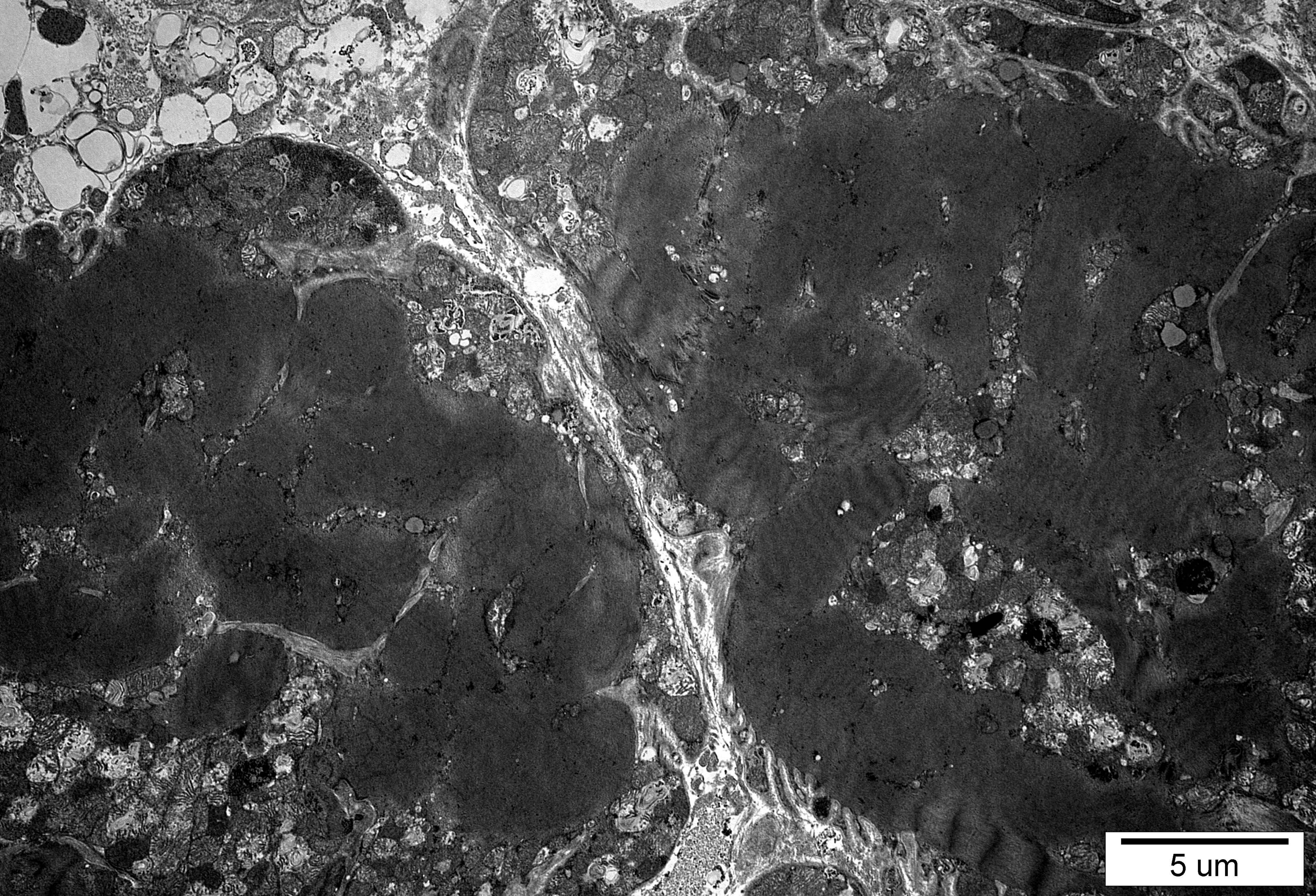


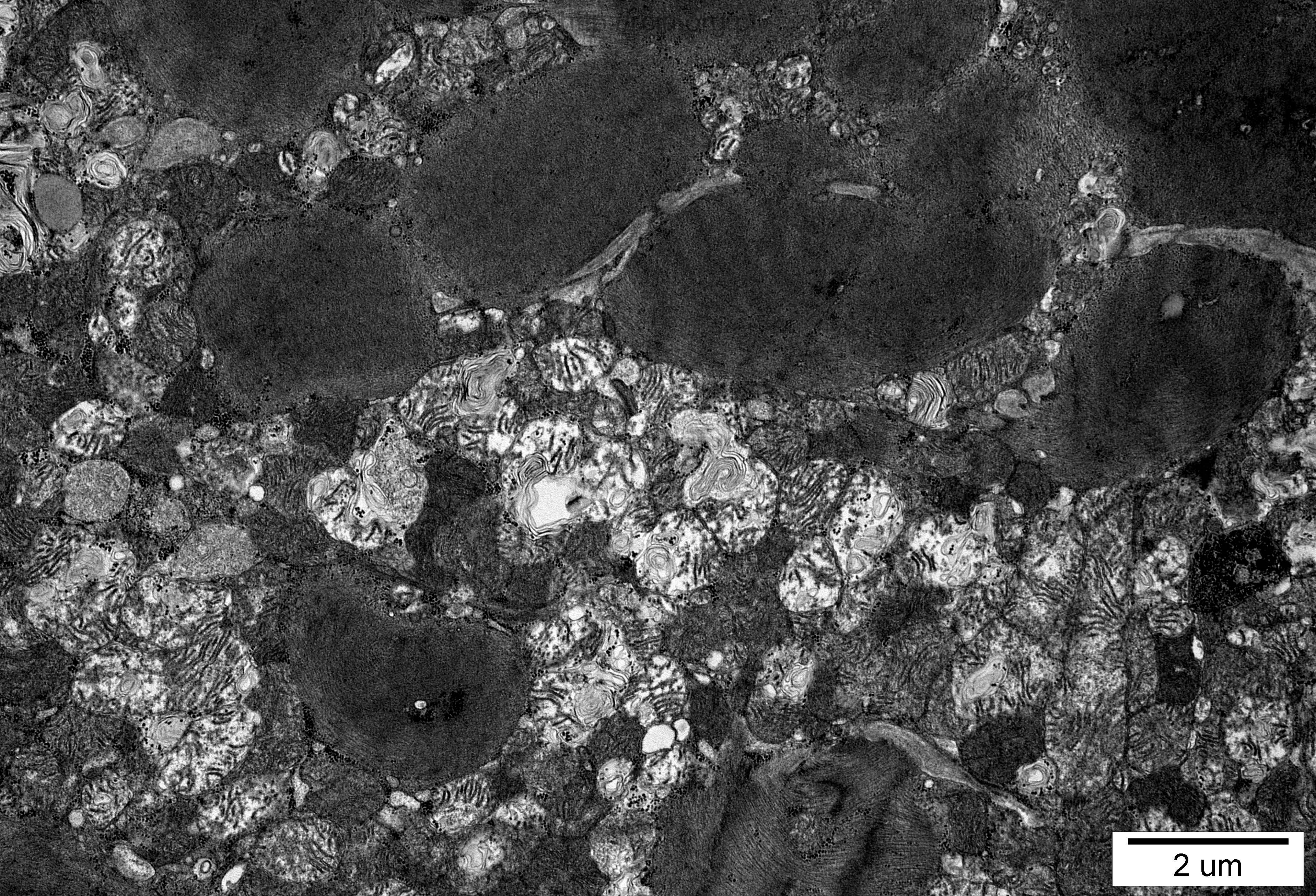
5 um





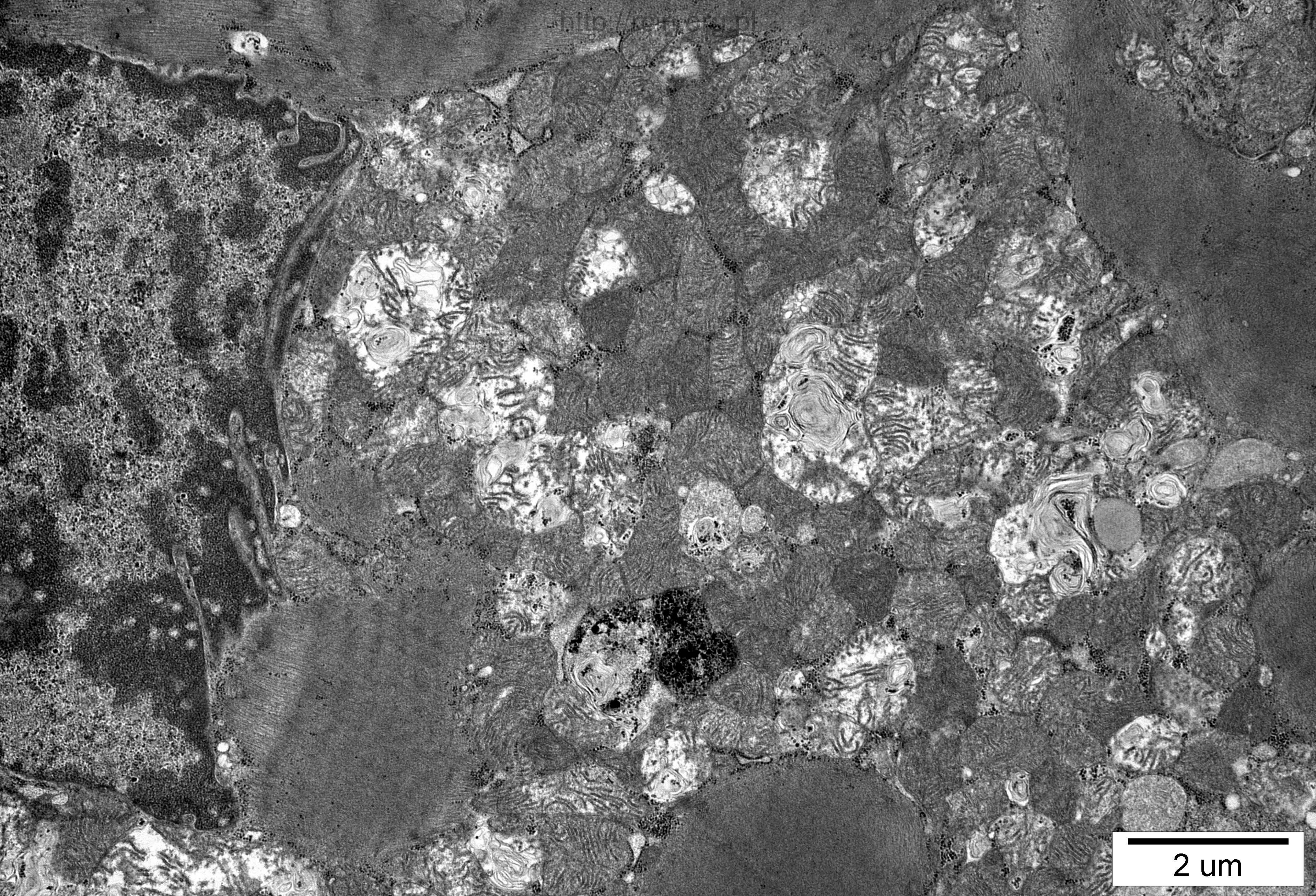
5 μm





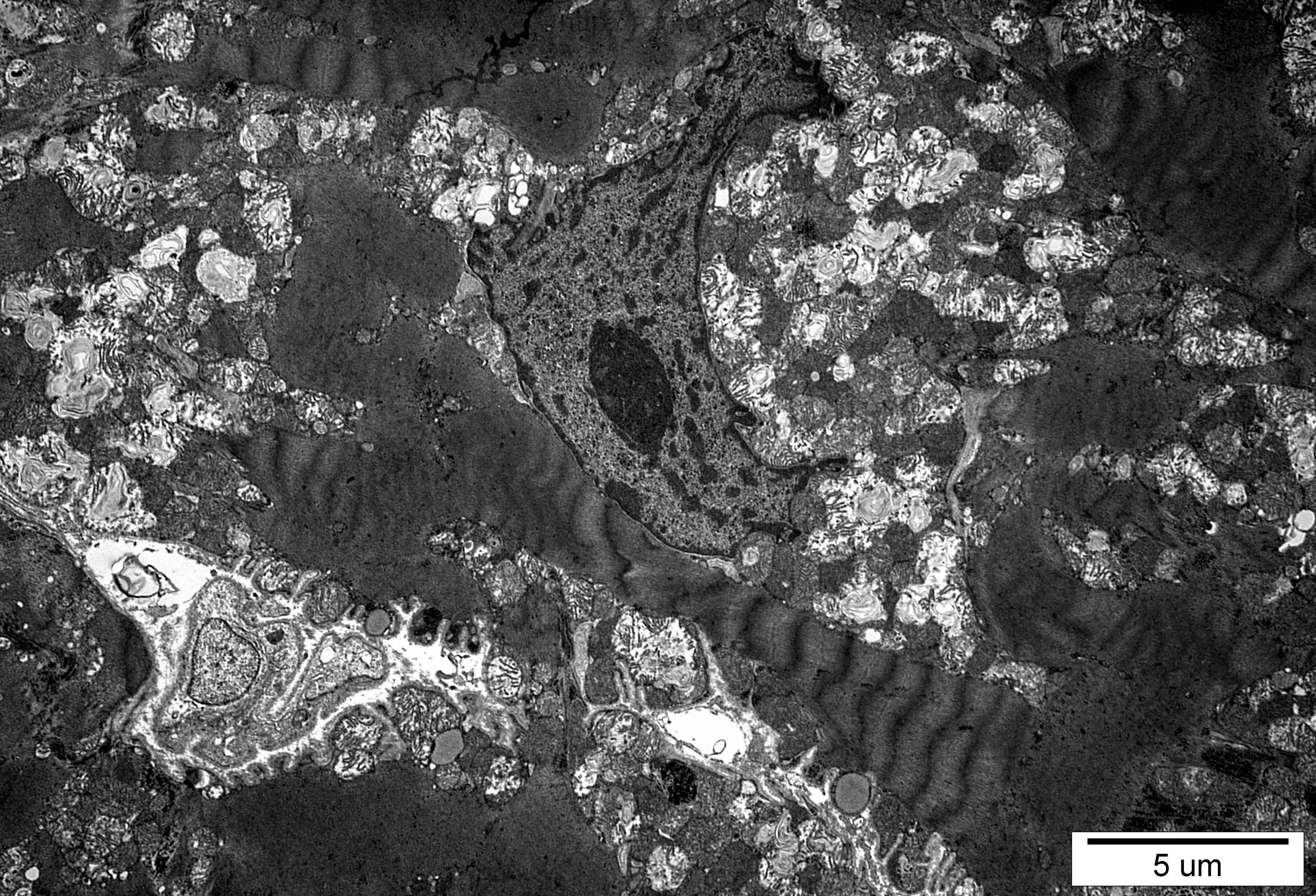
2 um





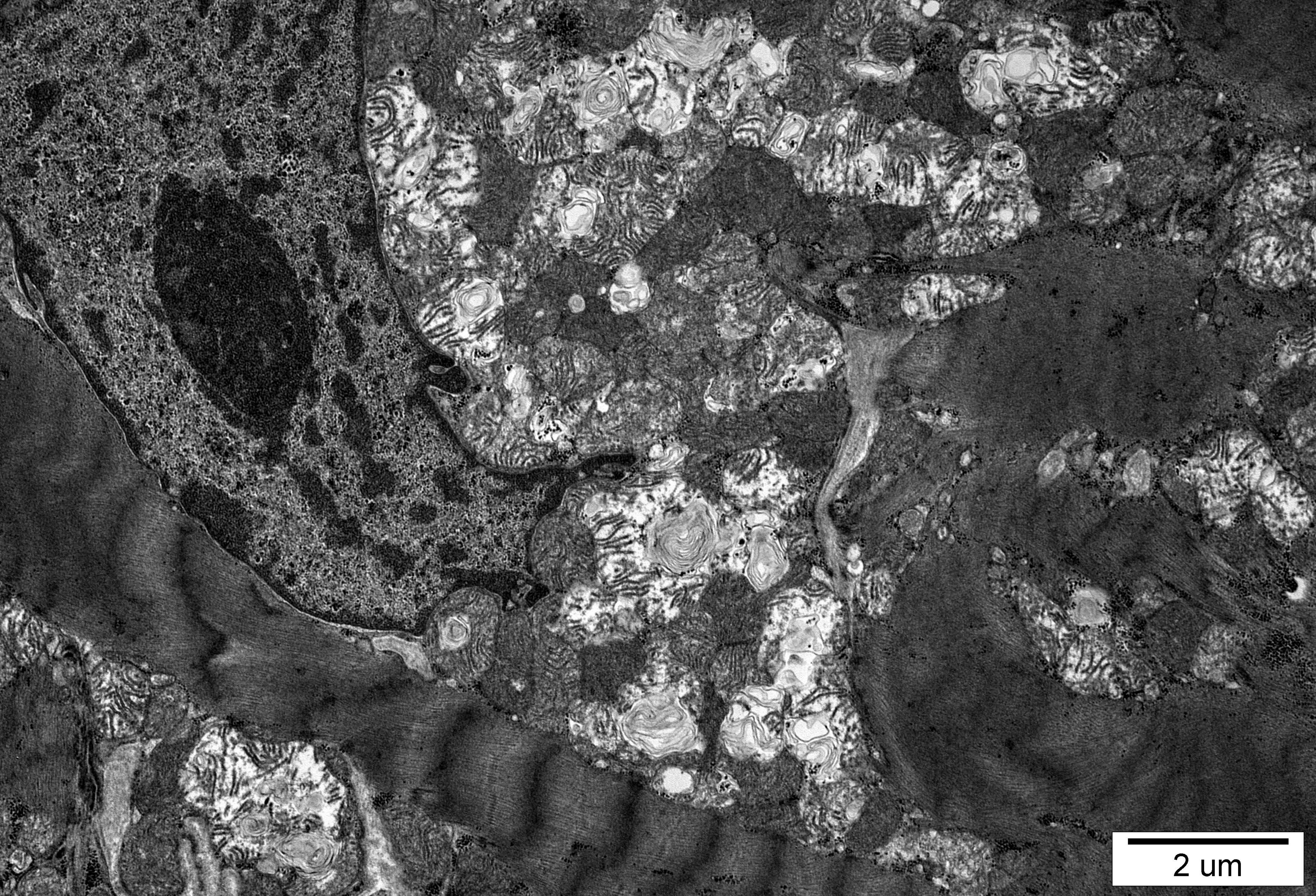
2 um





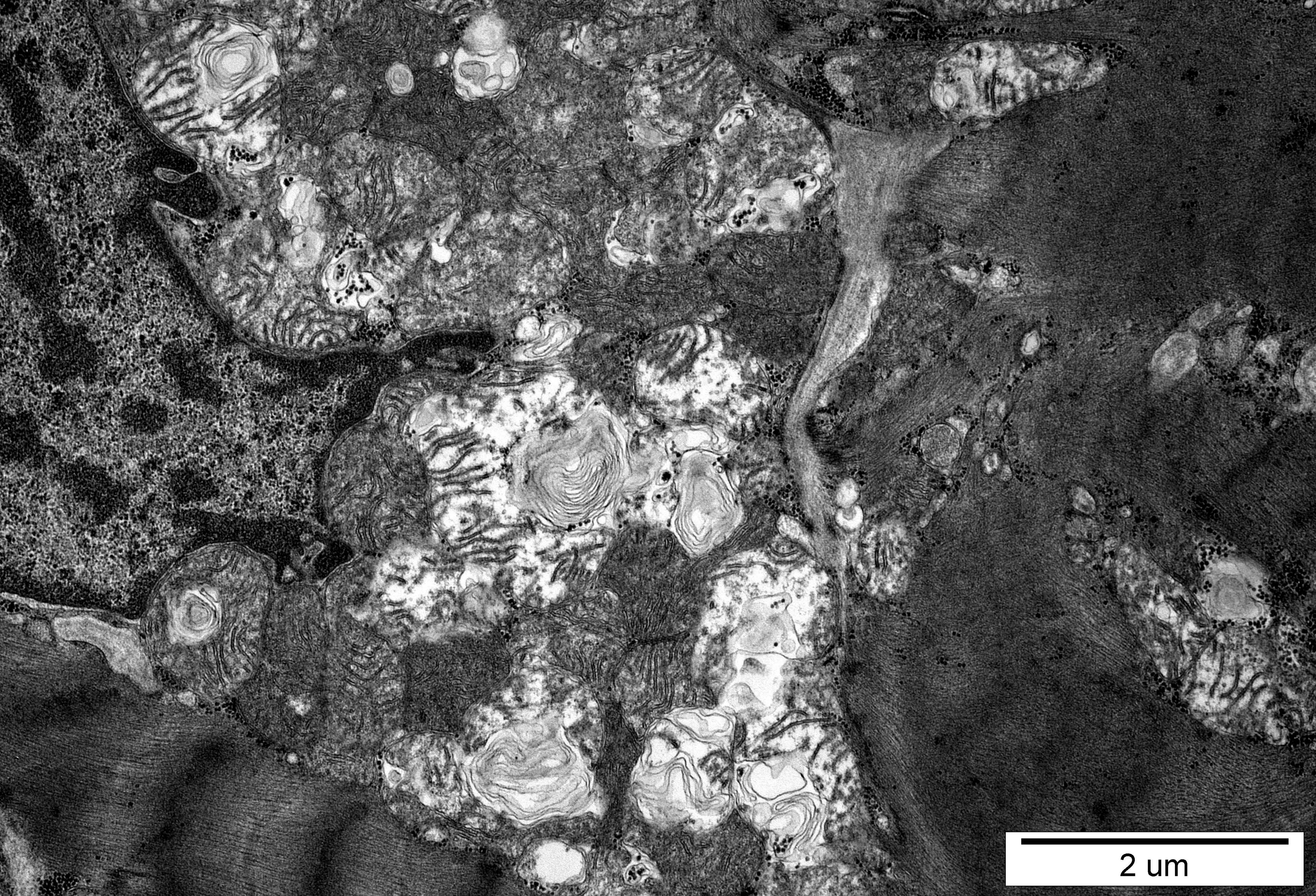
5 μm





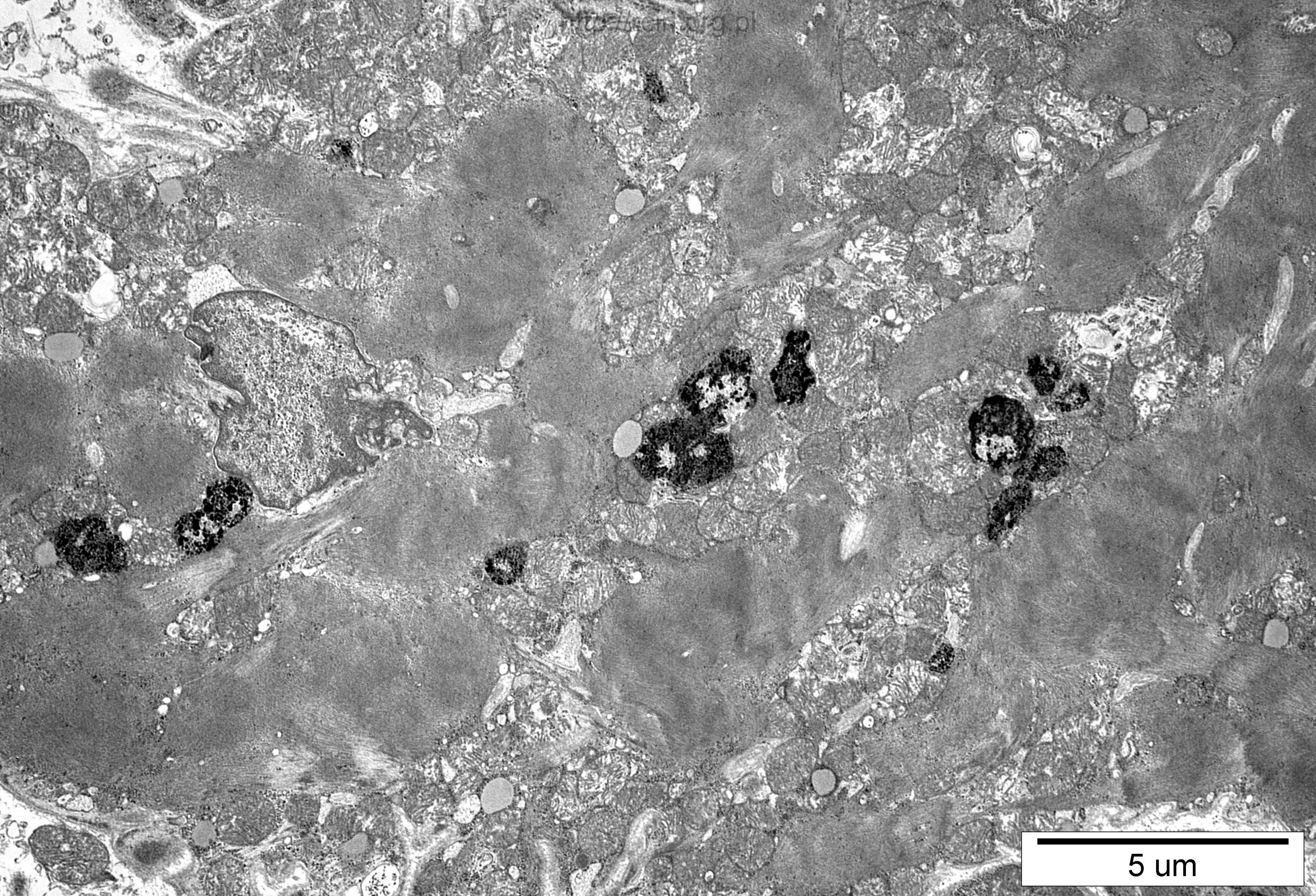
2 um





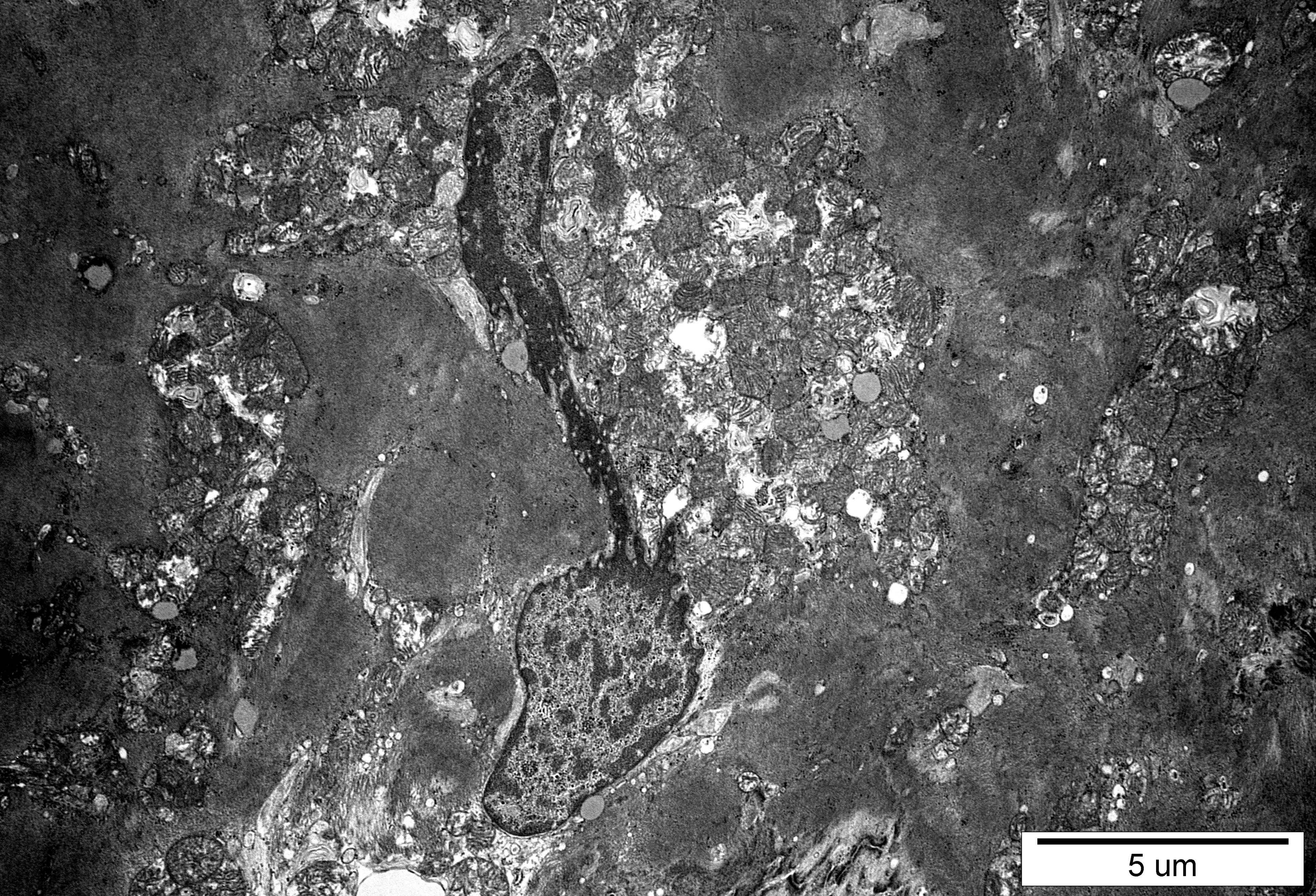
2 um





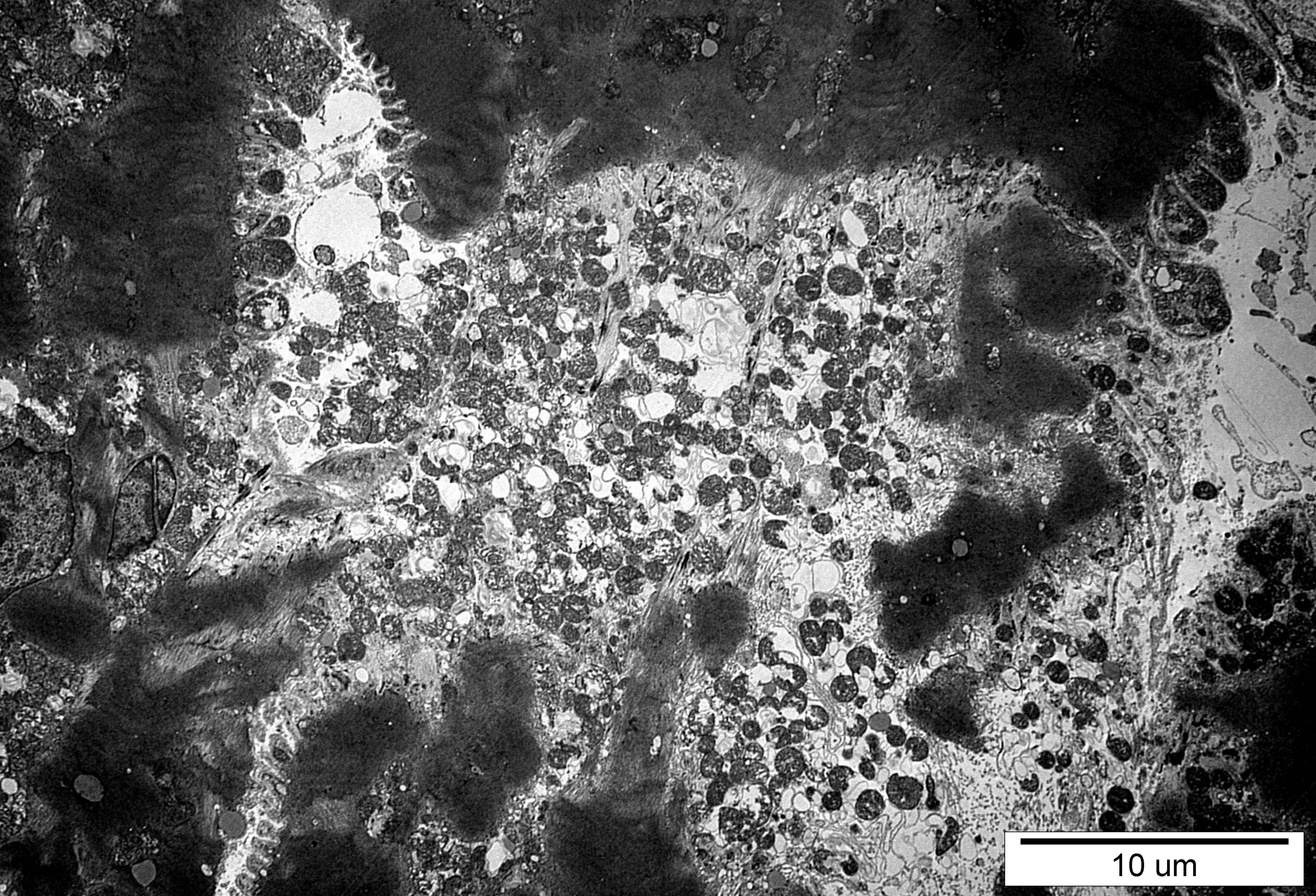
5  $\mu$ m





5 um





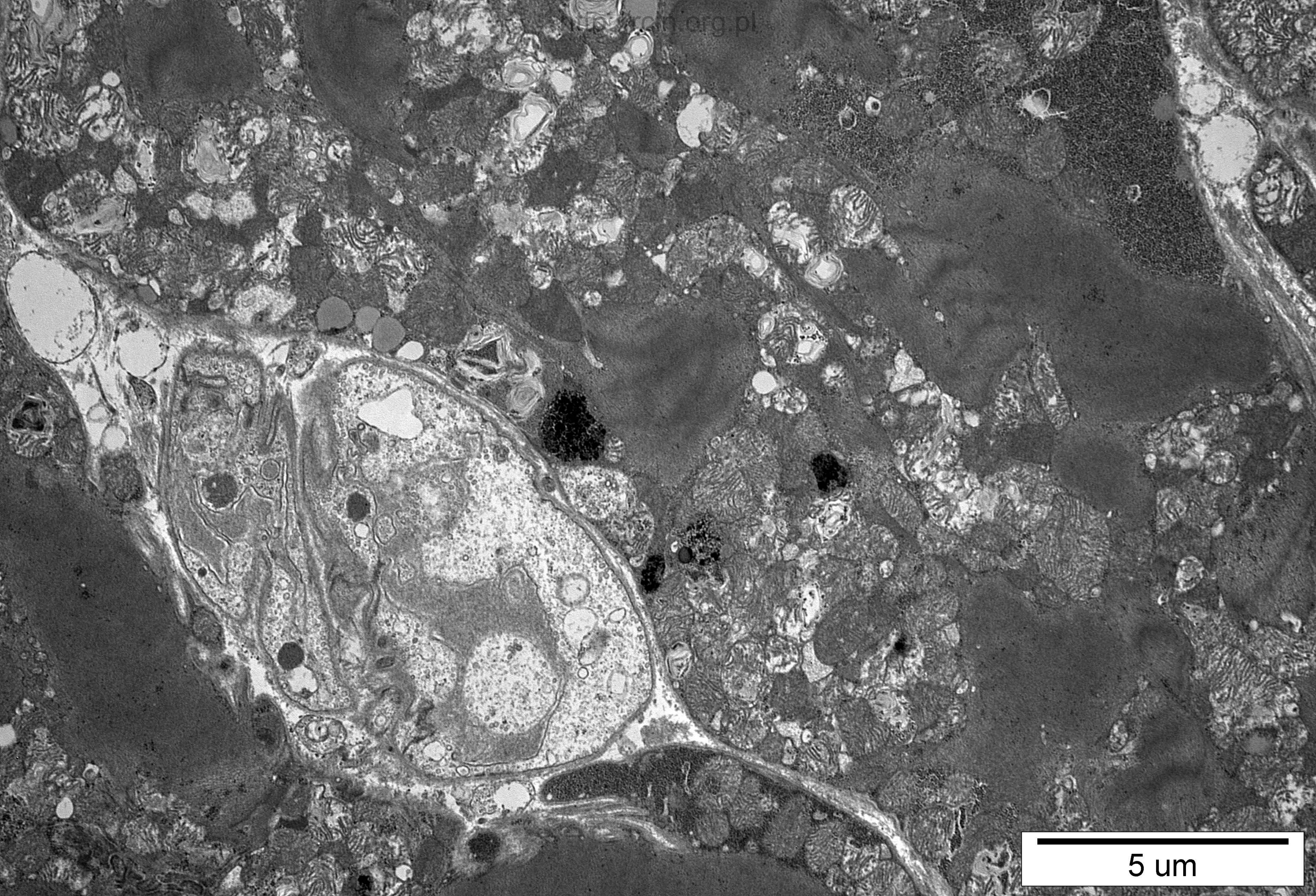
10 um





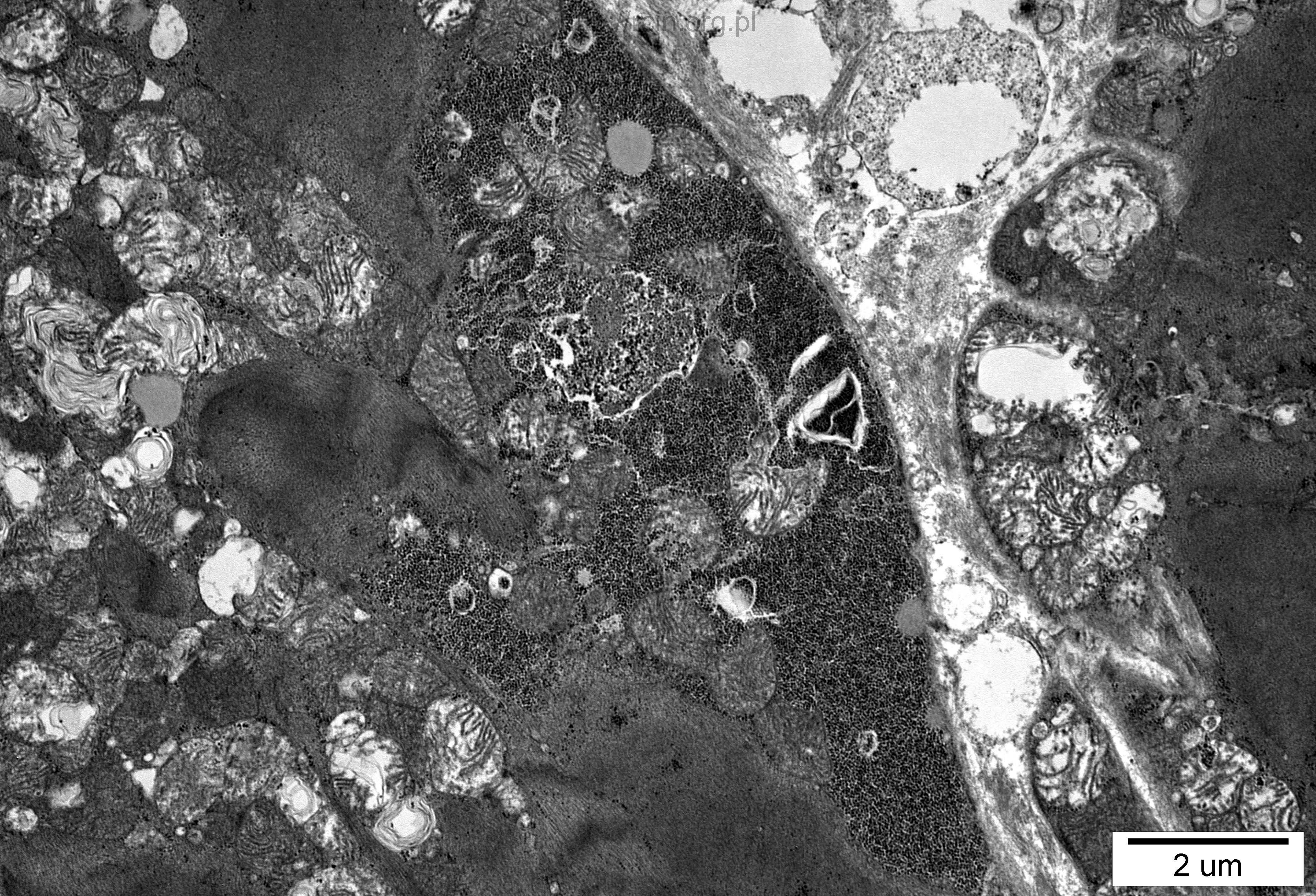
5 um





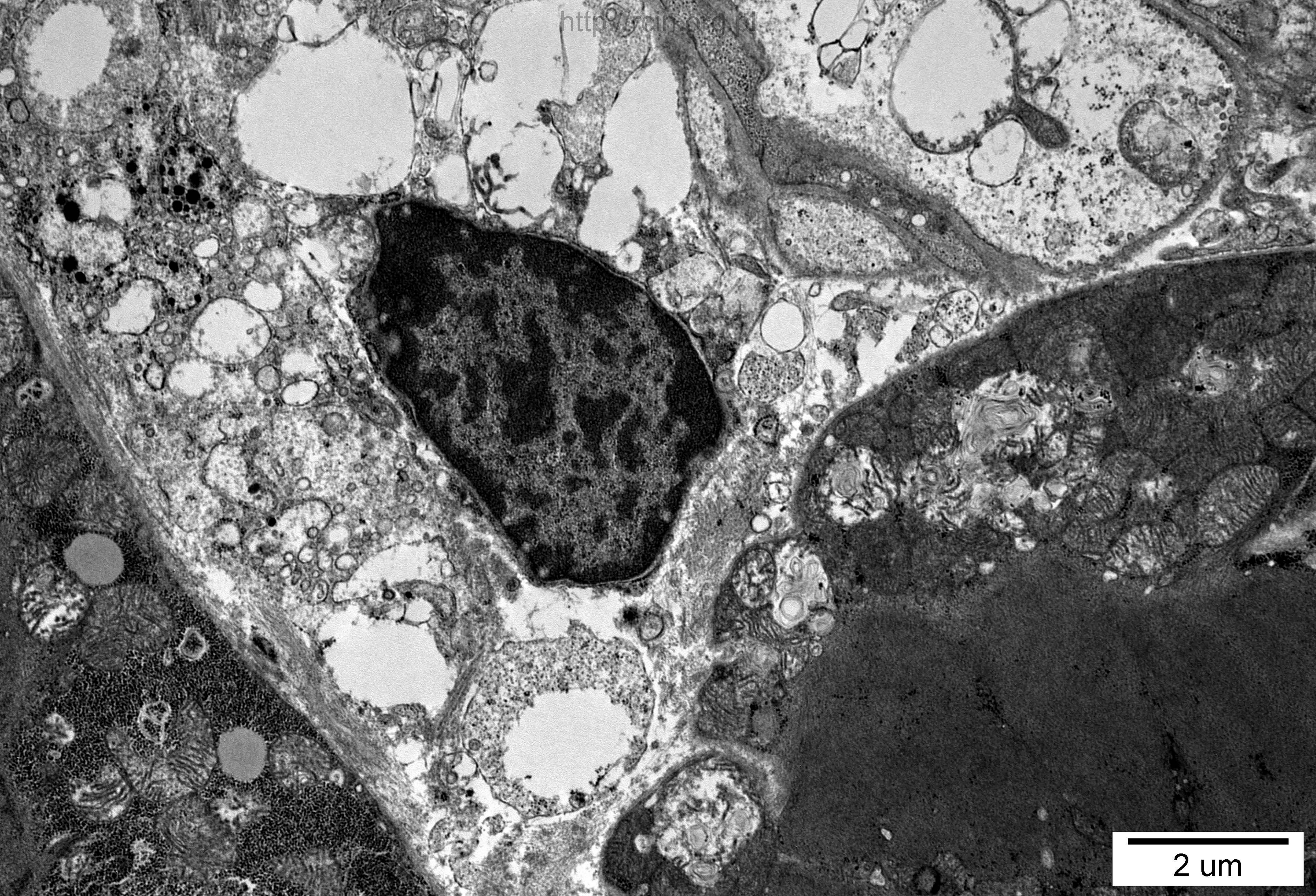
5 um





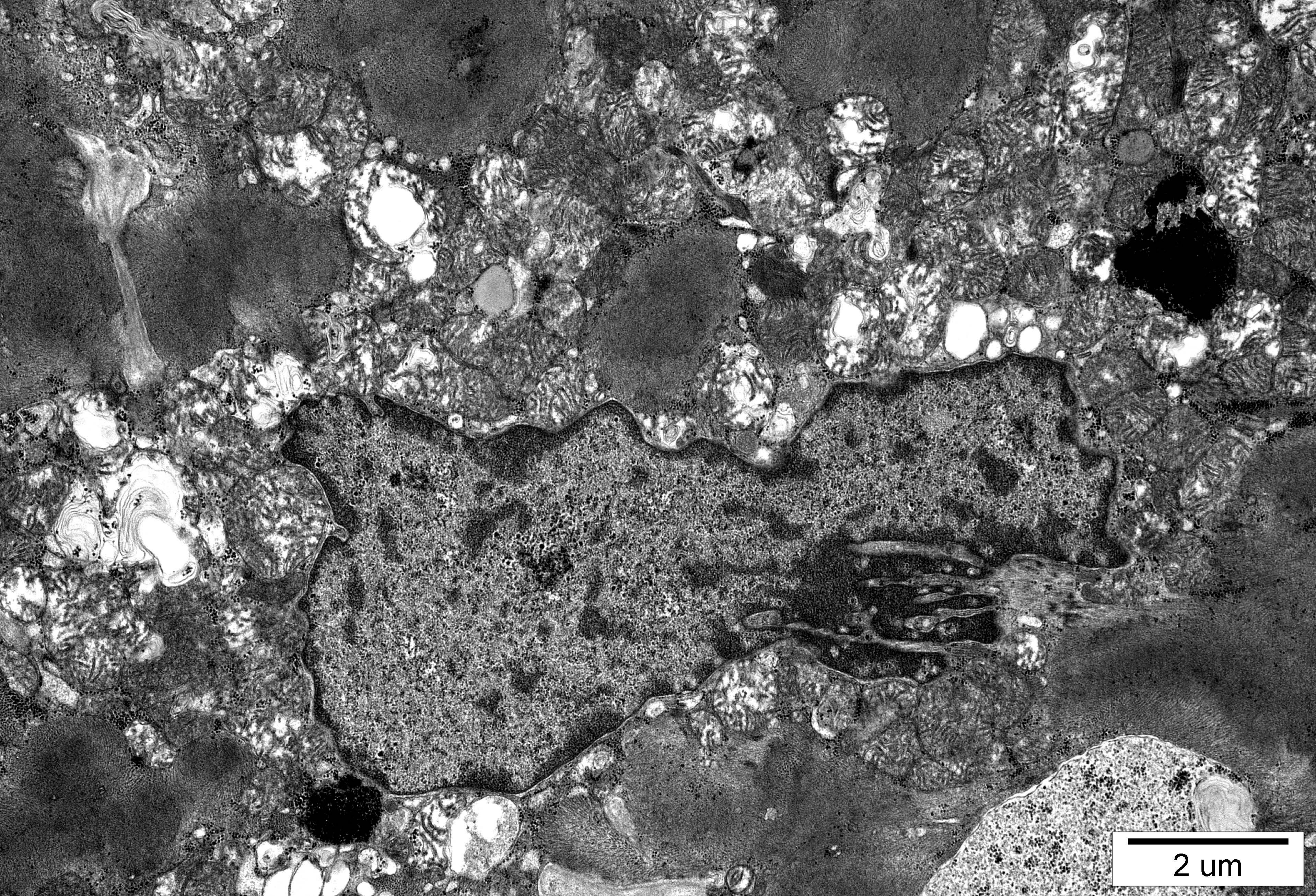
2 um



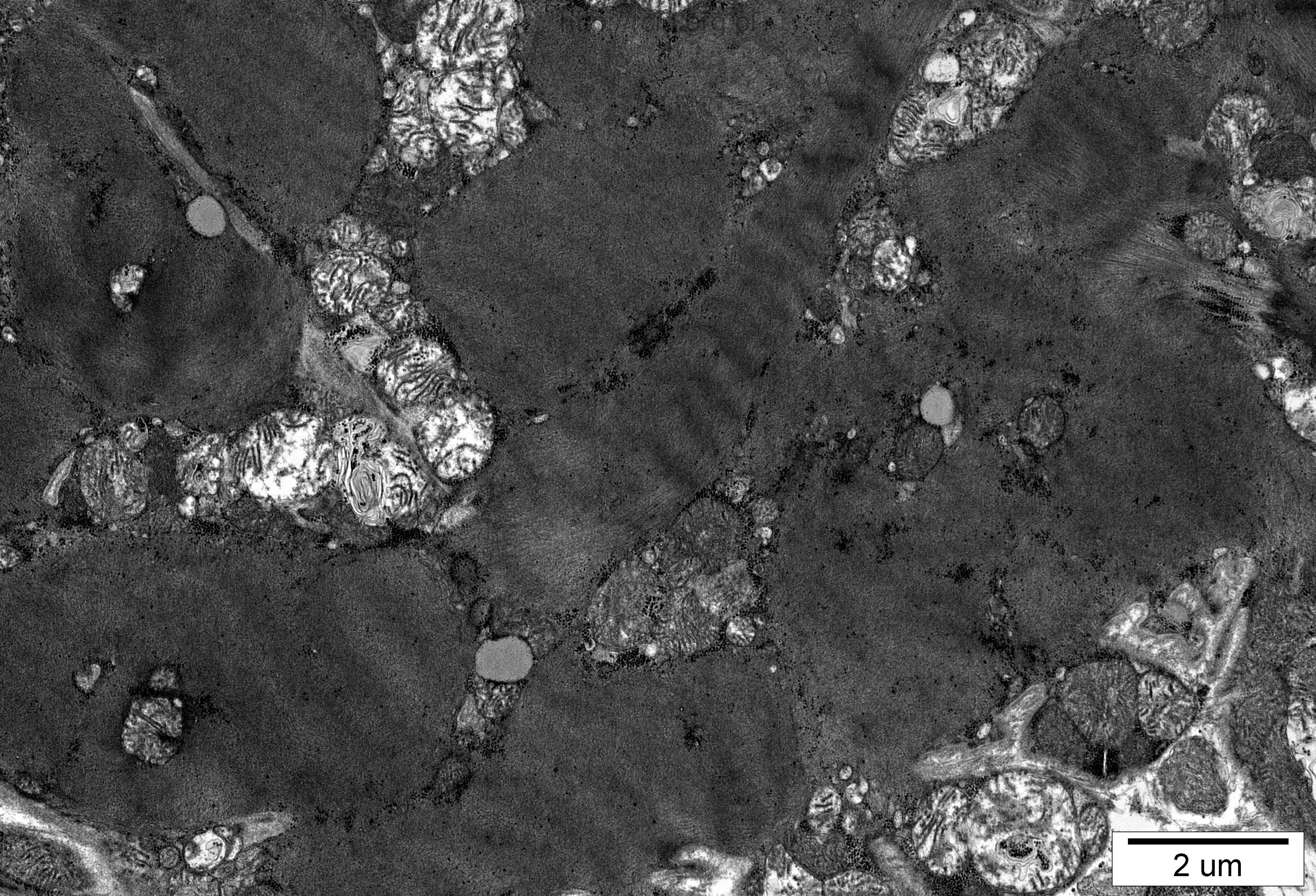


2 um



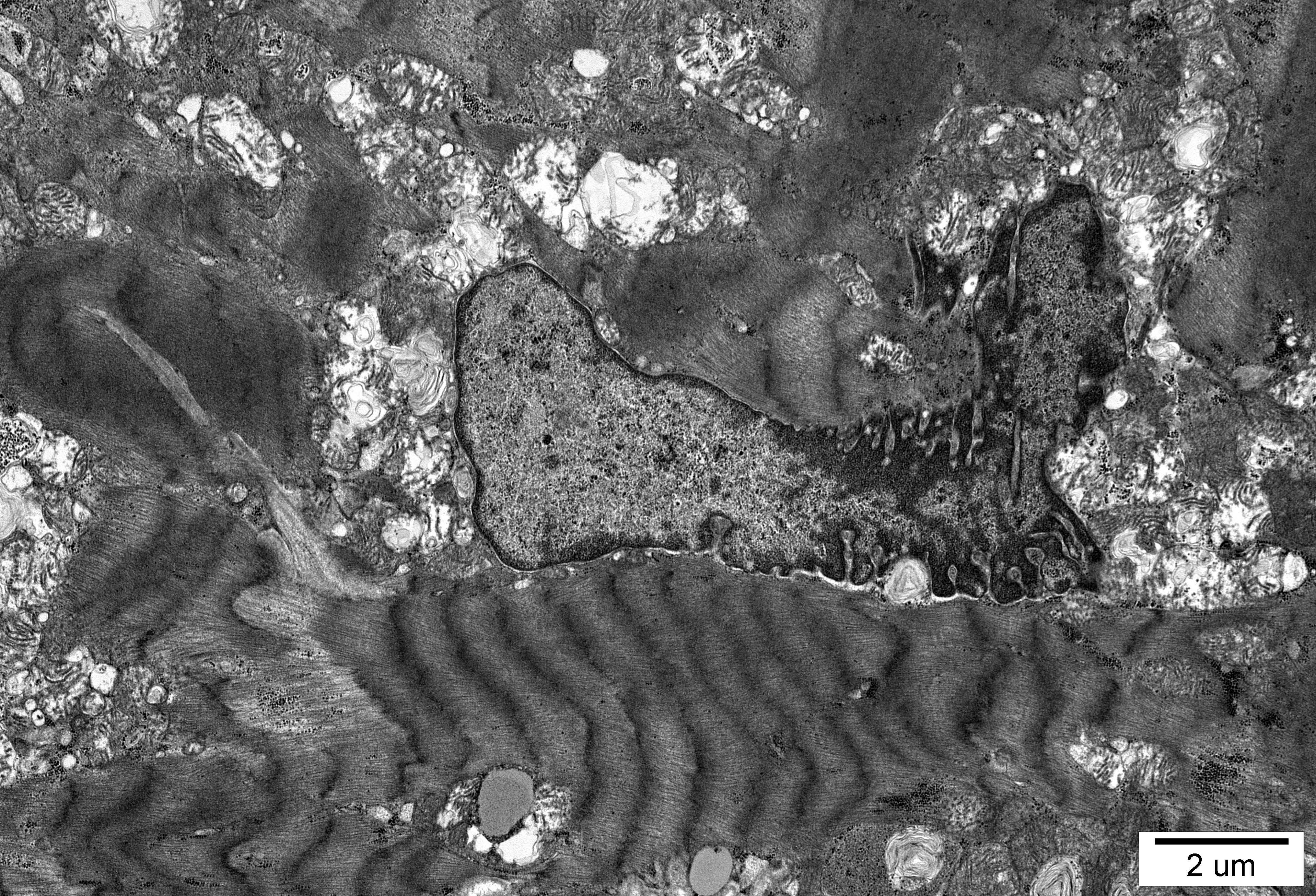






2 um



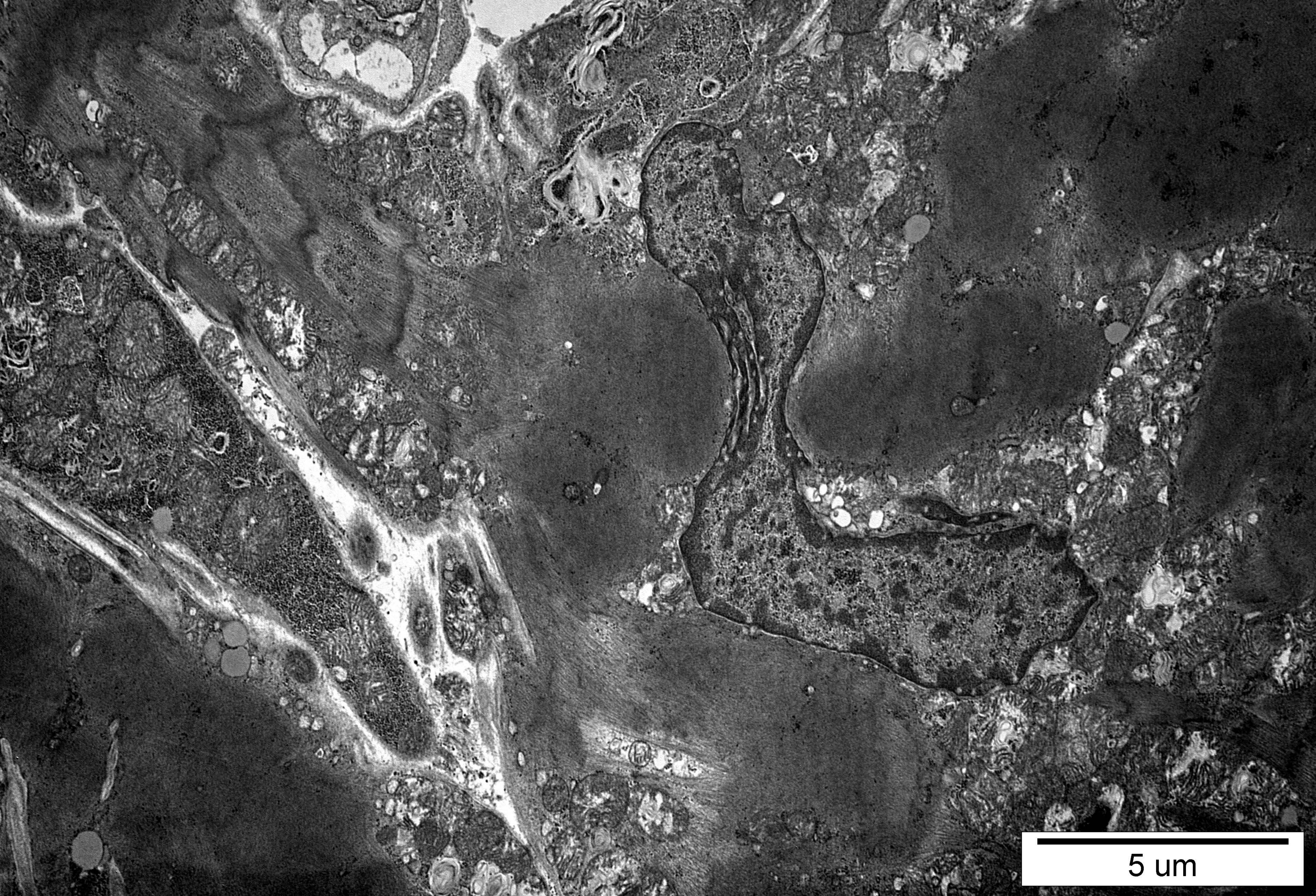


2 um









5 μm



11s

Ocena ultrastrukturalna ujawniła zatartą strukturę sarkomerów (Fig.11s-2, 1, 16) a miejscowo widoczny był zupełny zanik miofibryli (Fig.11s-10). Obserwowano jądra o zmienionym kształcie, niektóre bardzo wydłużone, o licznych wpukleniach (Fig.11s-9, 17, 15). W okolicy jąder widoczne były złogi lipofuscyny (Fig.11s-8). Obecne były liczne, nieprawidłowe, obrzęknięte i uszkodzone, częściowo bądź całkowicie pozbawione grzebieni mitochondria (Fig.11s-5, 4, 3, 7 ). W przestrzeni zewnątrzkomórkowej odnotowano obecność naczyń o śródbłonku wykazującym cechy nekrozy (Fig.11s-12).

Ultrastructural evaluation revealed blurred sarcomeres structure (Figs.11s-2,1,16) and focally, a complete atrophy of myofibrils (Fig.11s-10). Nuclei of altered shape were observed, some of them very elongated, with numerous invaginations in nuclear membrane (Figs.11s-9,17,15). Lipofuscin deposits were seen, especially in the vicinity of nuclei (Fig.11s-8). Numerous altered mitochondria, swollen and damaged, partially or completely devoid of mitochondria cristae were present (Figs.11s-5,4,3,7 ). In the extracellular space, vessels with endothelium showing ultrastructural features of necrosis were noticed (Fig.11s-12).