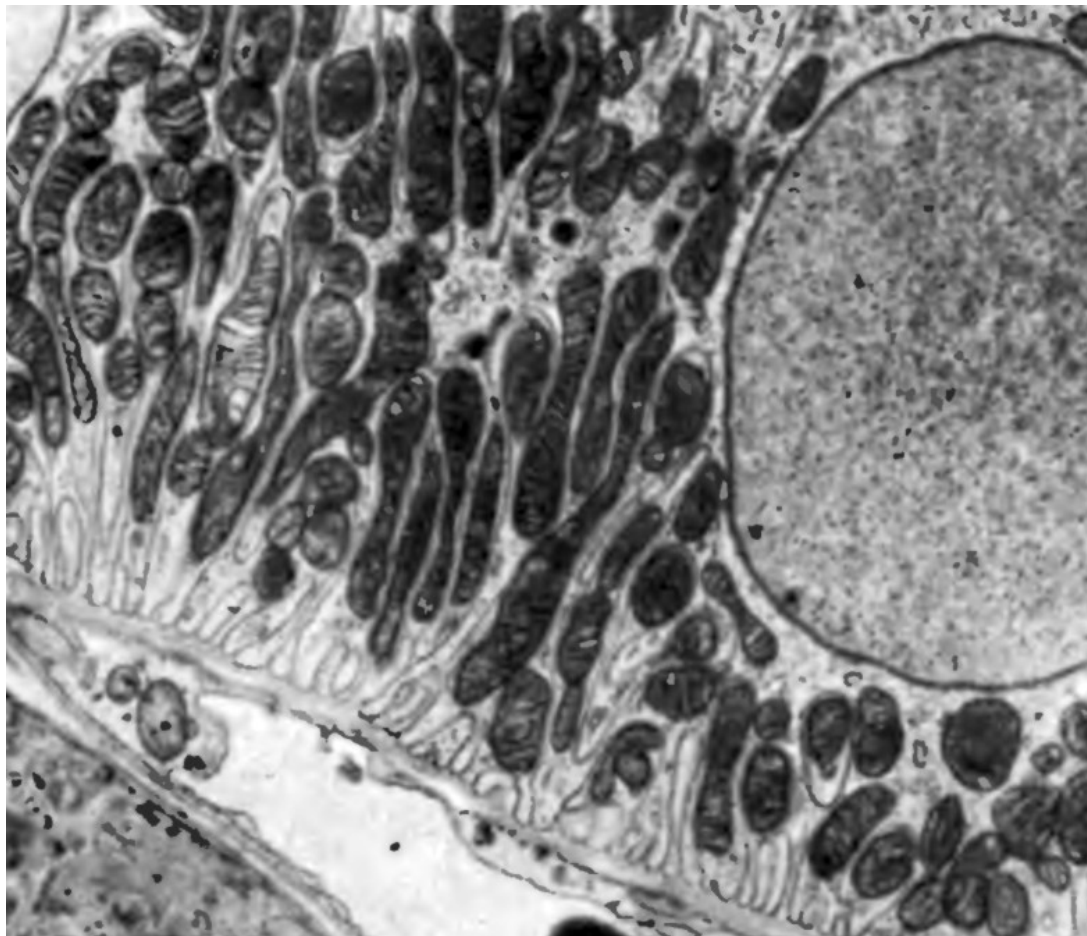


Fig. 4.

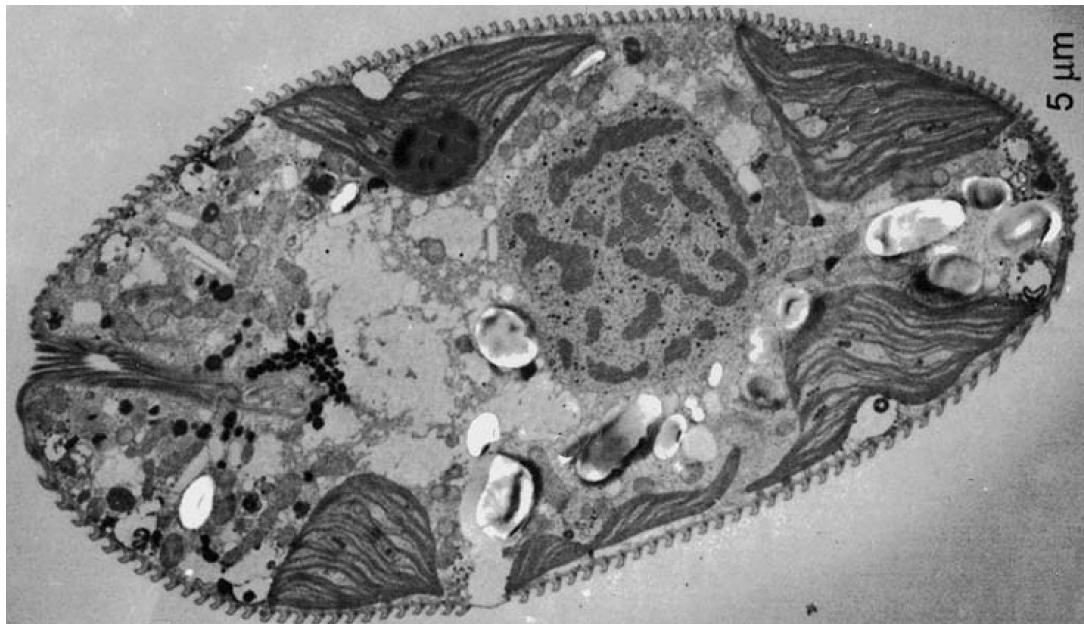


Fig. 5.

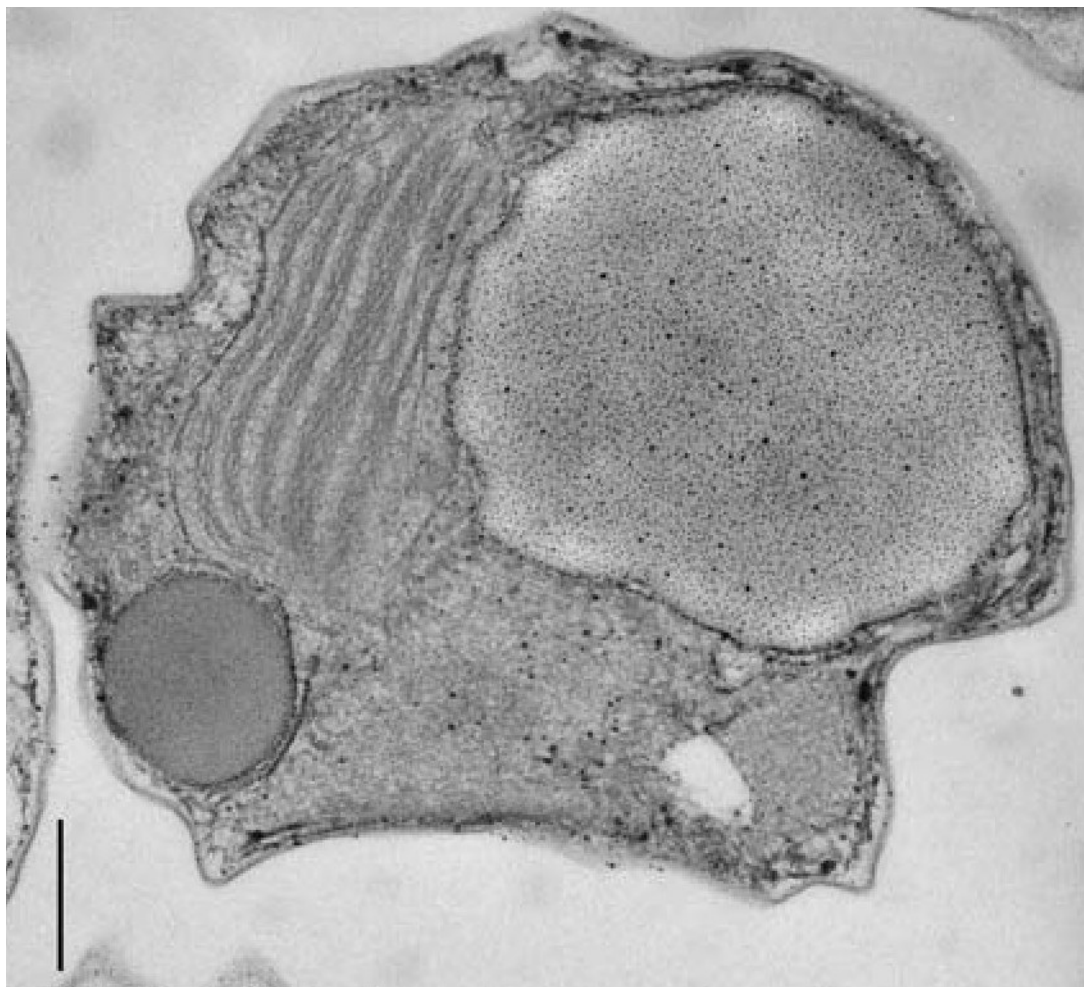


Fig. 6.

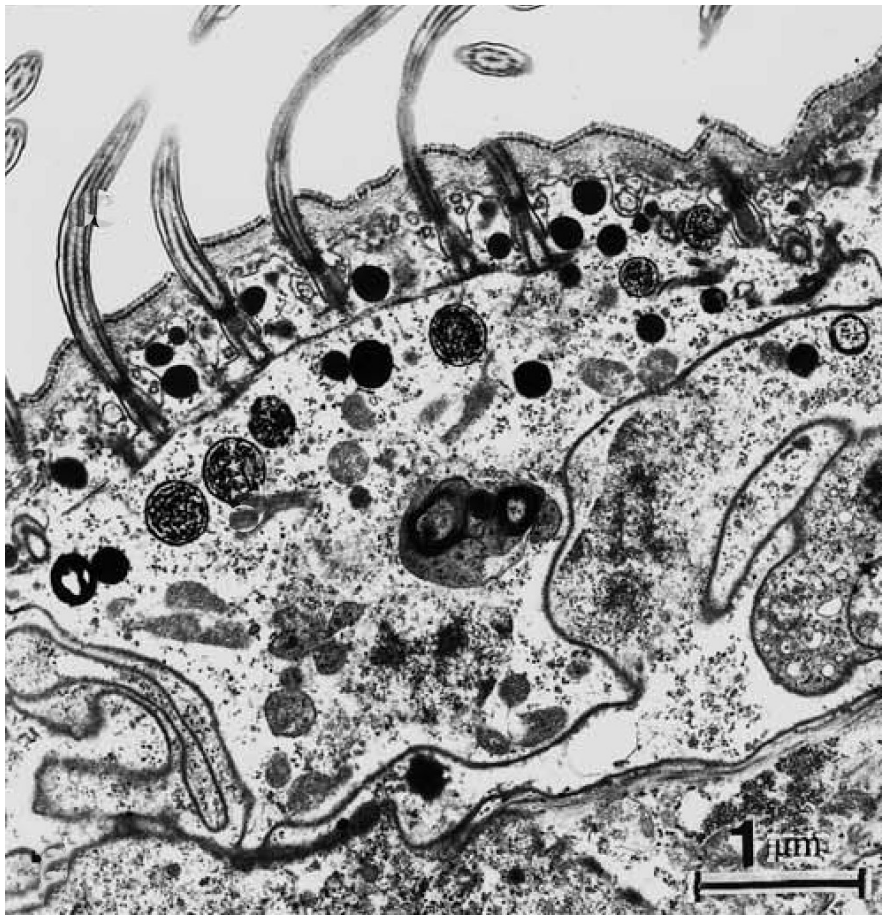


Fig. 7.

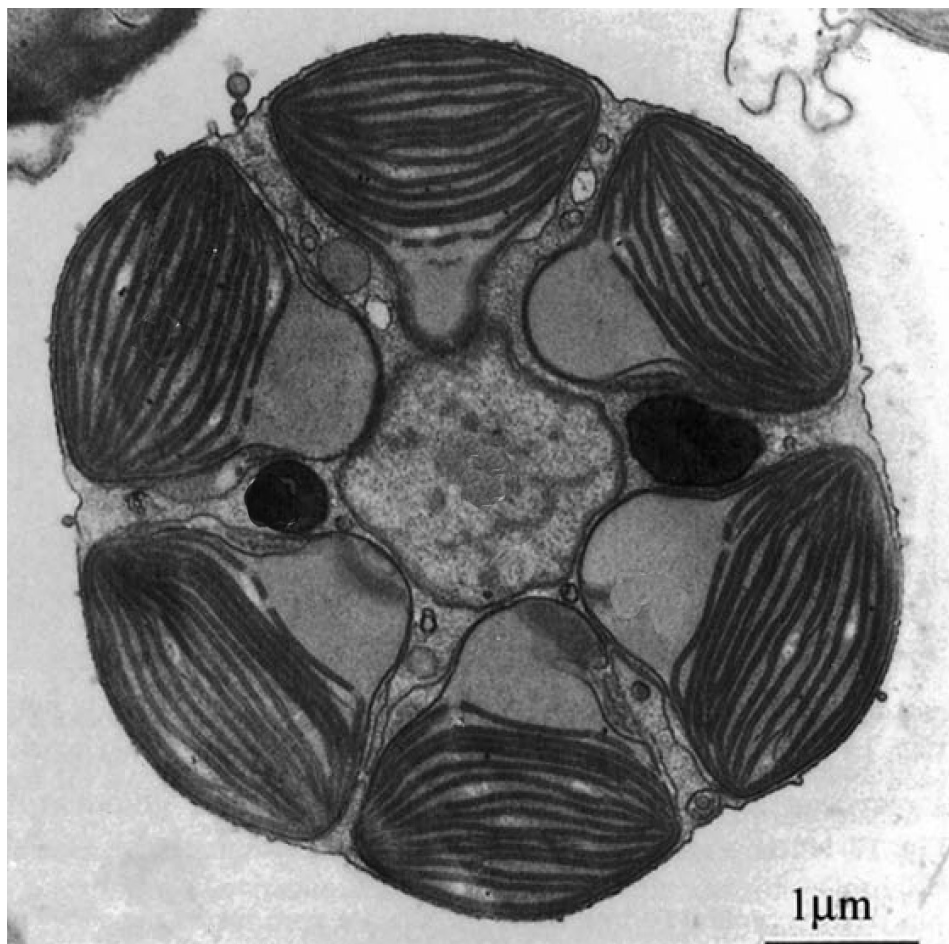


Fig. 8.

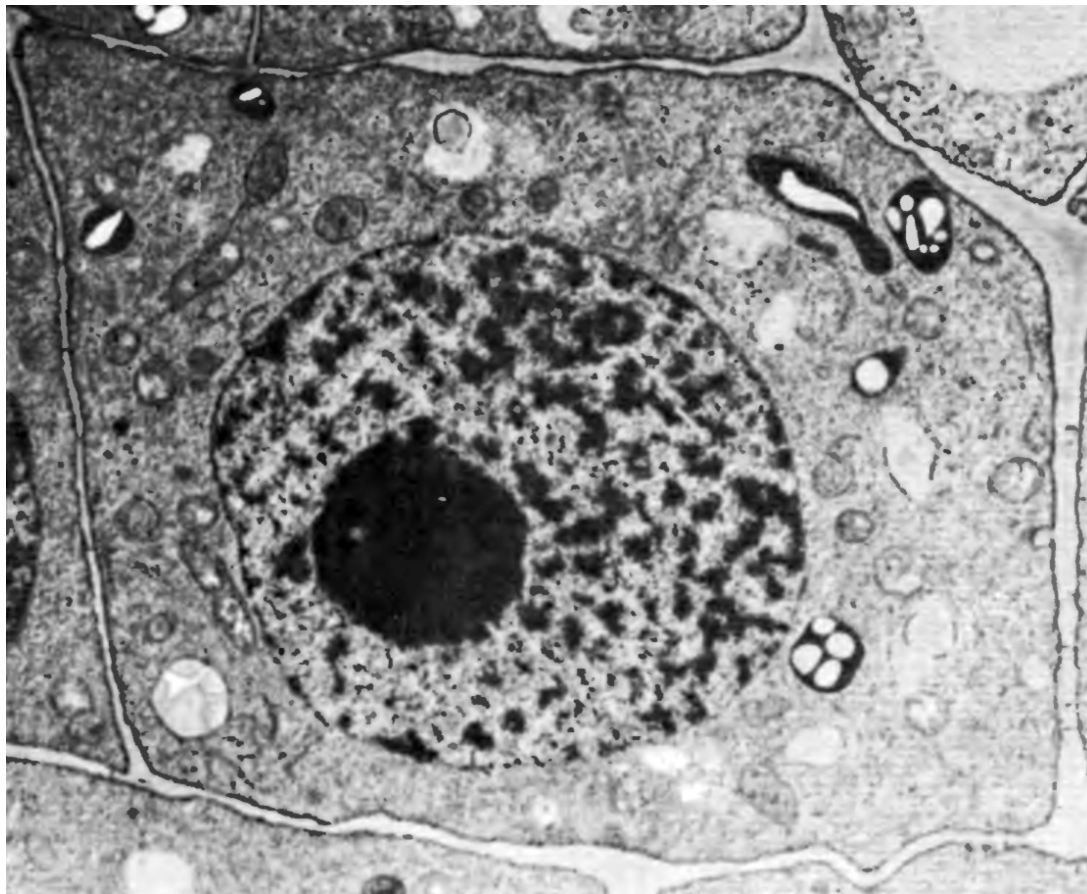


Fig. 9.

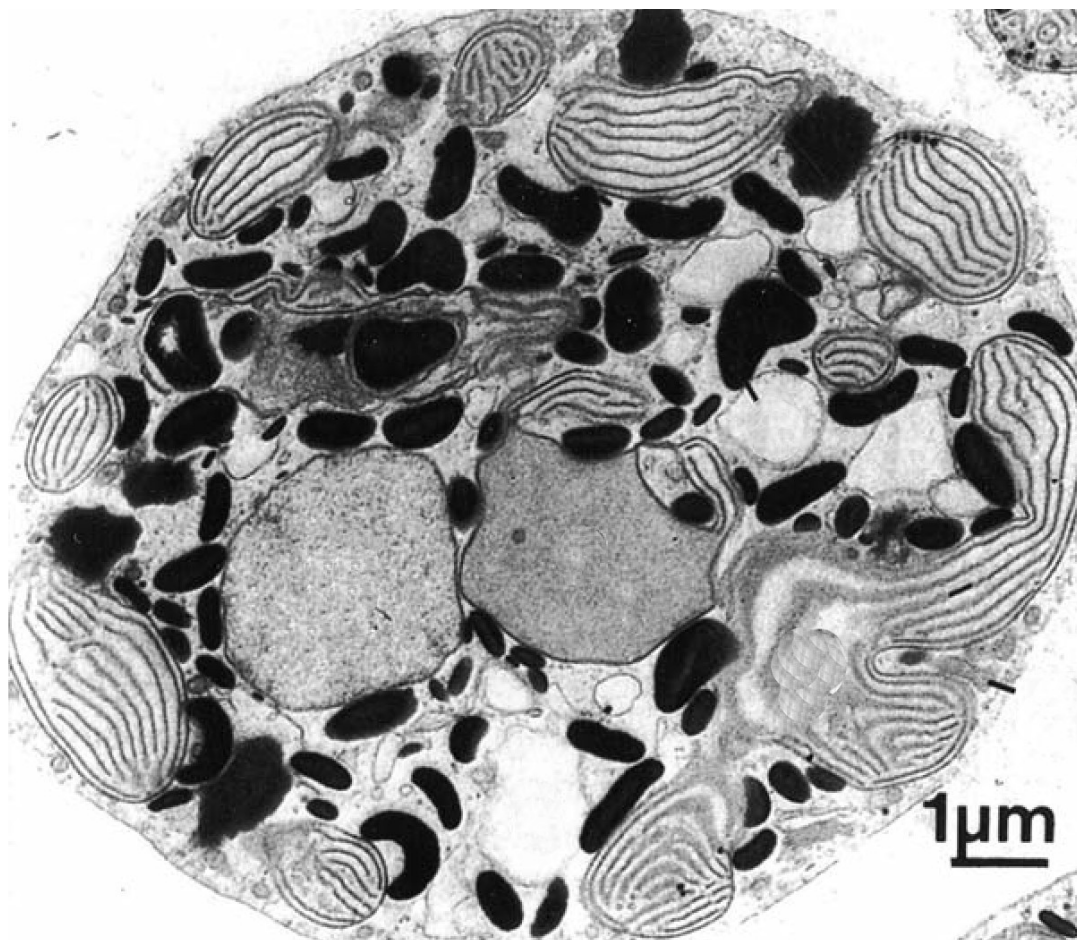


Fig. 10.

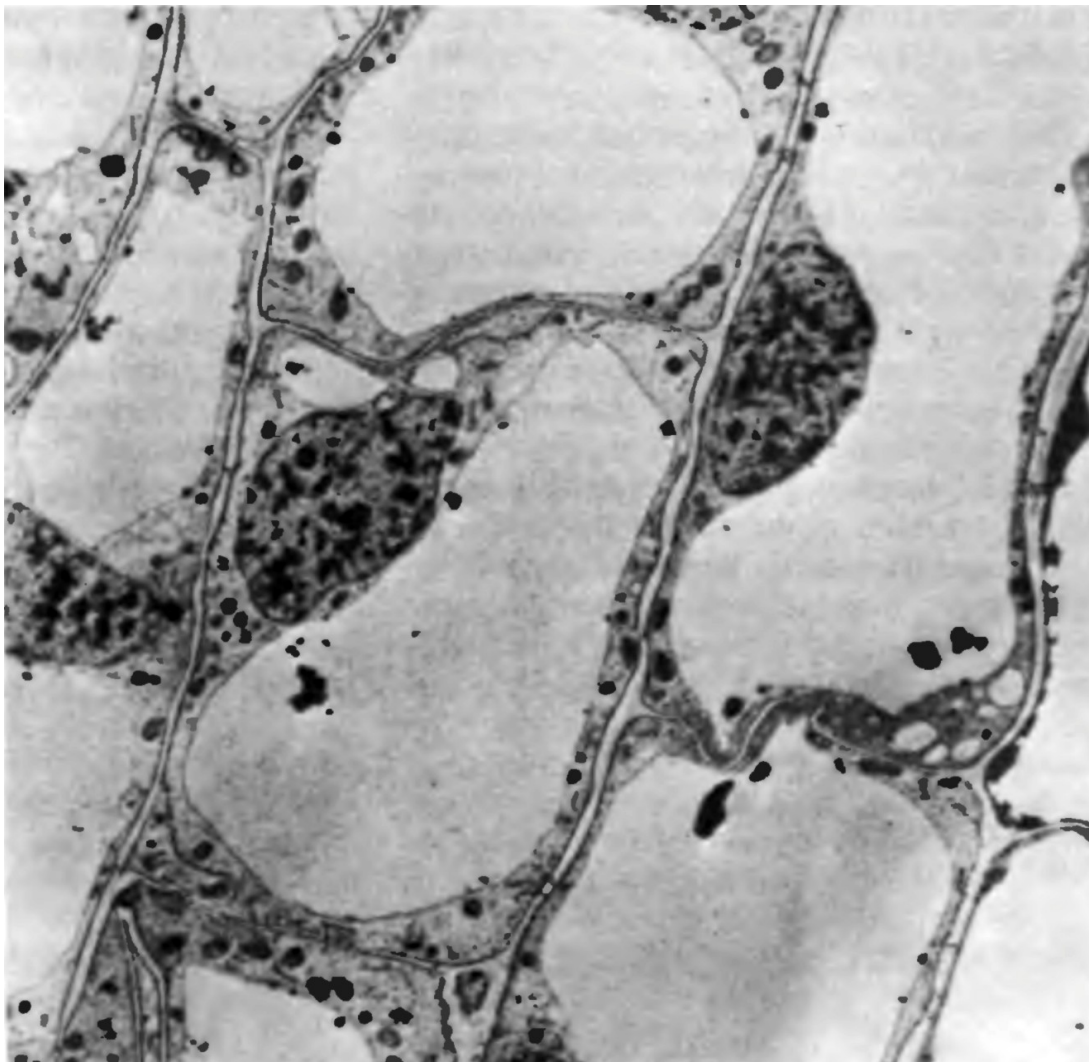


Fig. 11.

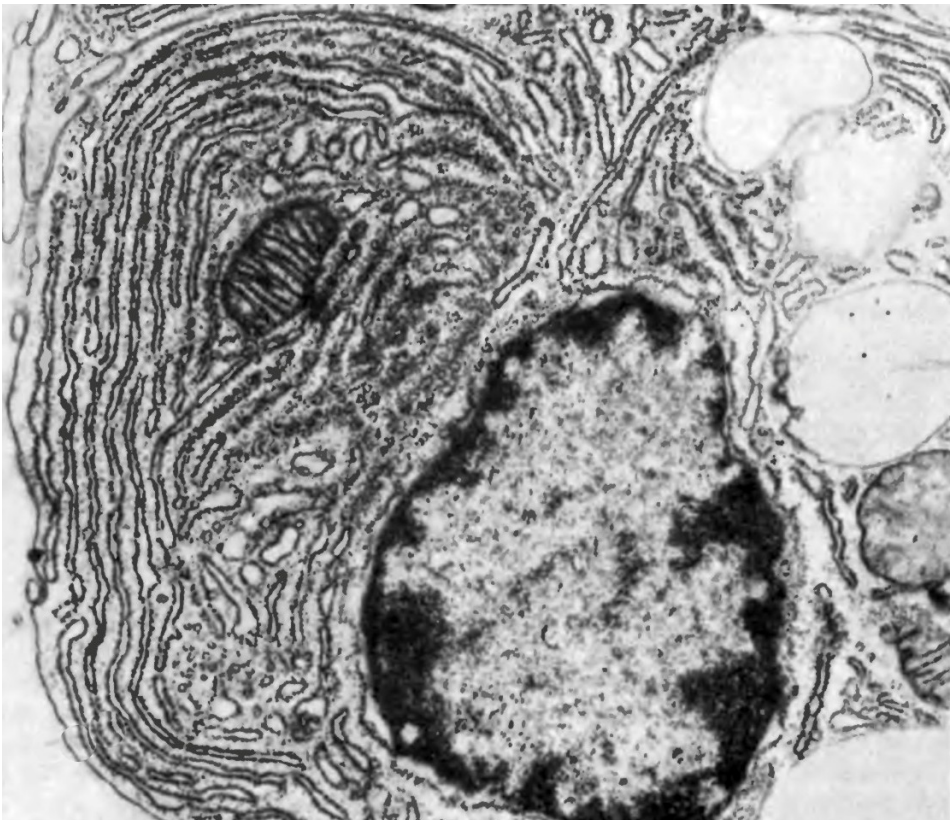


Fig. 12.

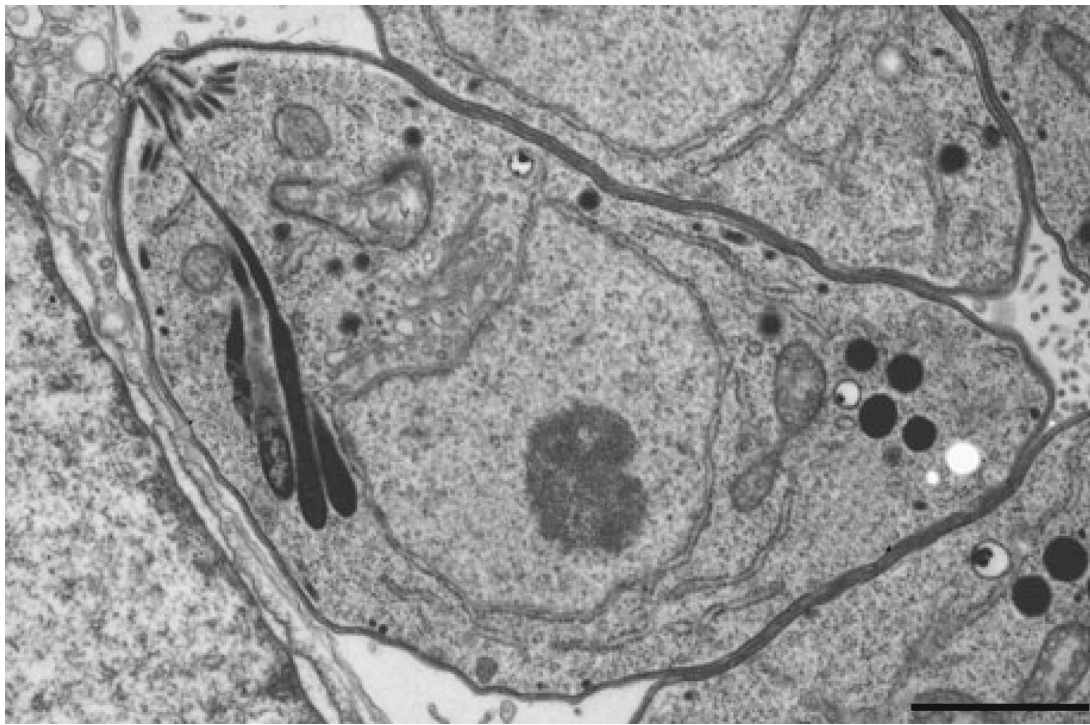


Fig. 13.

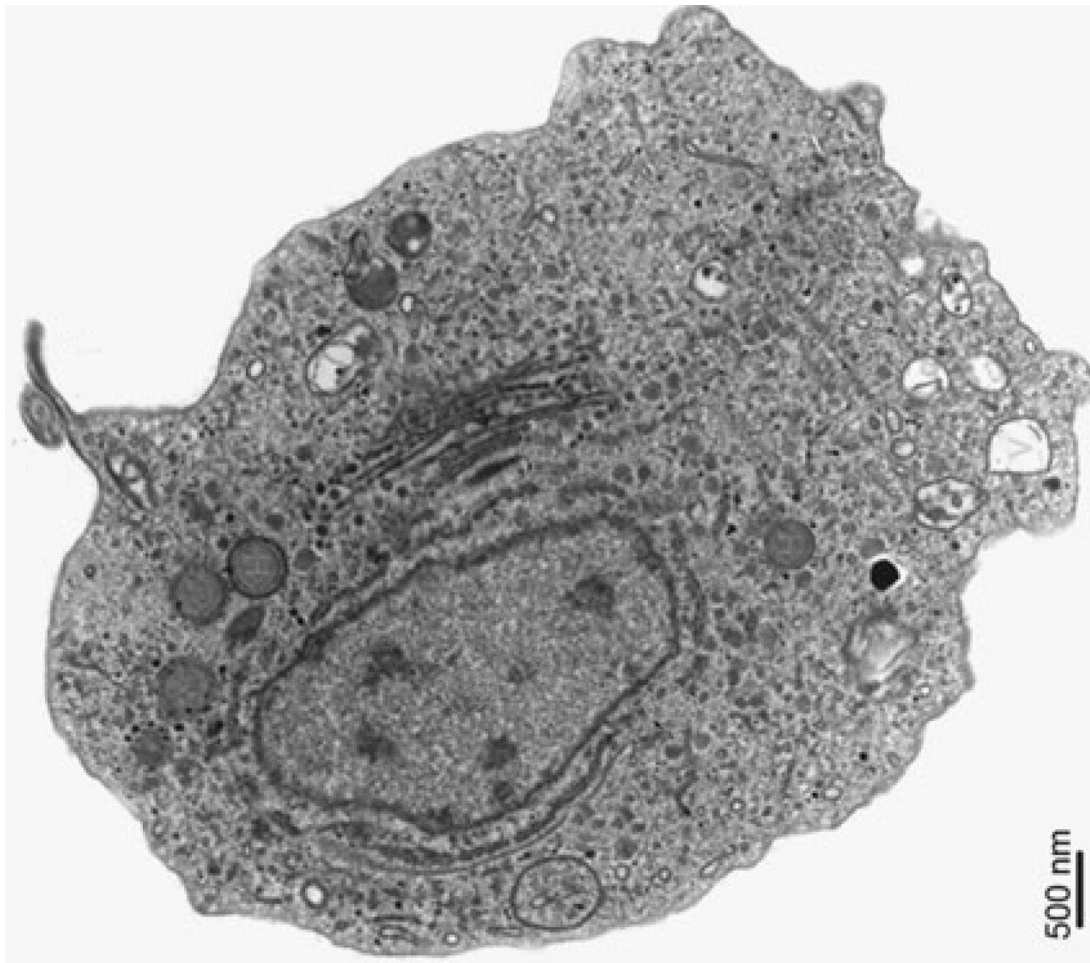


Fig. 14.