

32/2000

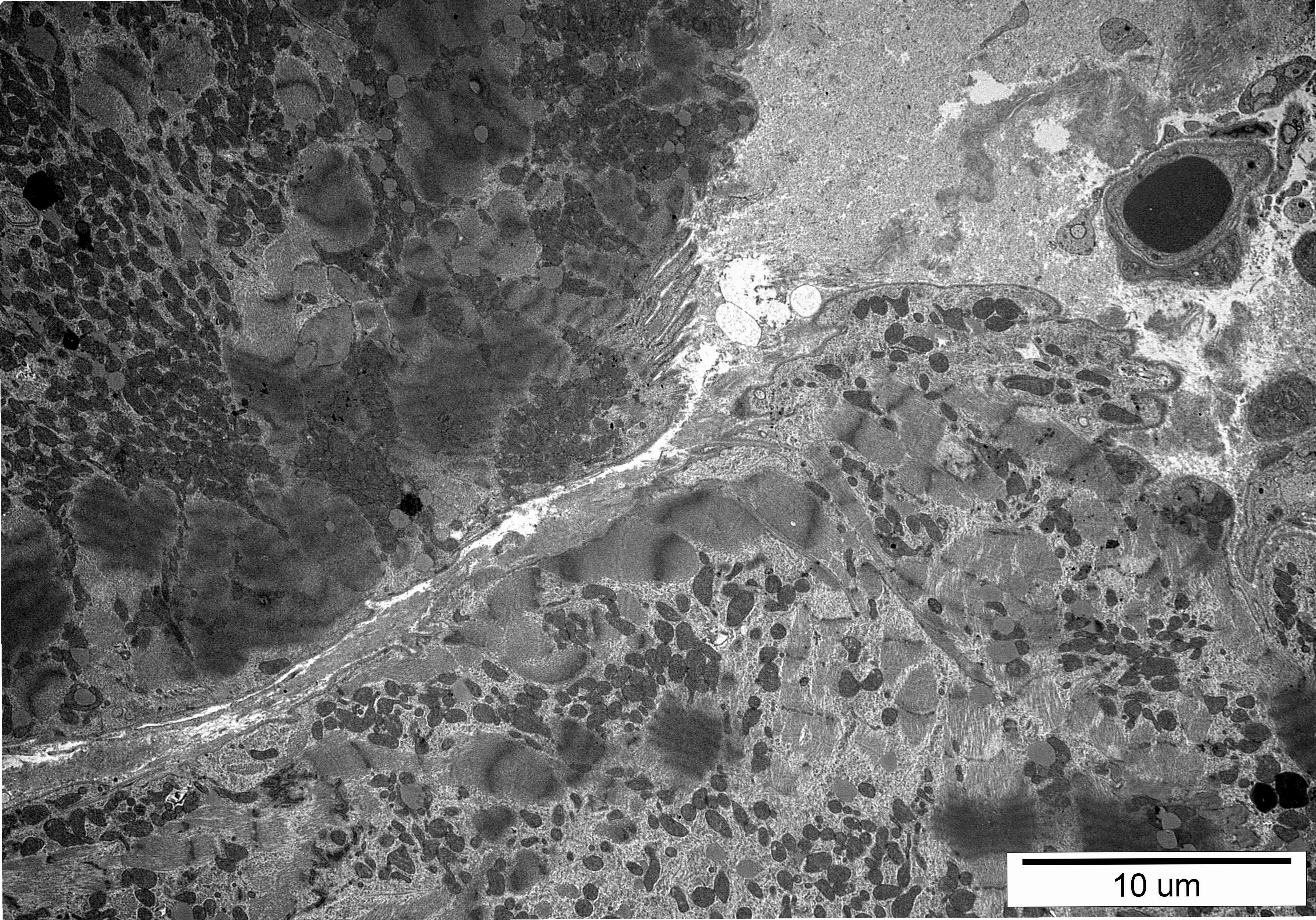
## Kardiomiopatia

Ocena ultrastrukturalna wykazała nieregularny układ aparatu kurczliwego (Fig. 1,2). W przestrzeniach pozbawionych miofibryli licznie występowały mitochondria o nieregularnym kształcie (Fig.5,6,7,9,11,18,23,33,38). W niektórych kardiomiocytach mitochondria charakteryzowały się zatartą strukturą (Fig.32). W cytoplazmie kardiomiocytów obserwowano wyraźnie widoczną siateczkę śródplazmatyczną szorstką i lizosomy (Fig.14, 29). Jądra kardiomiocytów charakteryzowały się nieregularnym kształtem (Fig.27,42). W przestrzeni zewnątrzkomórkowej obficie występowały włókienka kolagenu (Fig. 15,25). W niezmiennych ultrastrukturalnie naczyniach w komórkach śródbłónka obserwowano liczne pęcherzyki pinocytarne (Fig. 2,21).

## Cardiomyopathy

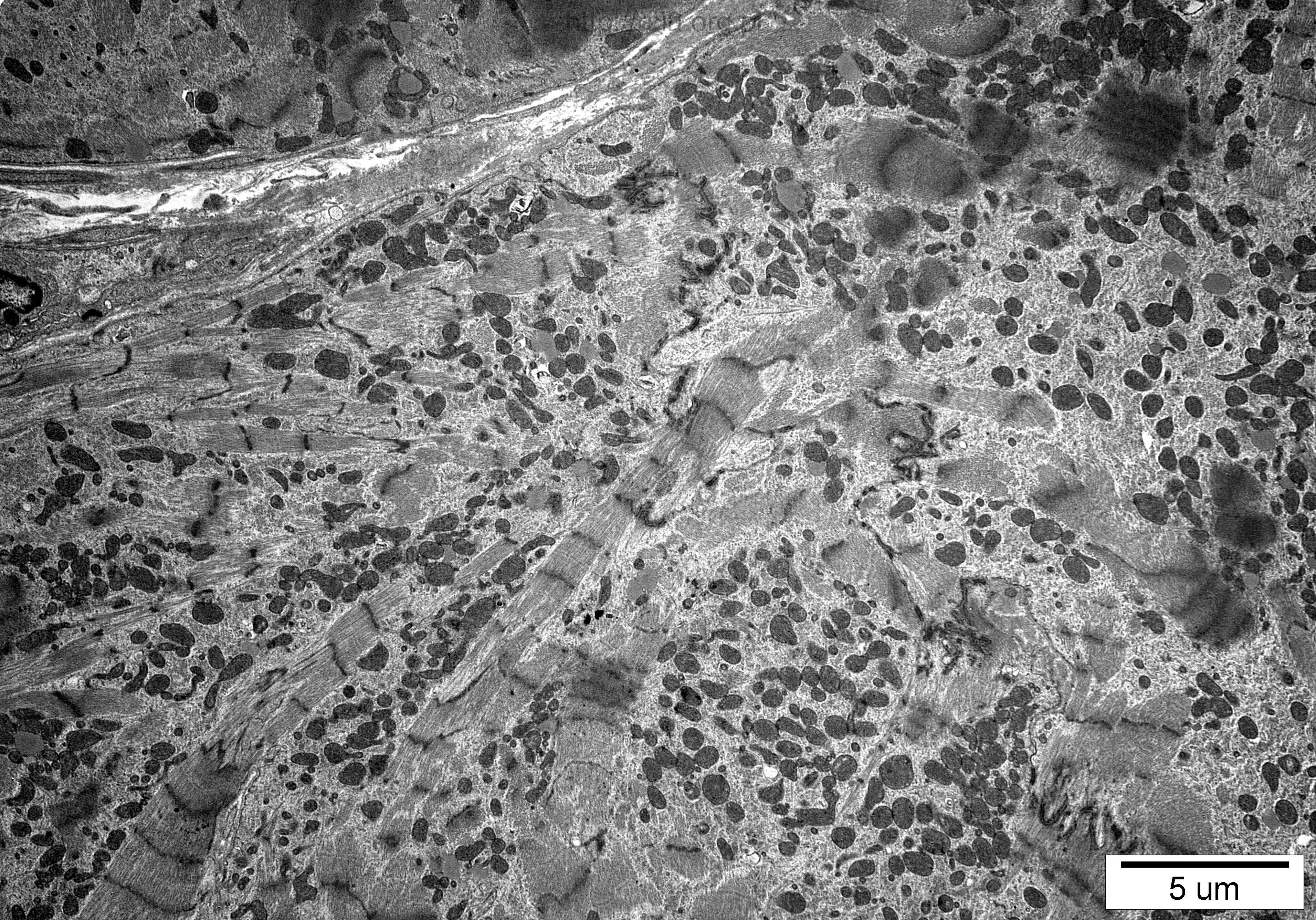
Ultrastructural evaluation of the biopsy revealed an irregular arrangement of the contractile apparatus (Figs. 1,2). Numerous mitochondria of irregular shape were accumulated in the areas devoid of myofibrils (Figs.5,6,7,9,11,18,23,33,38). In some cardiomyocytes mitochondria were characterized by blurred structure (Fig.32). In the cytoplasm of cardiomyocytes a clearly visible rough endoplasmic reticulum and lysosomes were observed (Figs.14, 29). The nuclei of cardiomyocytes were characterized by irregular shape (Figs.27,42). In the extracellular space abundant collagen fibres were seen (Figs.15,25). In endothelial cells of an ultrastructurally unchanged vessels numerous pinocytic vesicles were observed (Figs. 2,21).





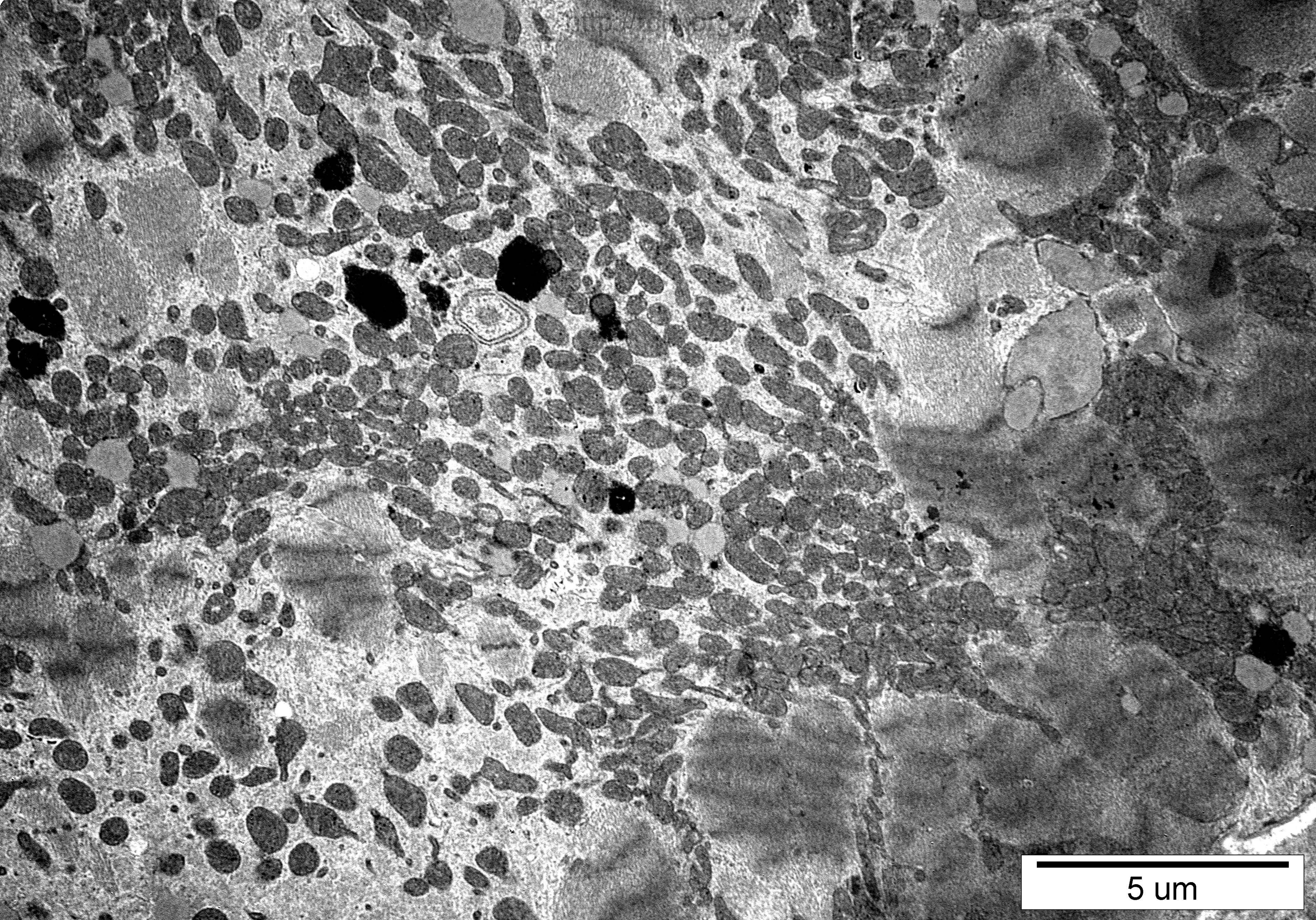
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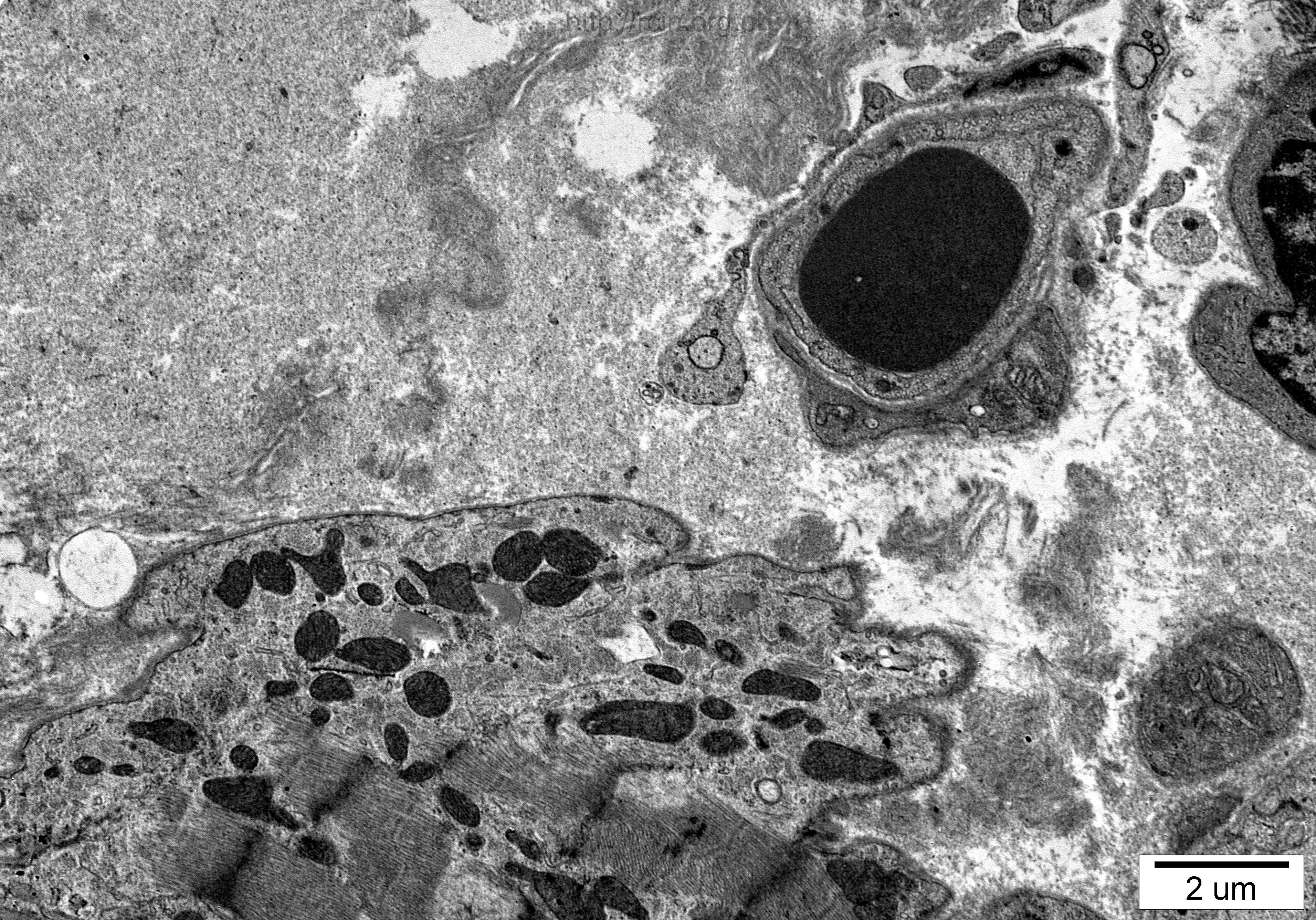
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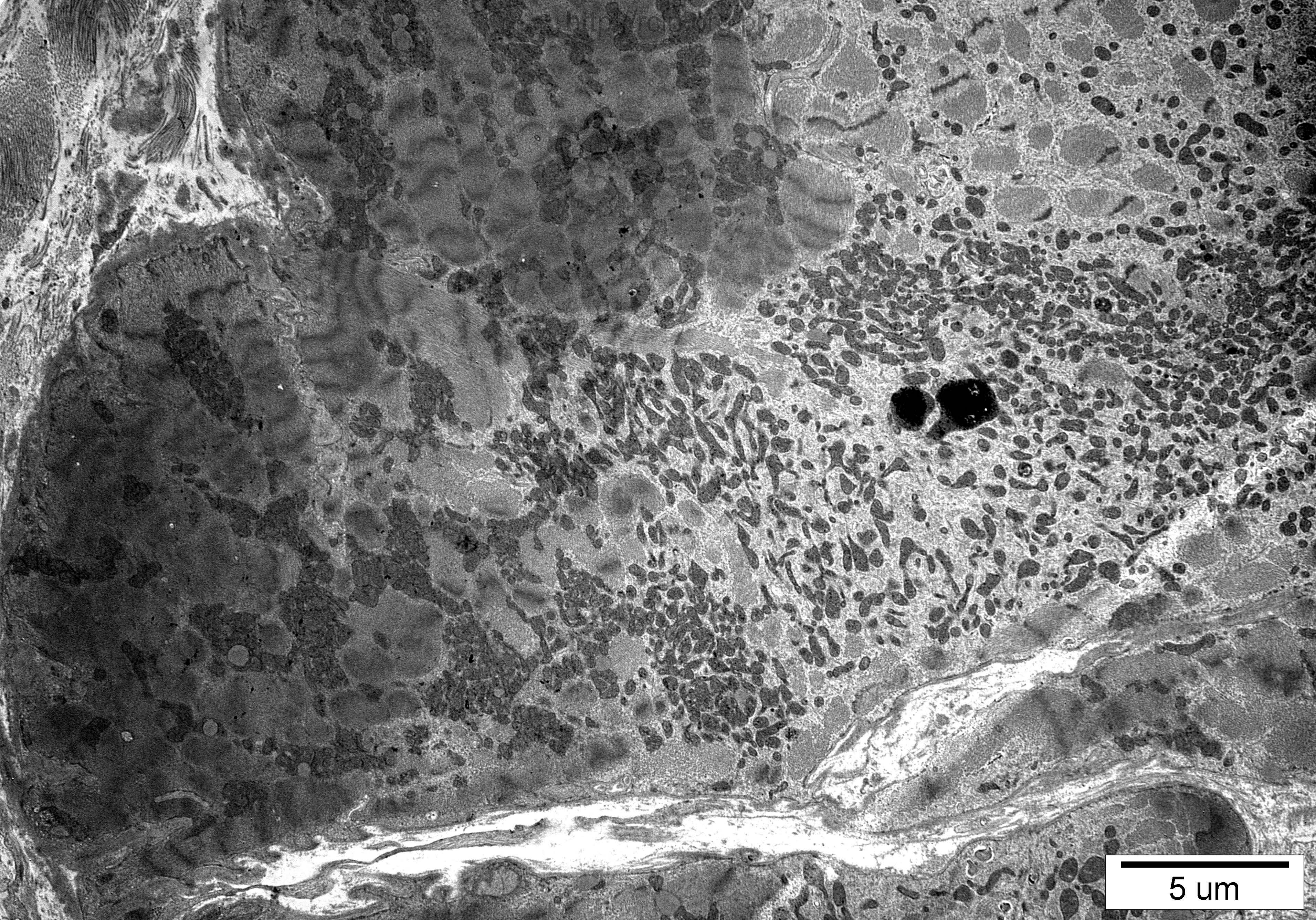
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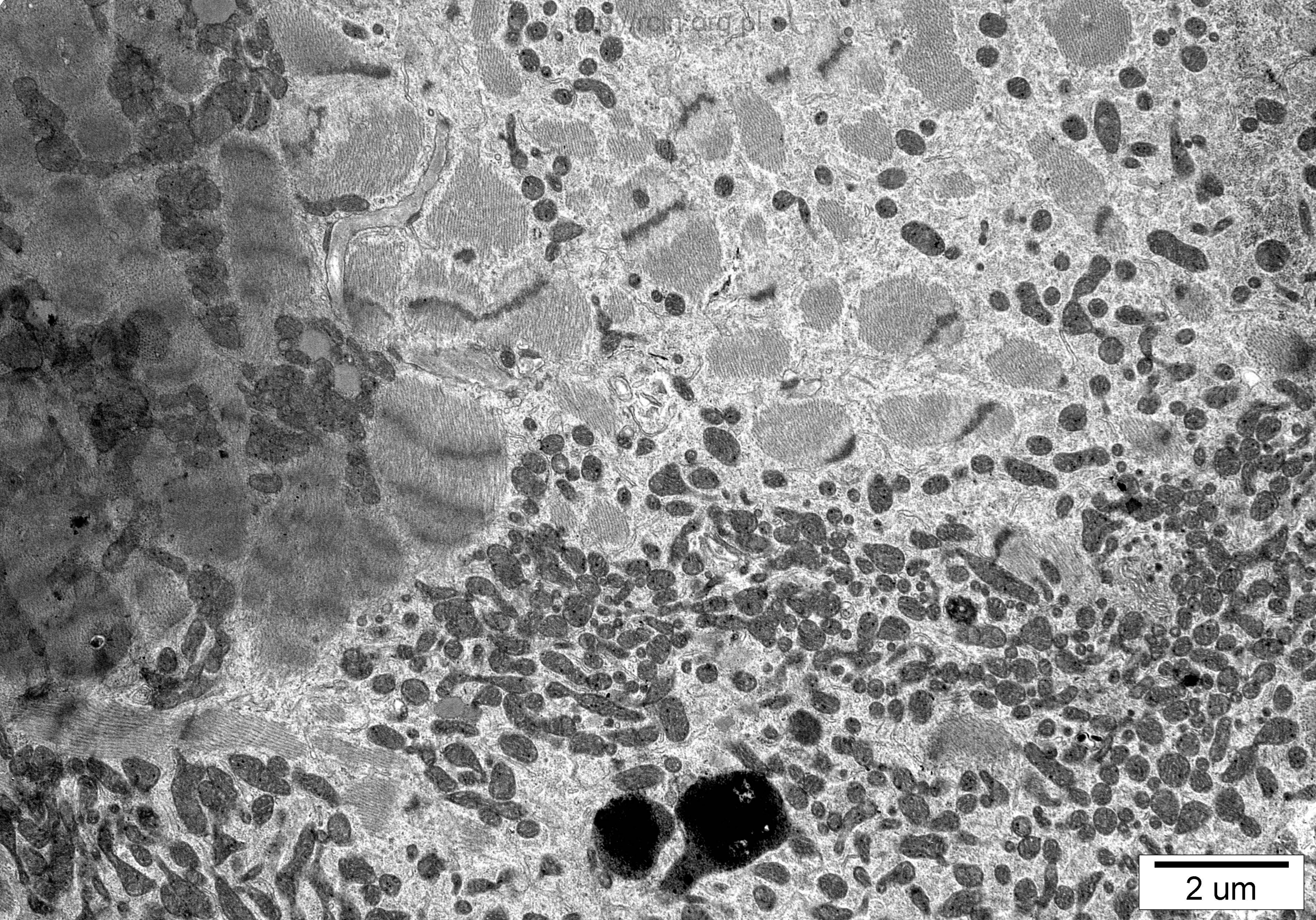
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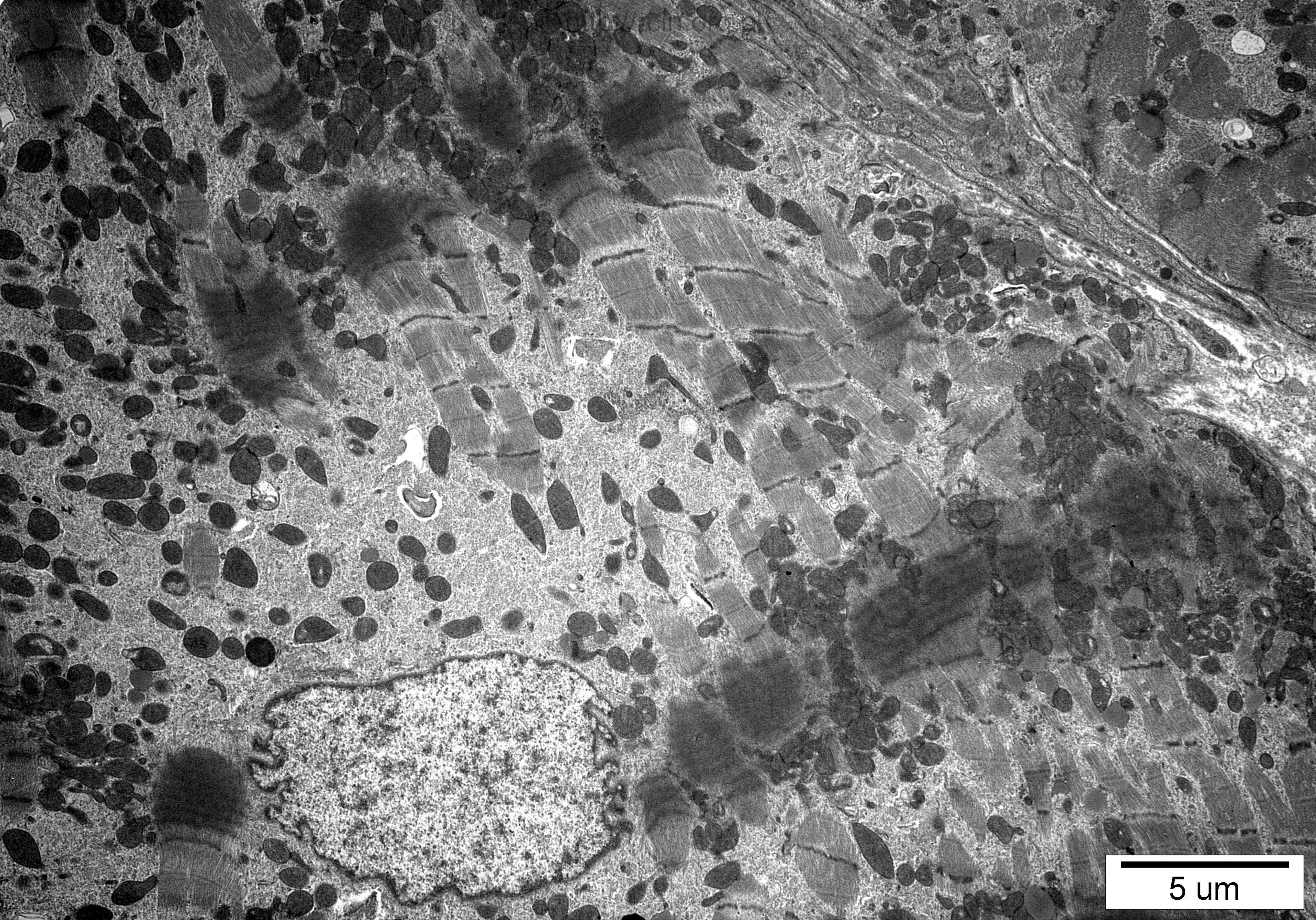
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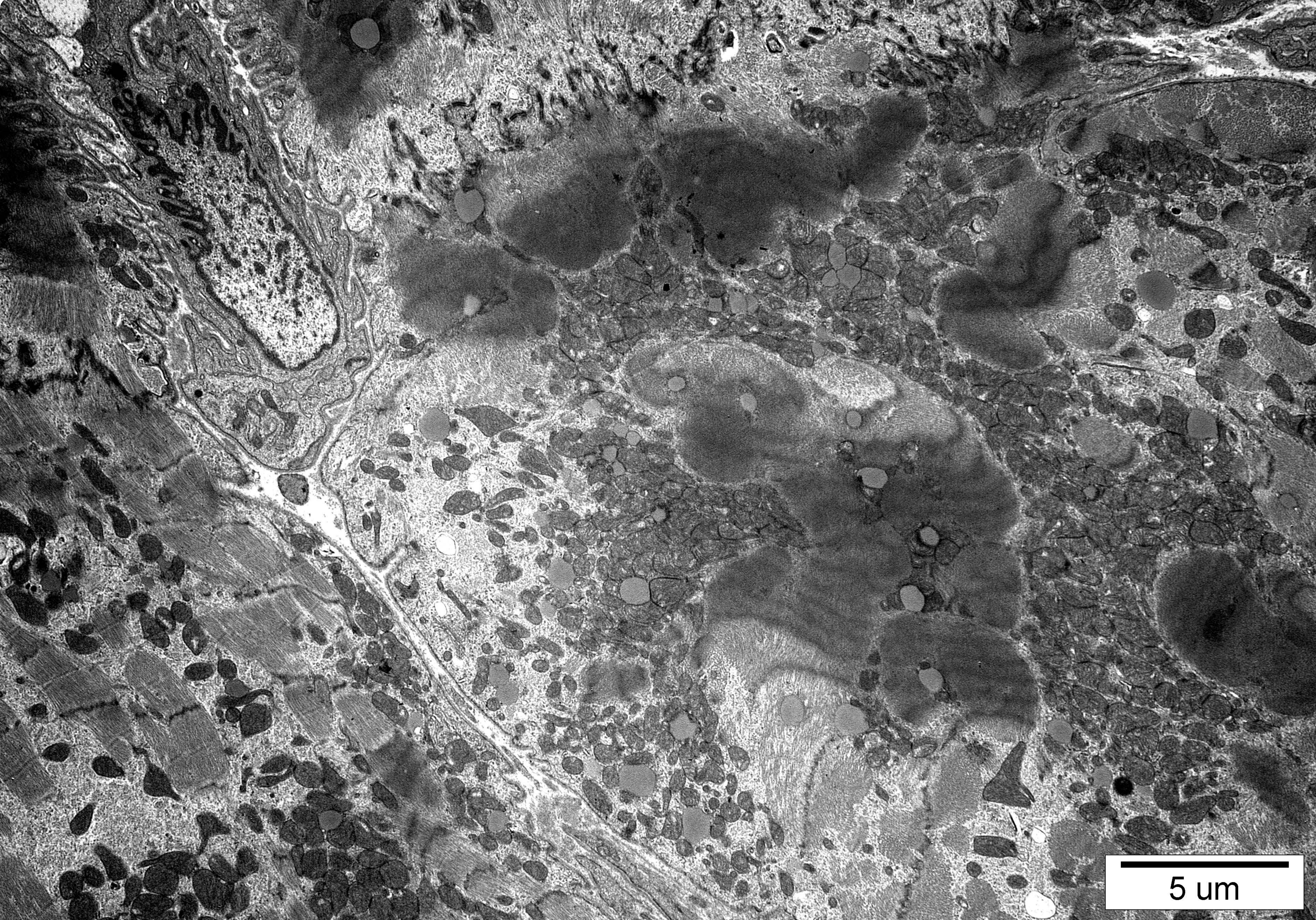
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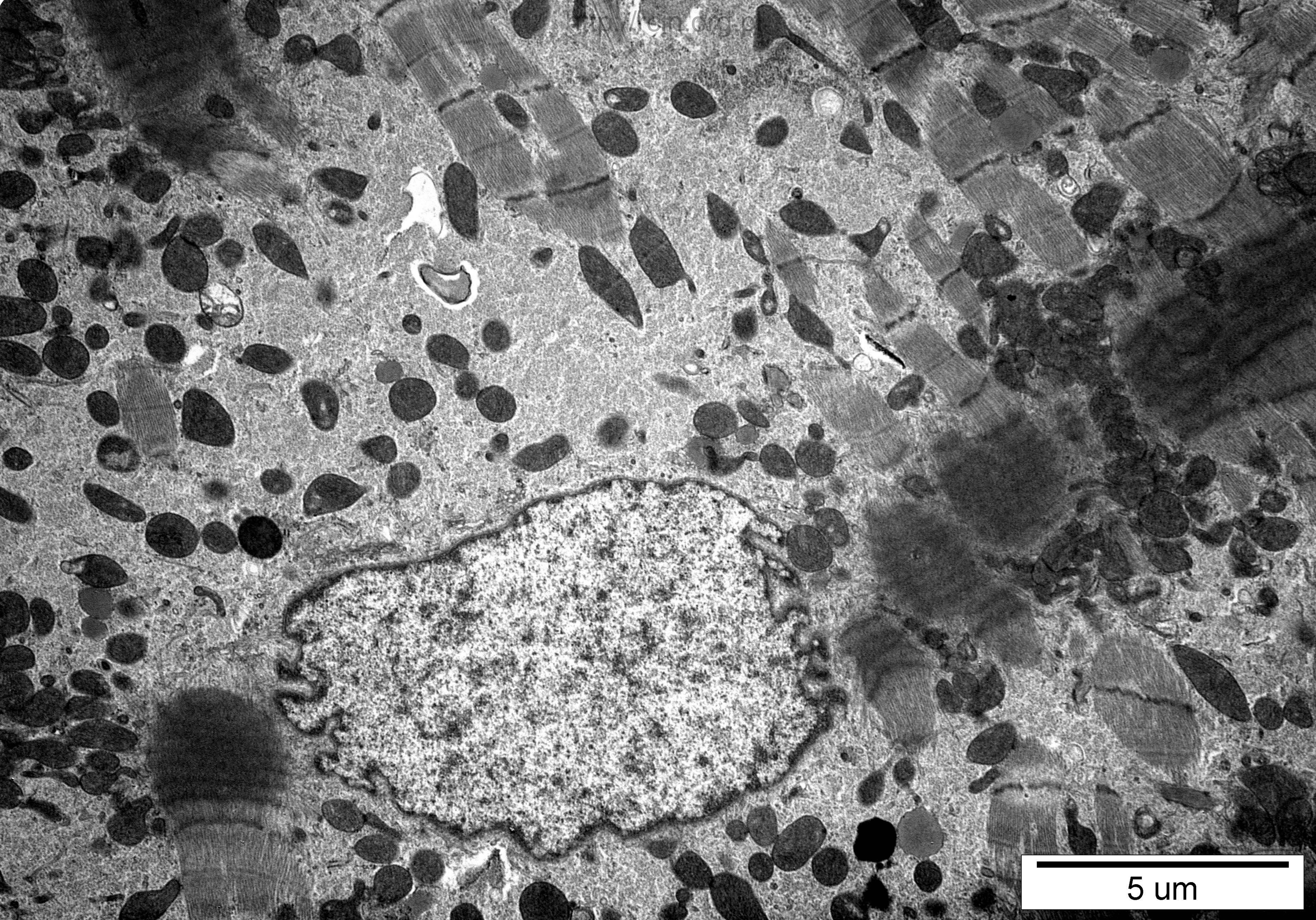
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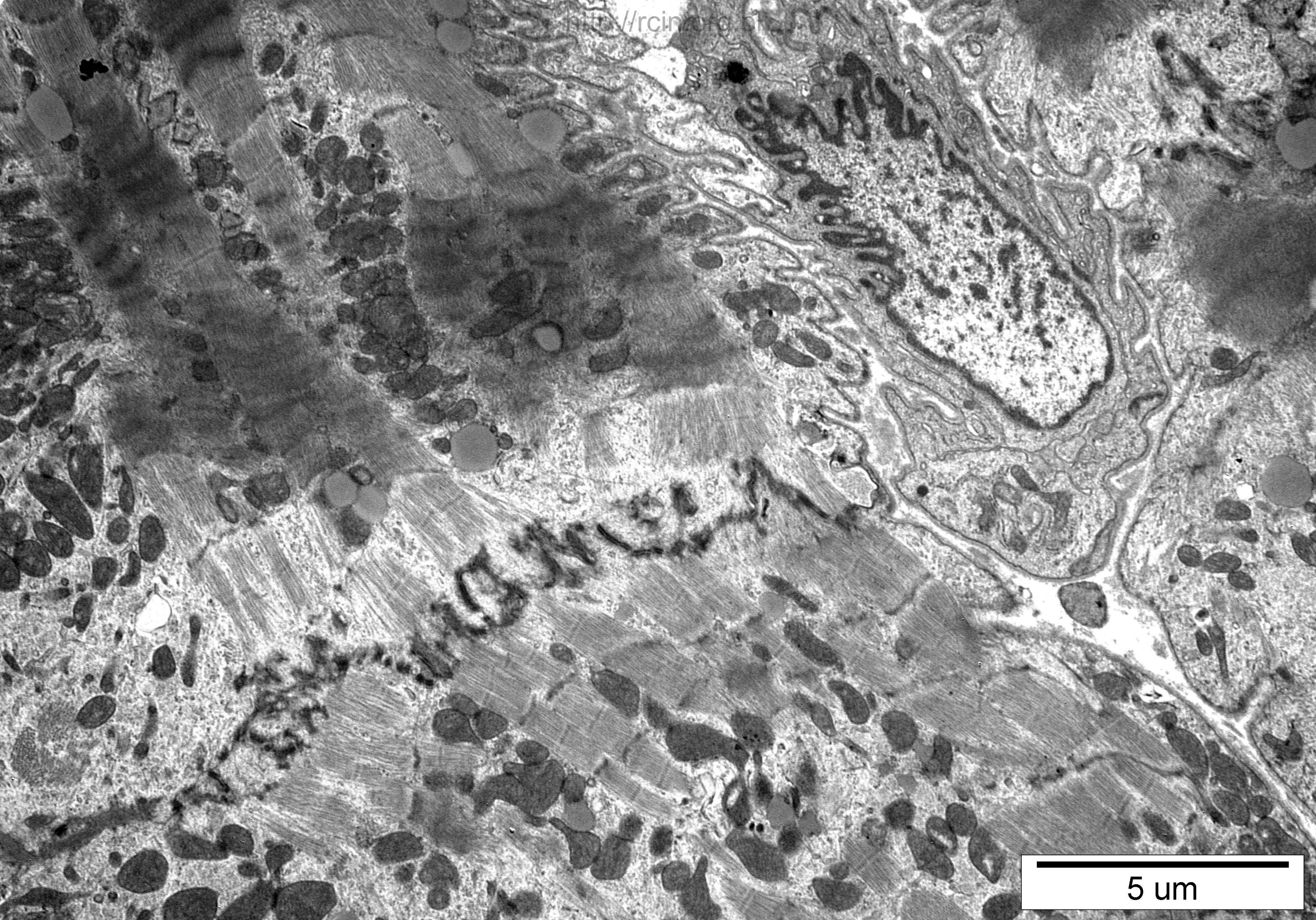
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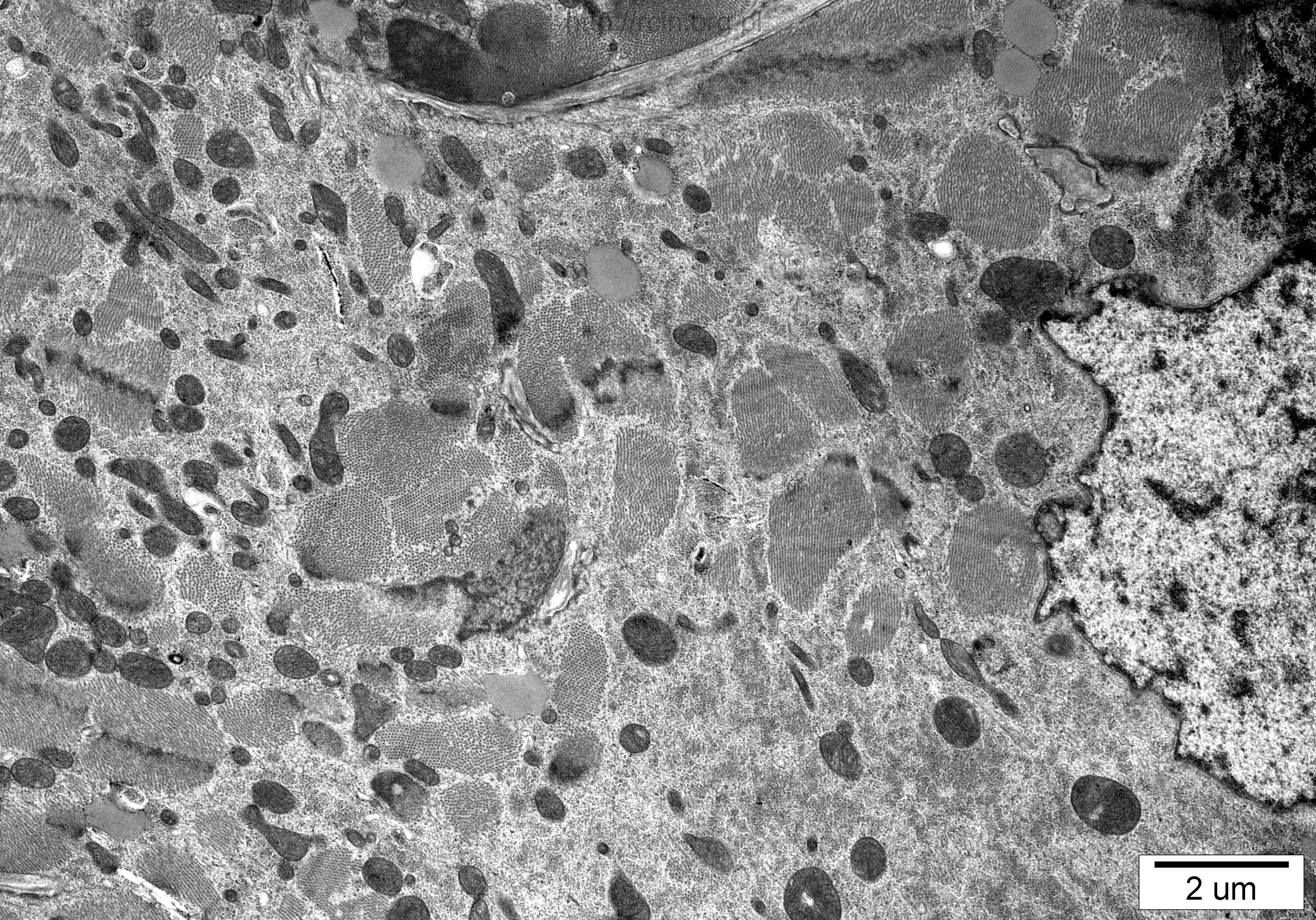
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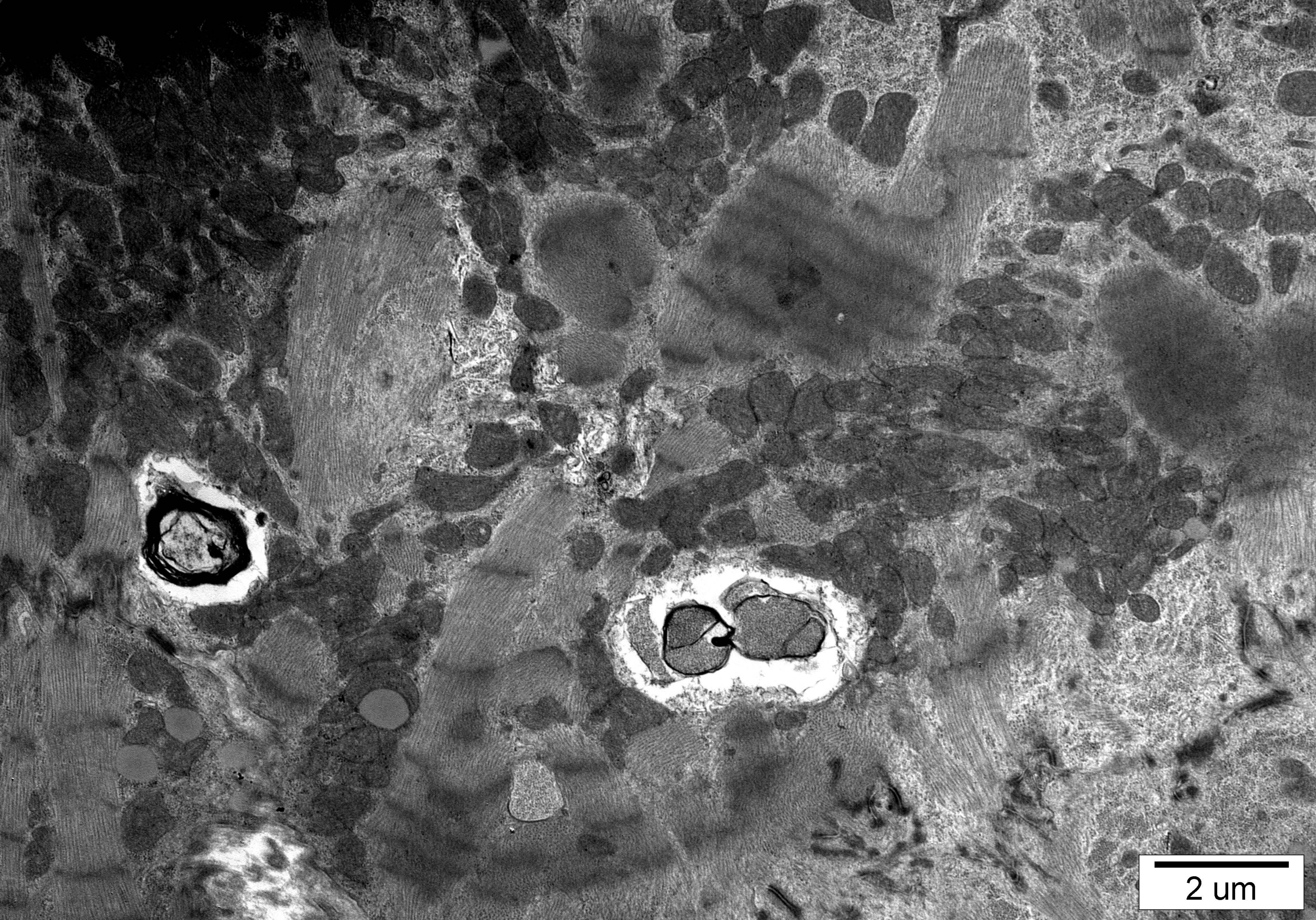
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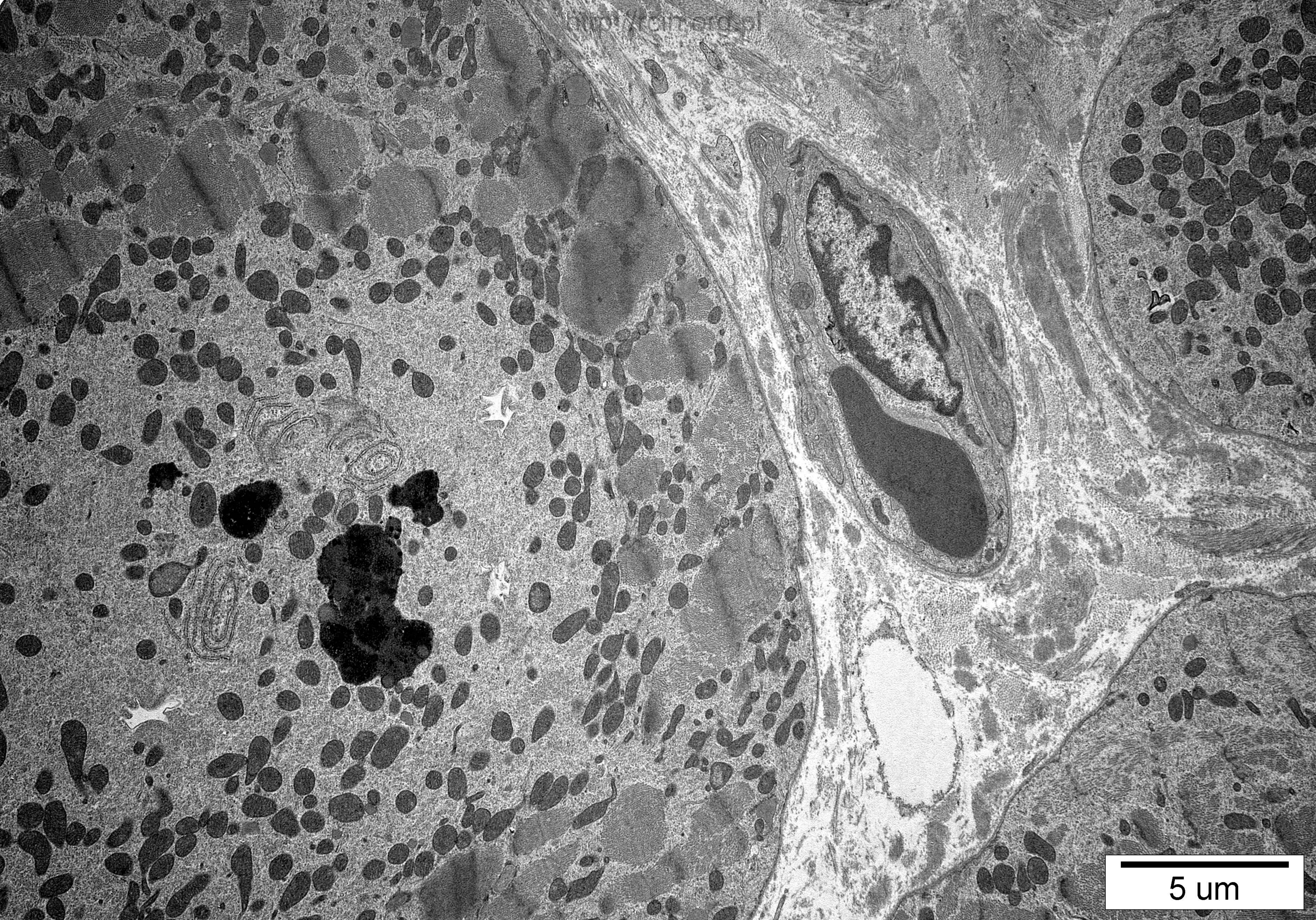
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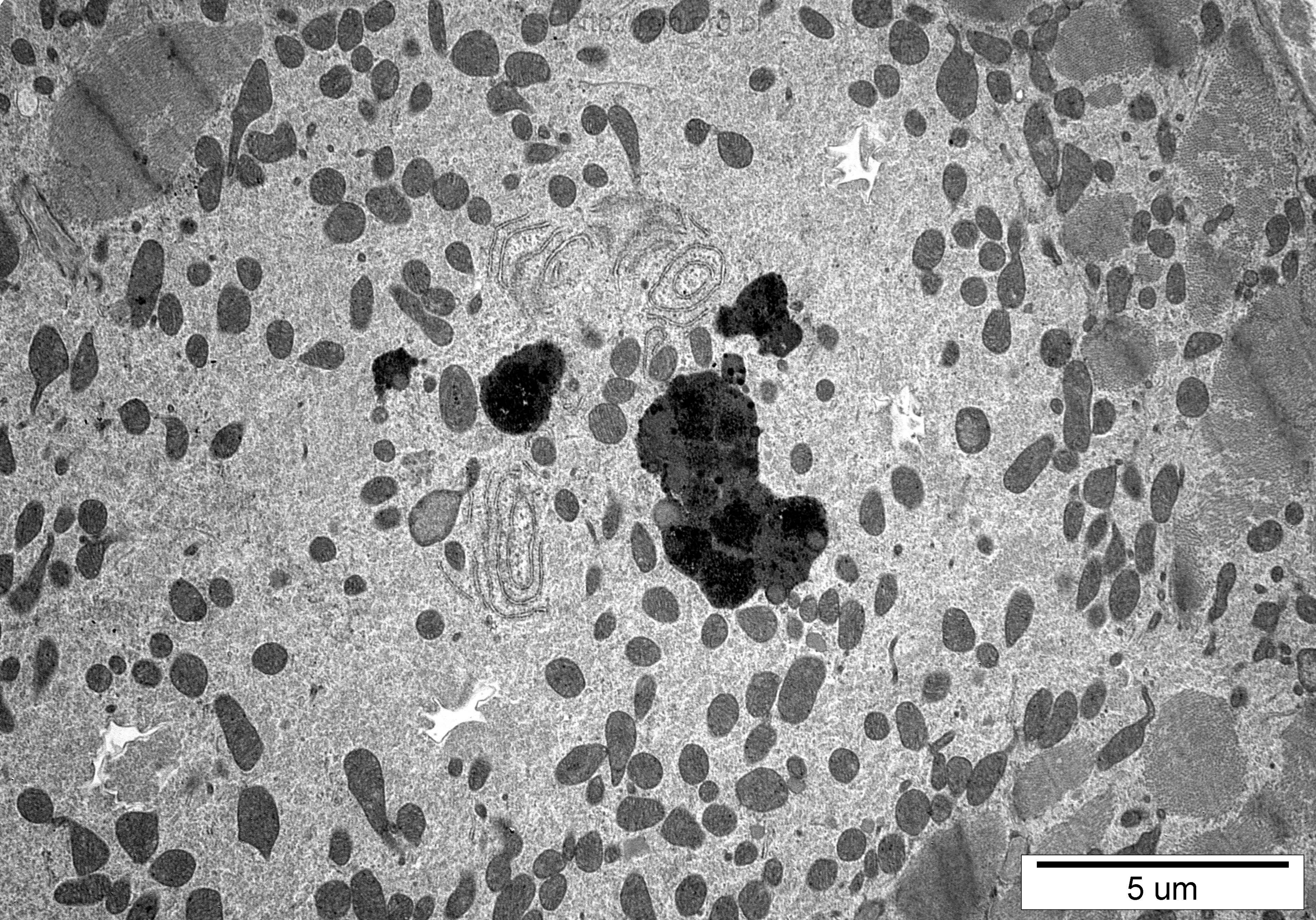
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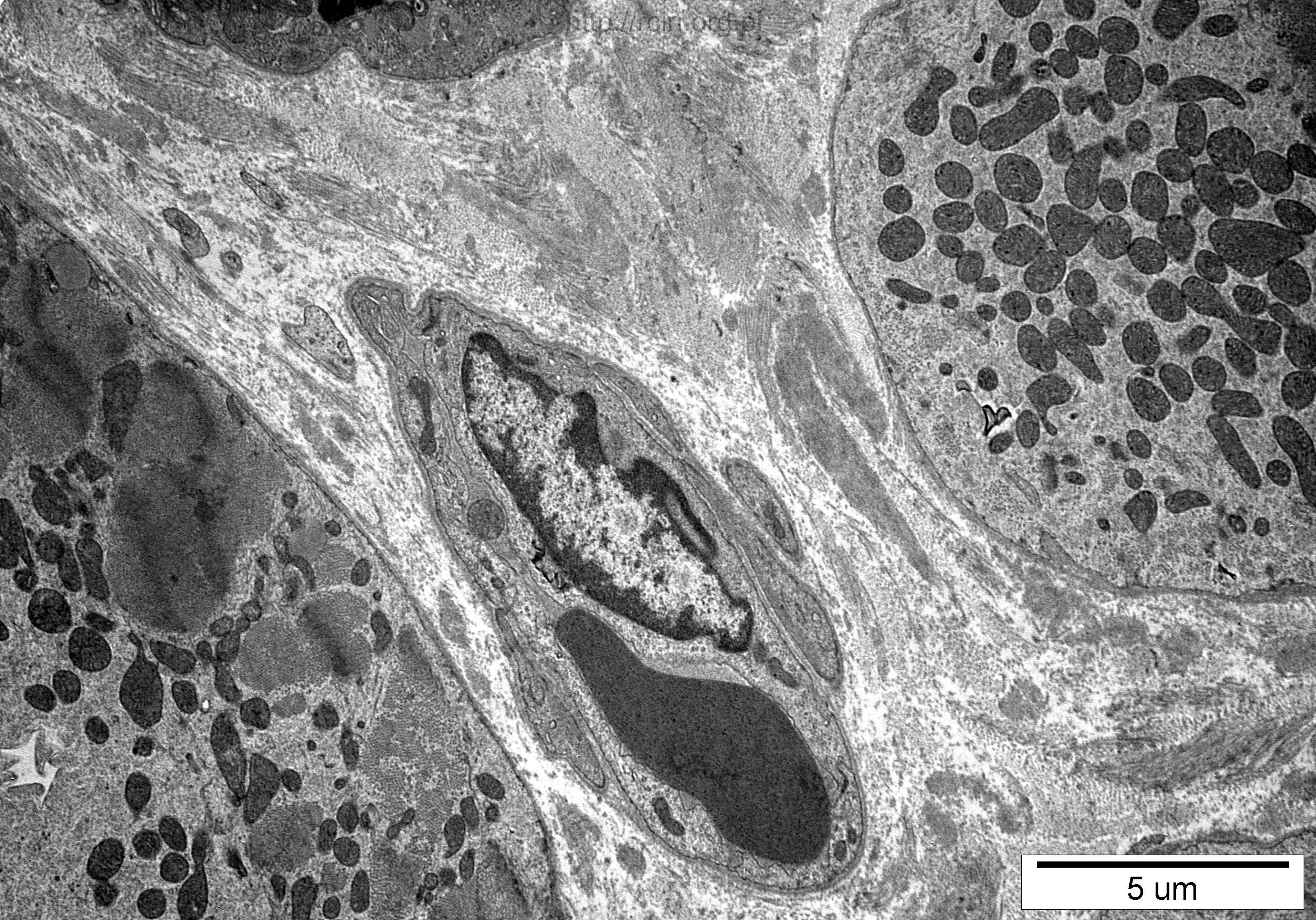
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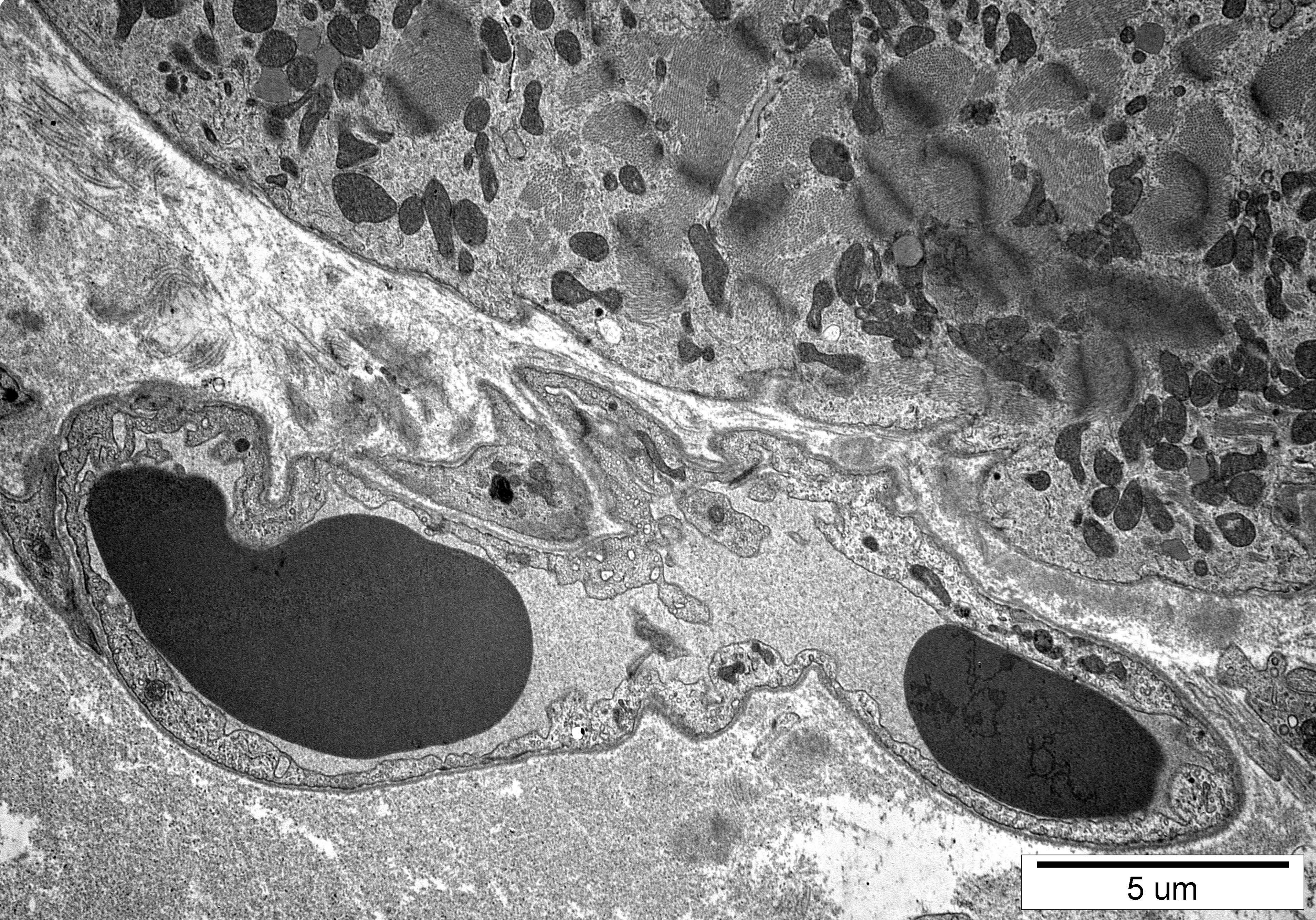
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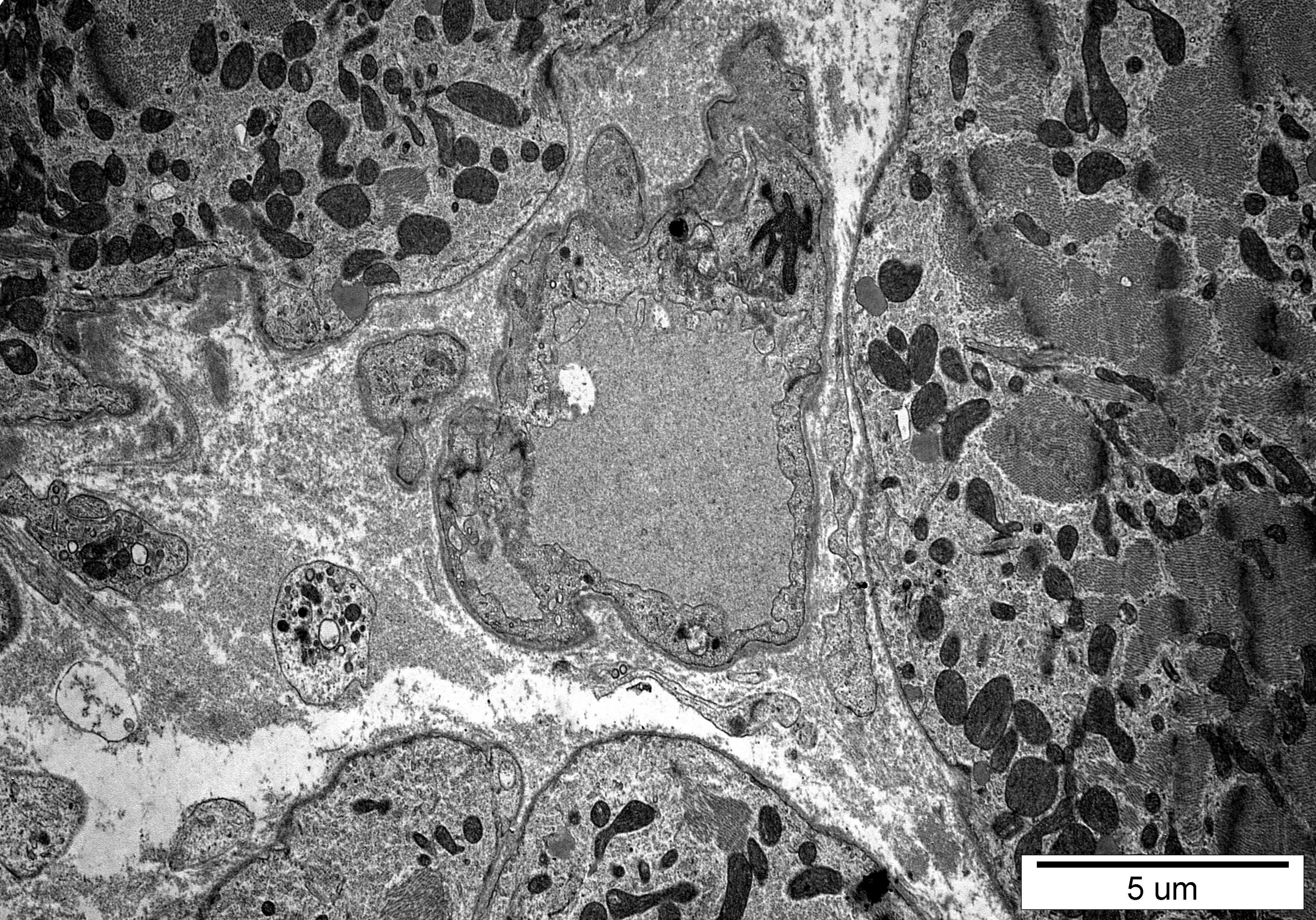
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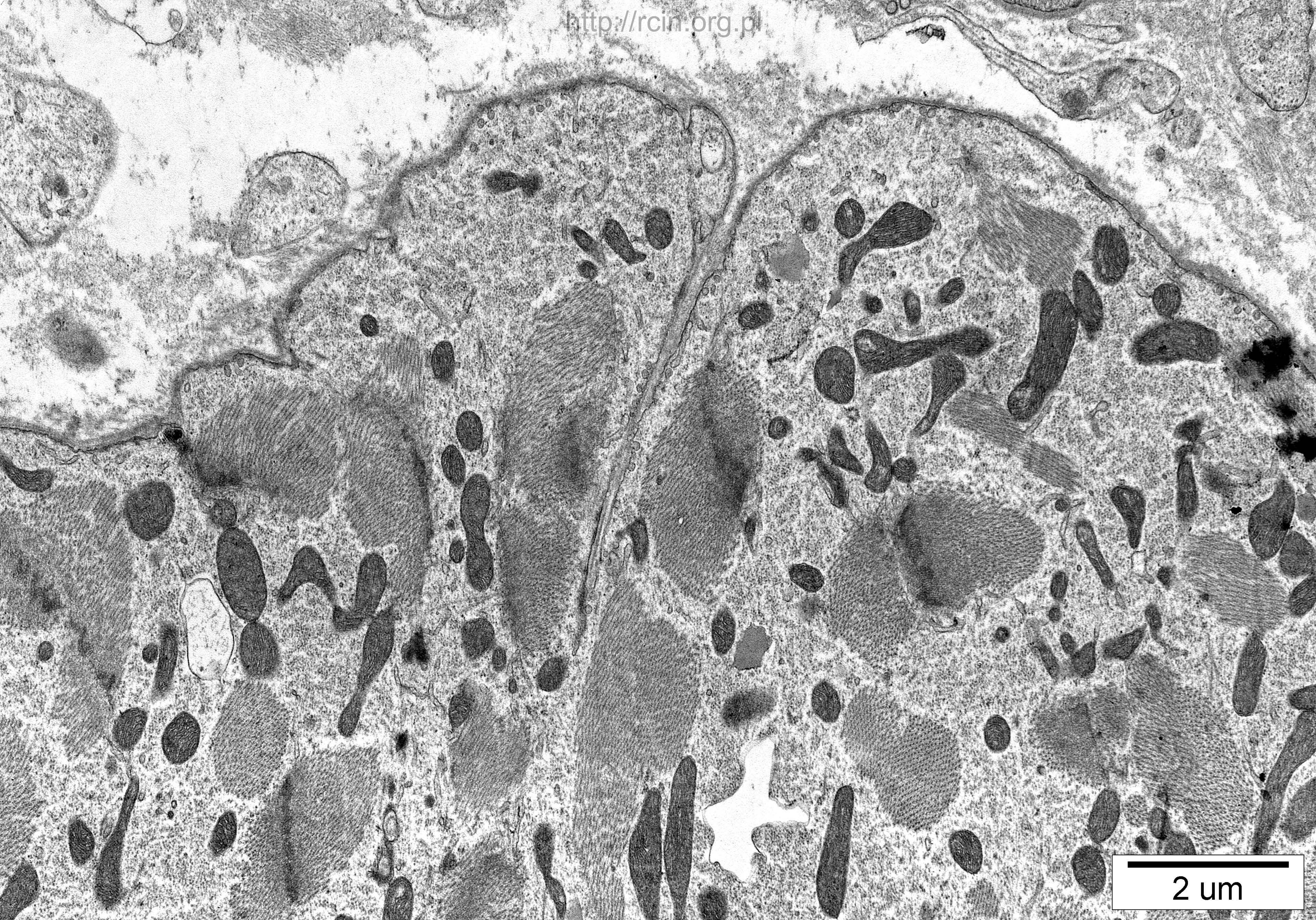
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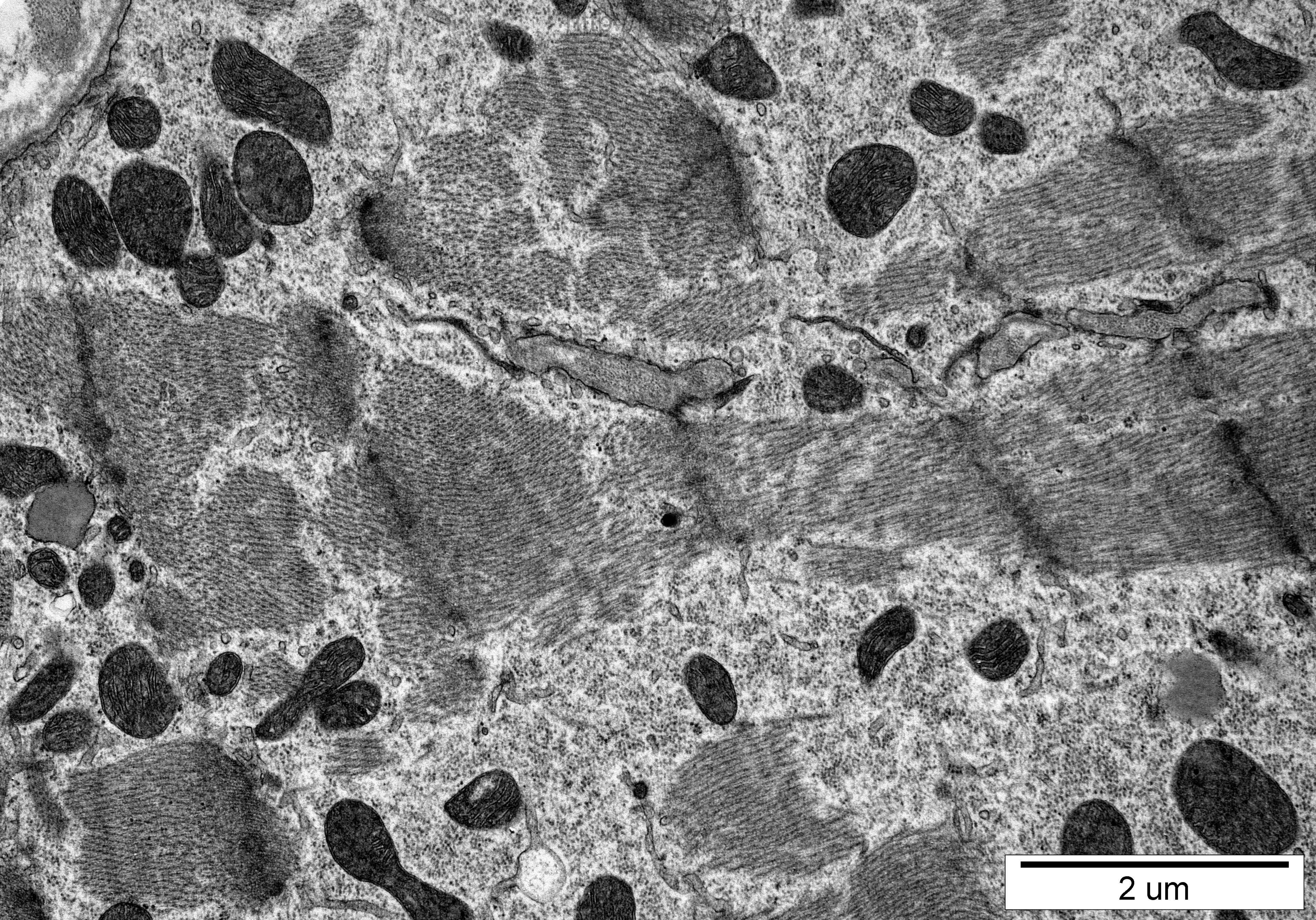
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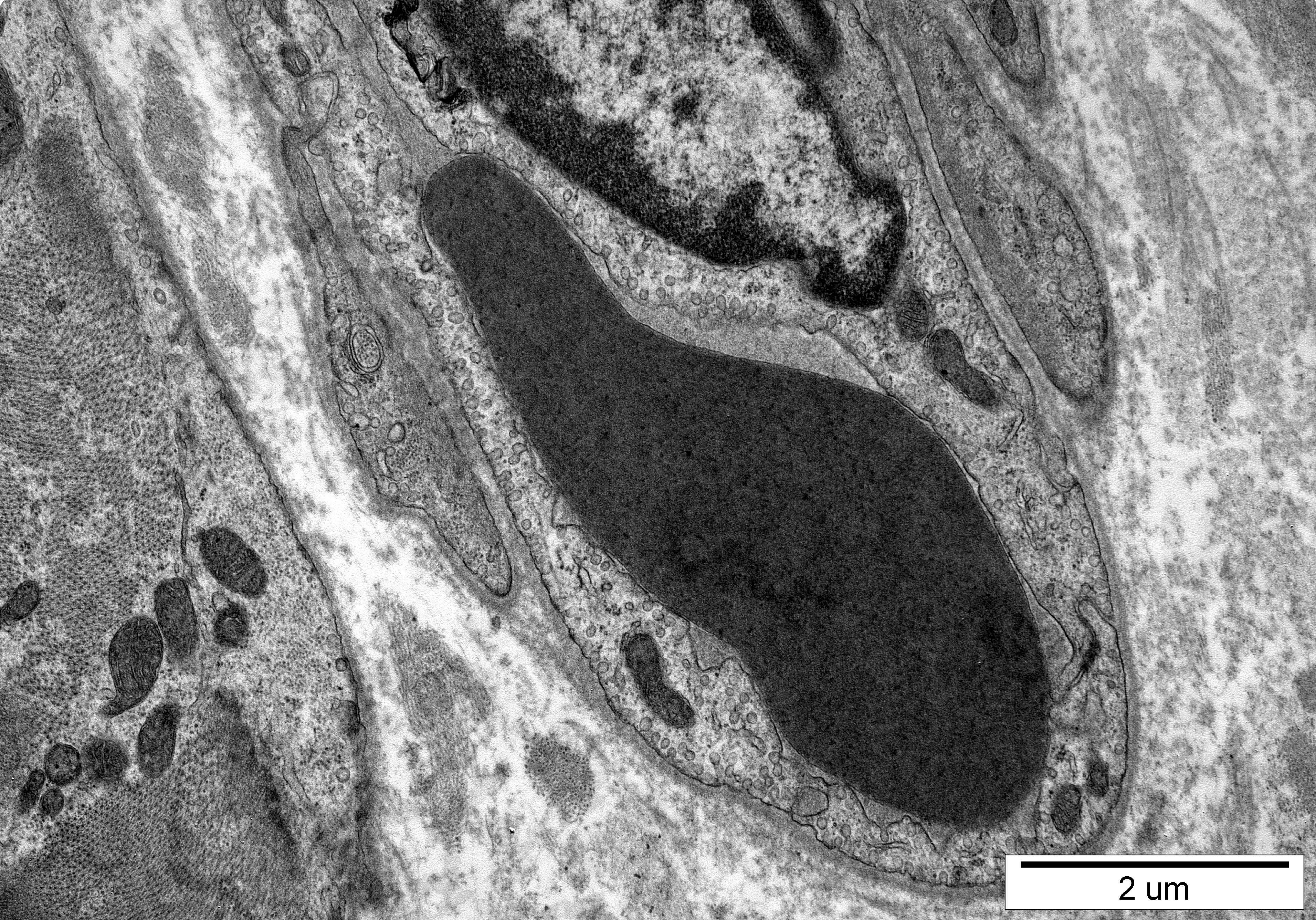
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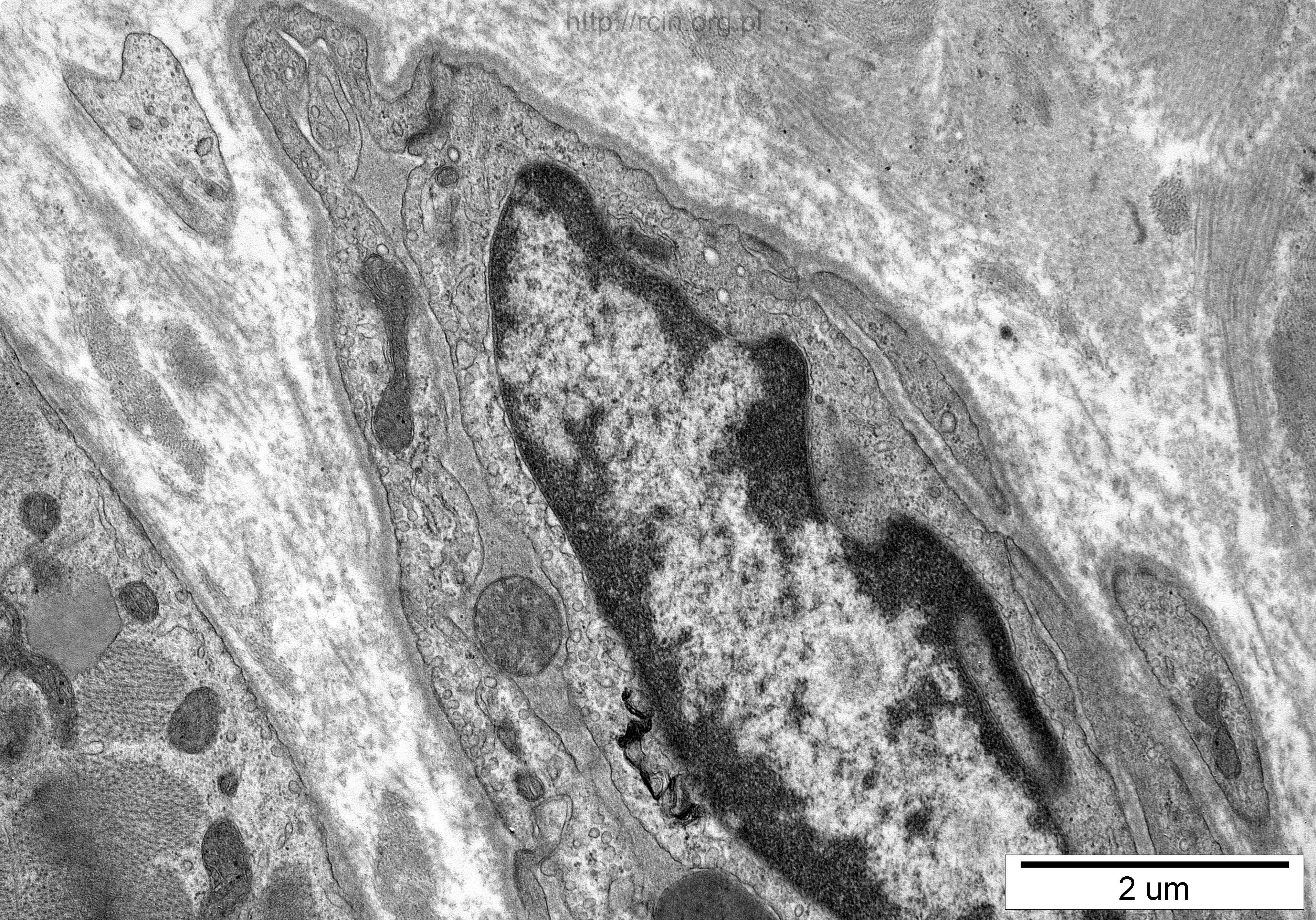
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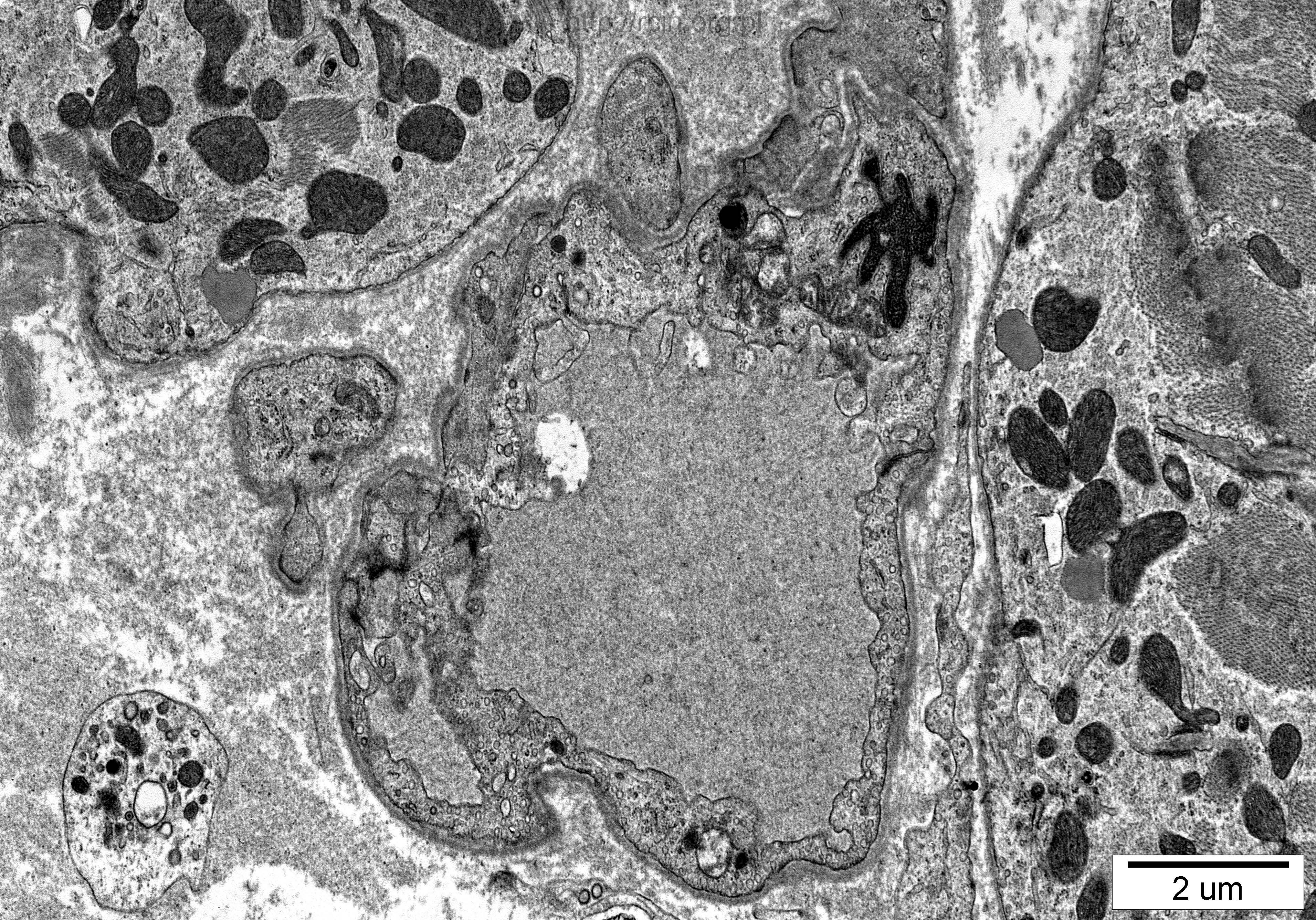
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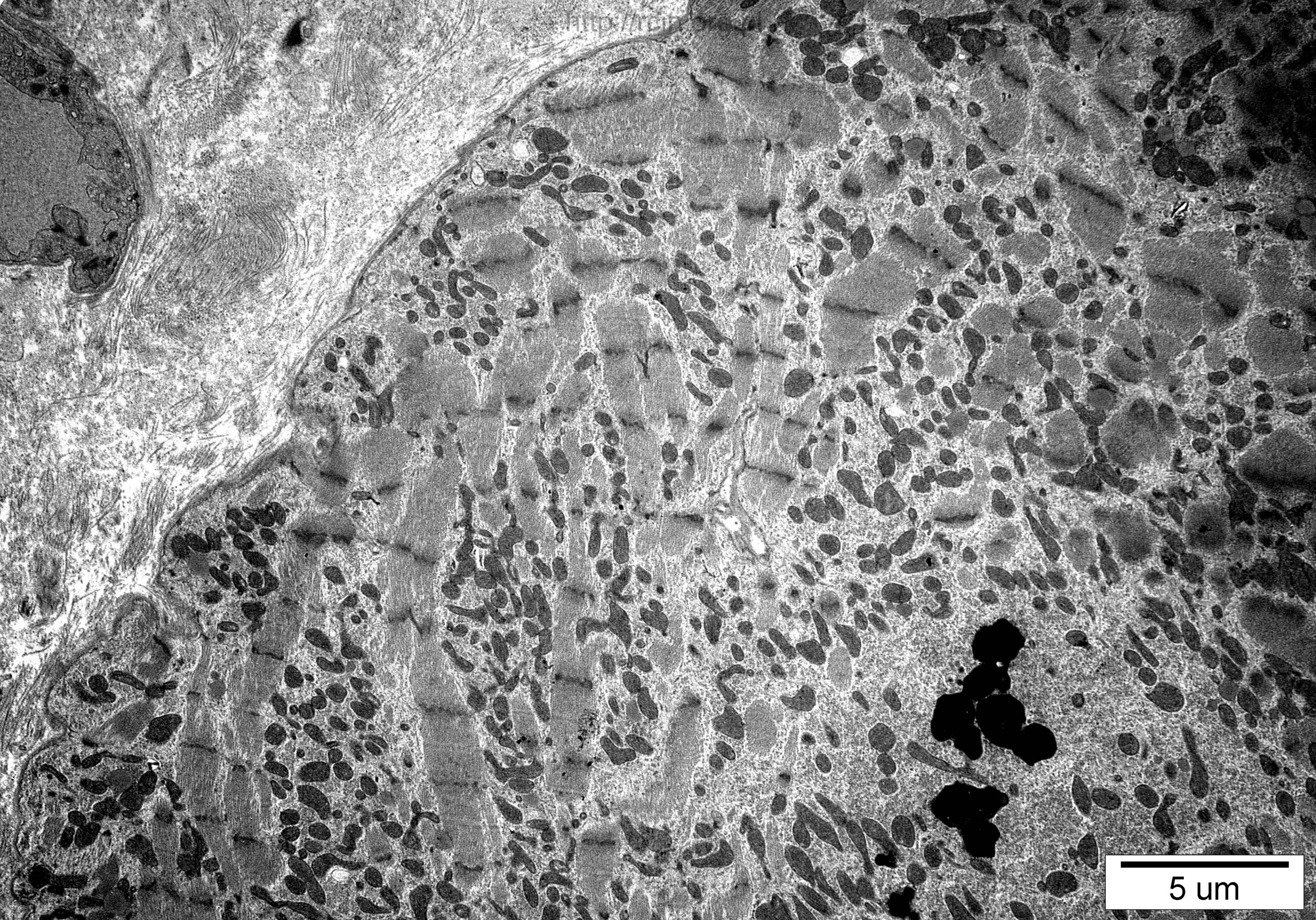
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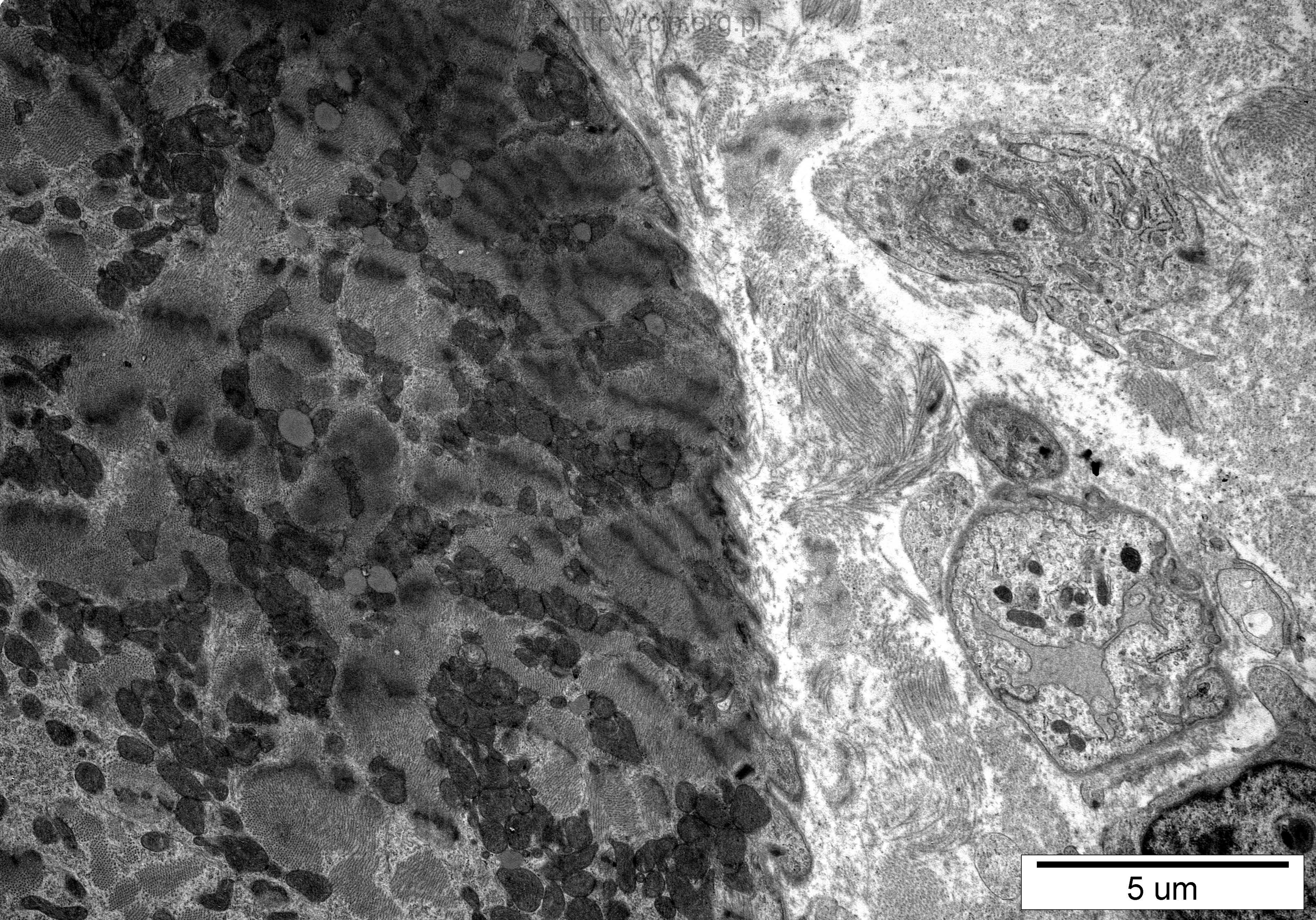
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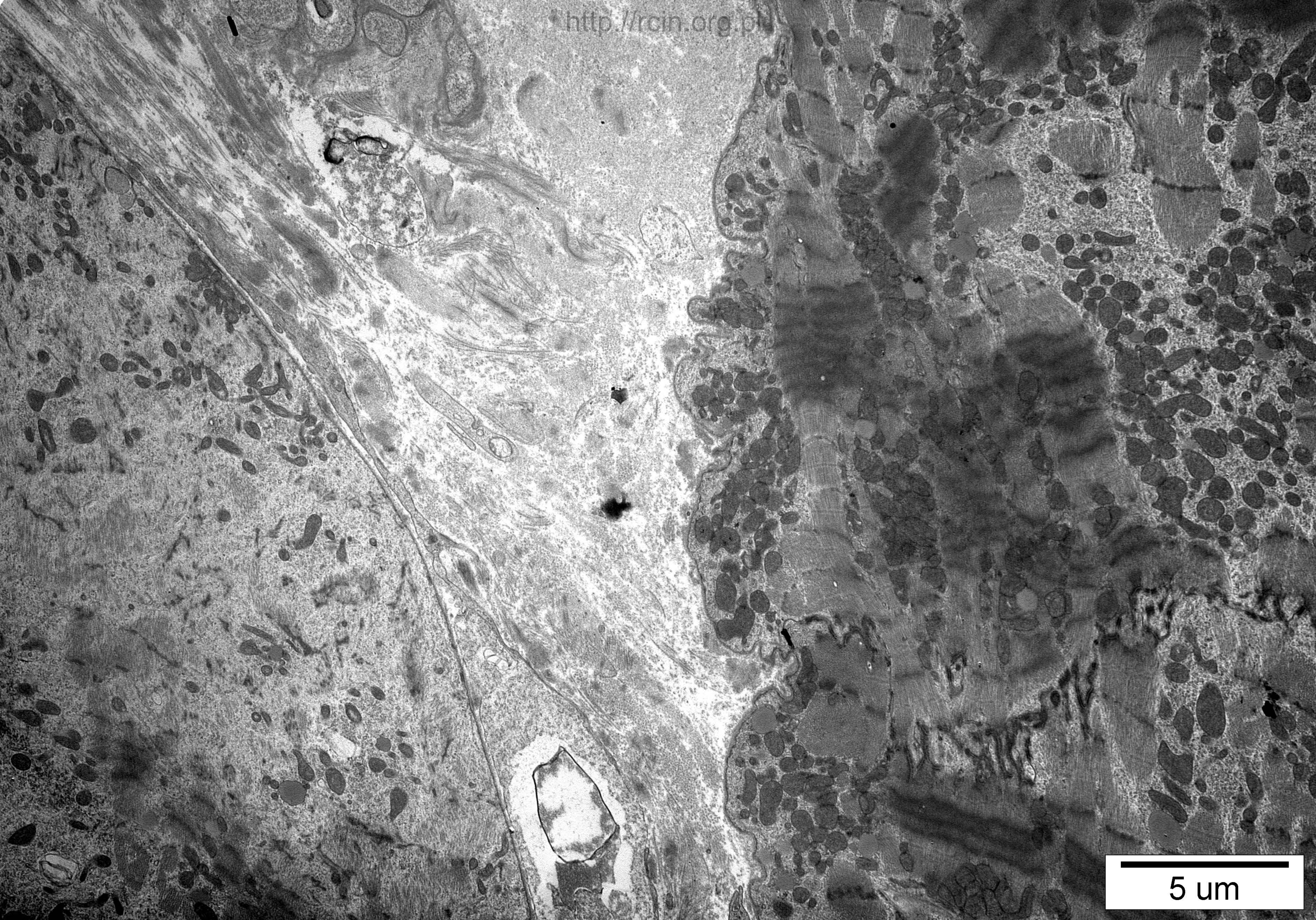
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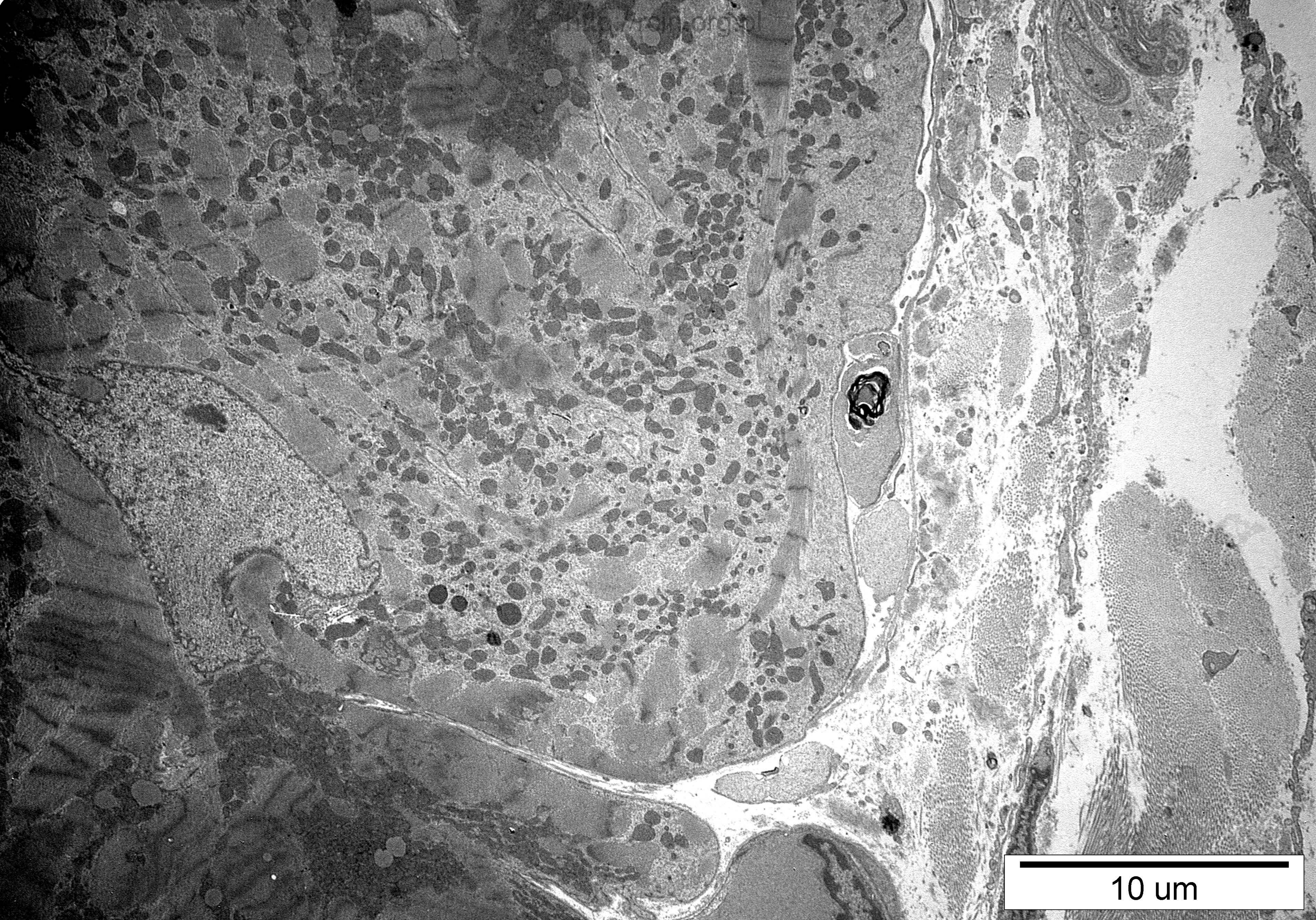
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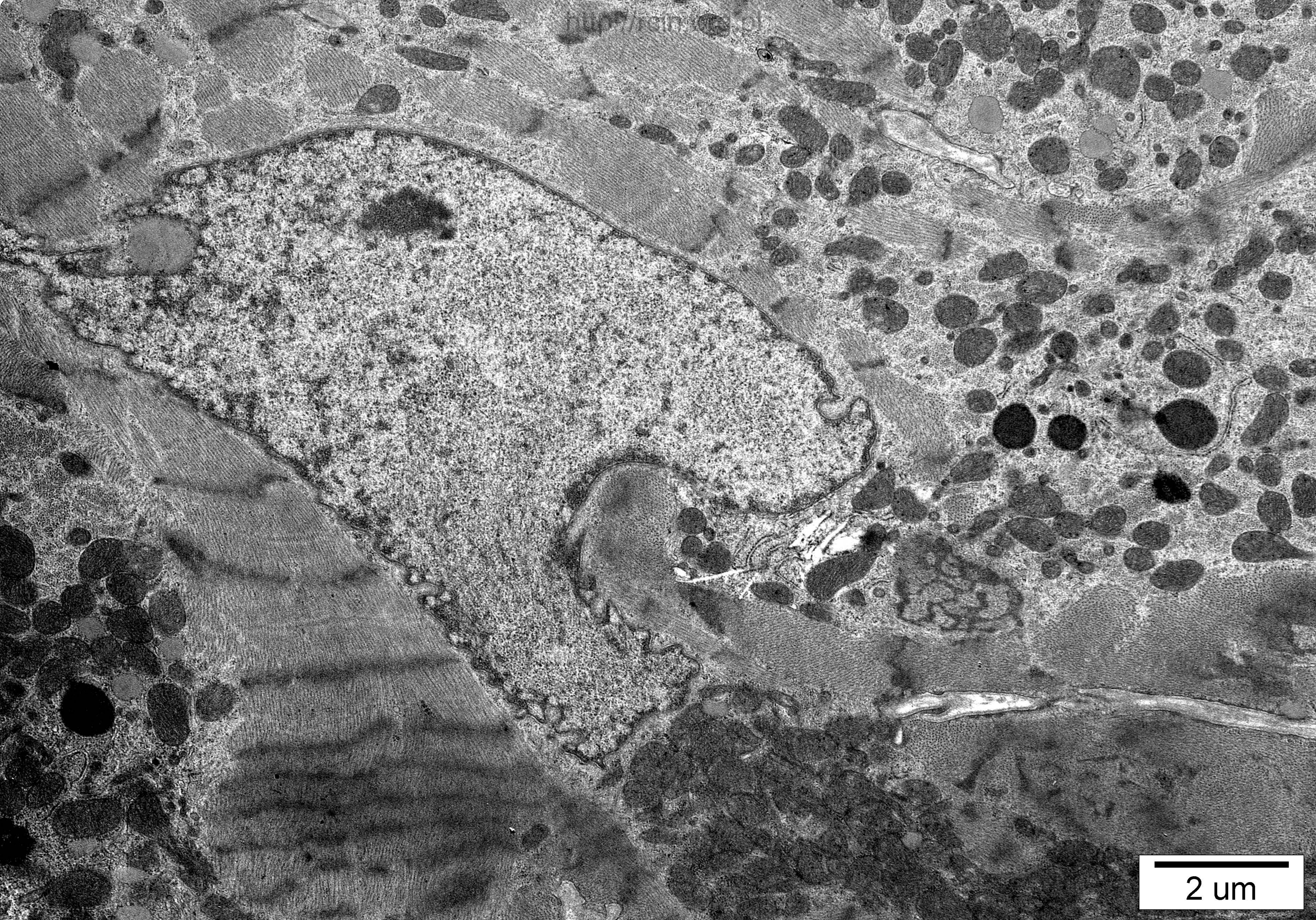
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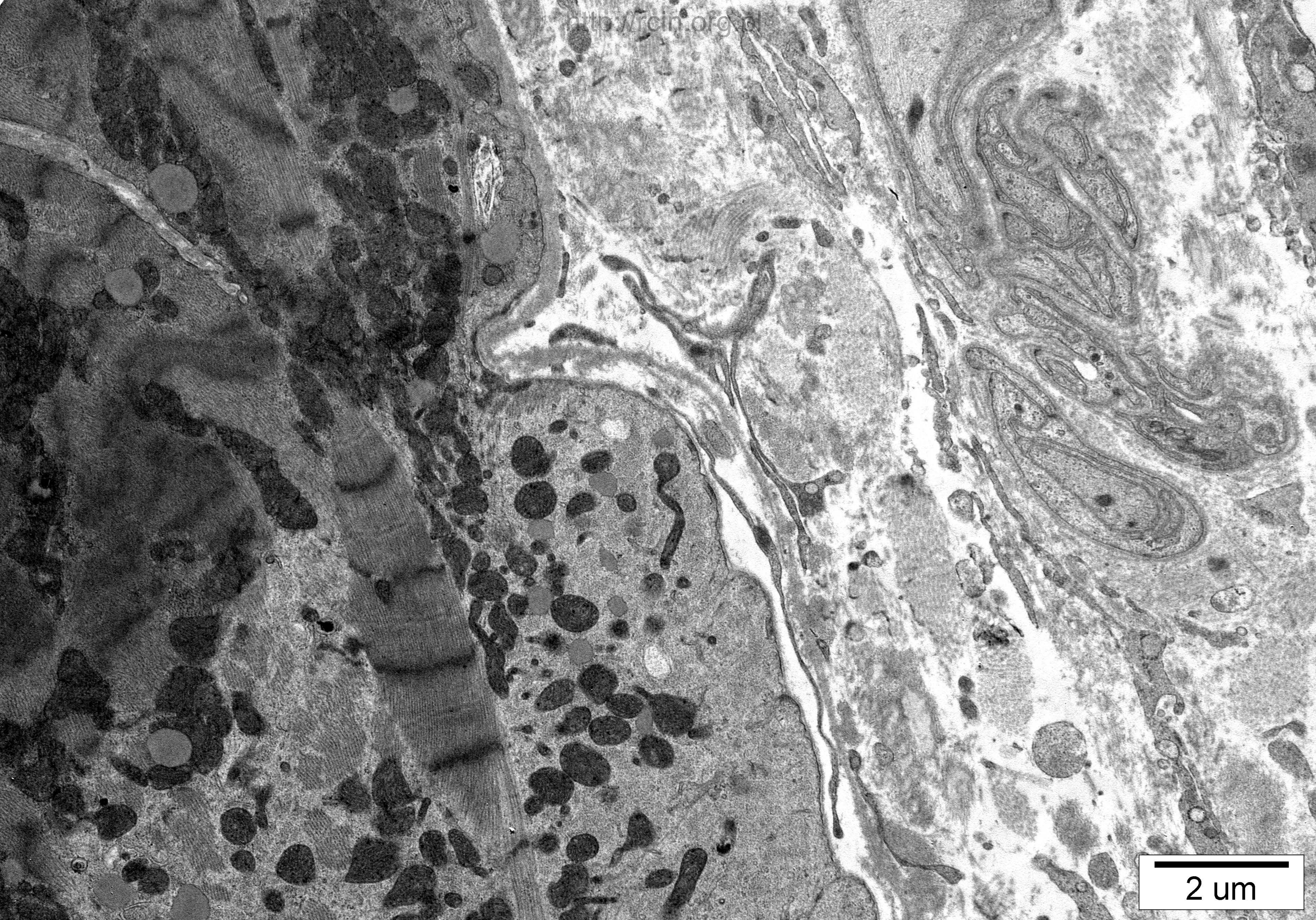
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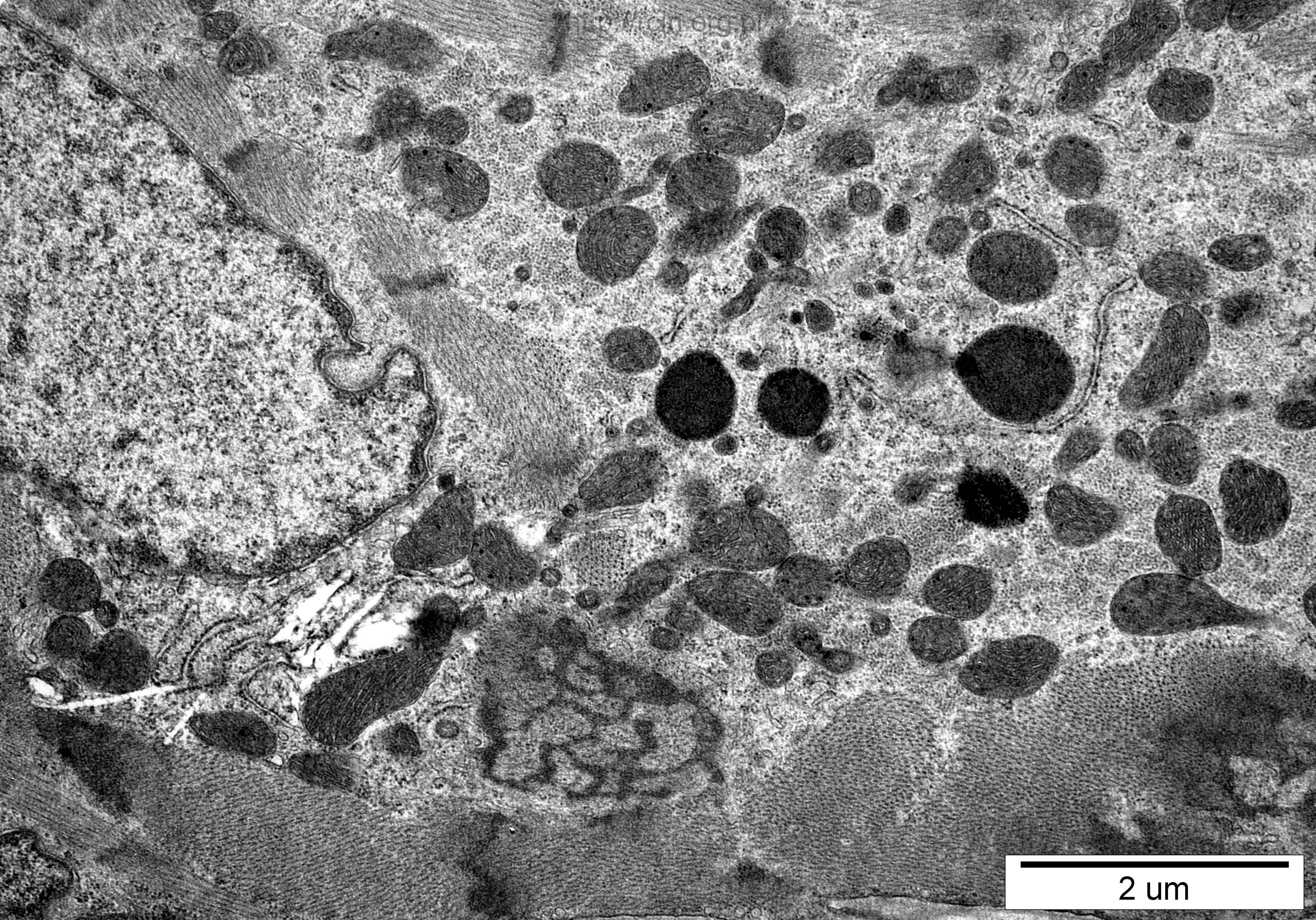
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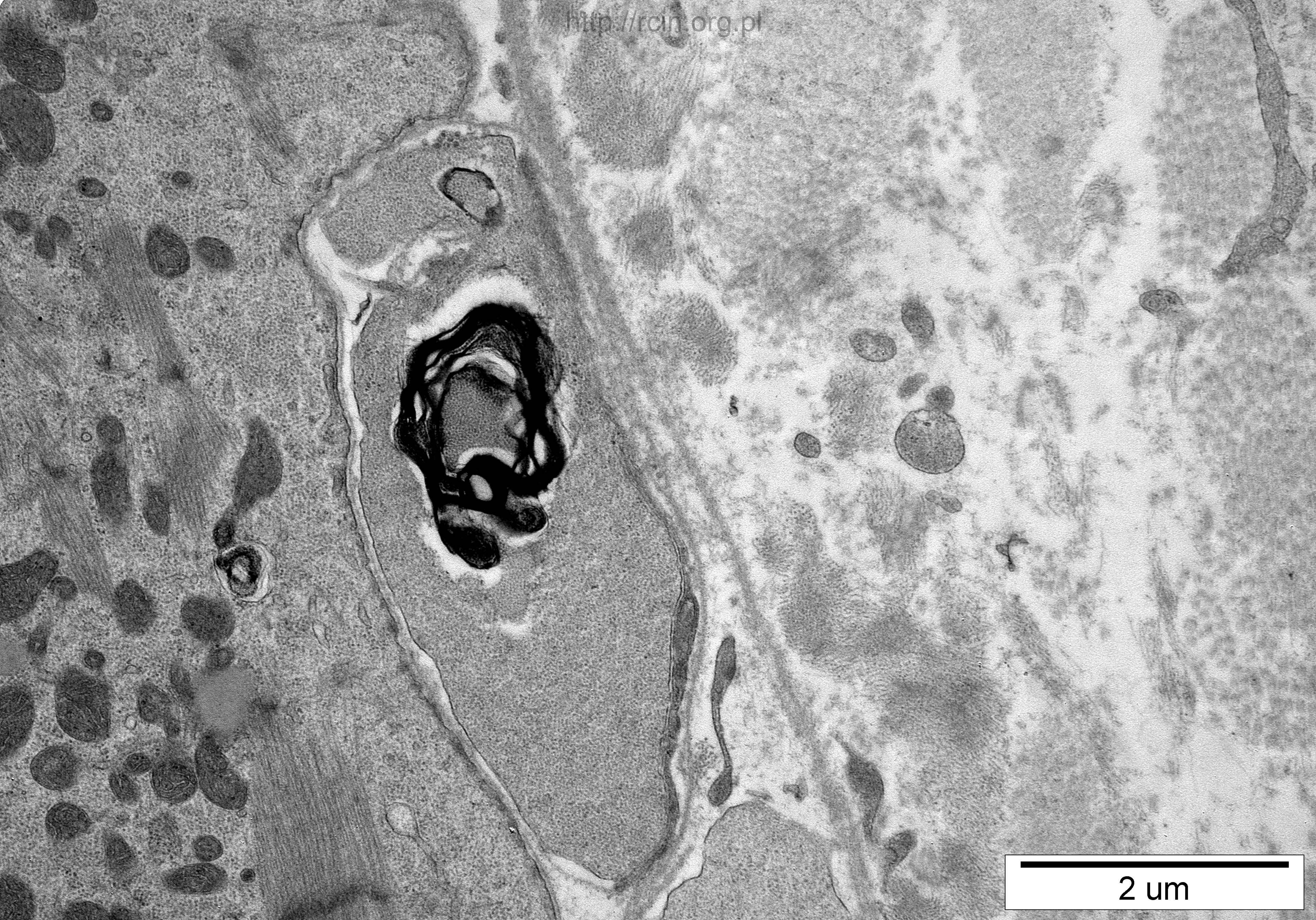
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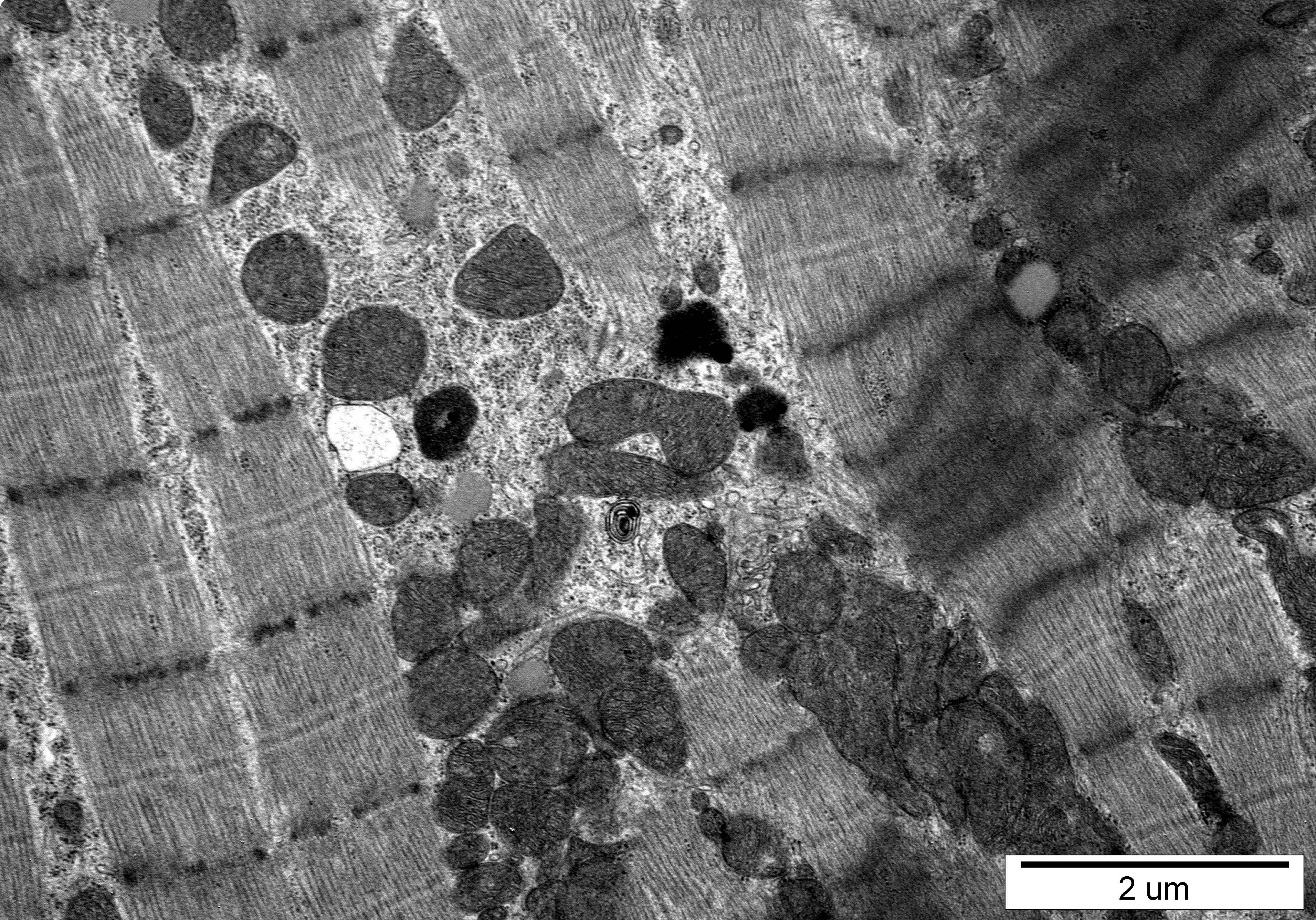
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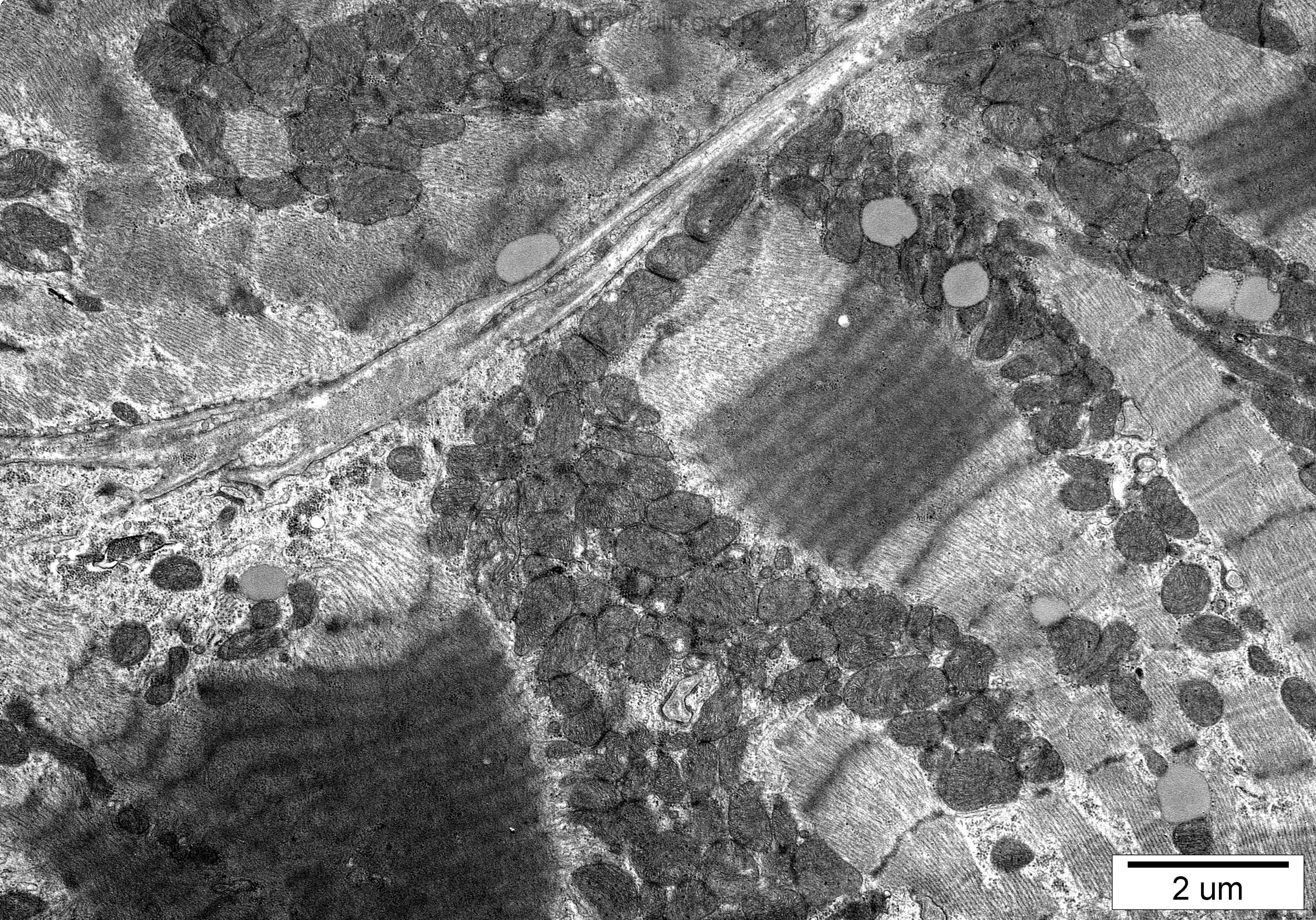
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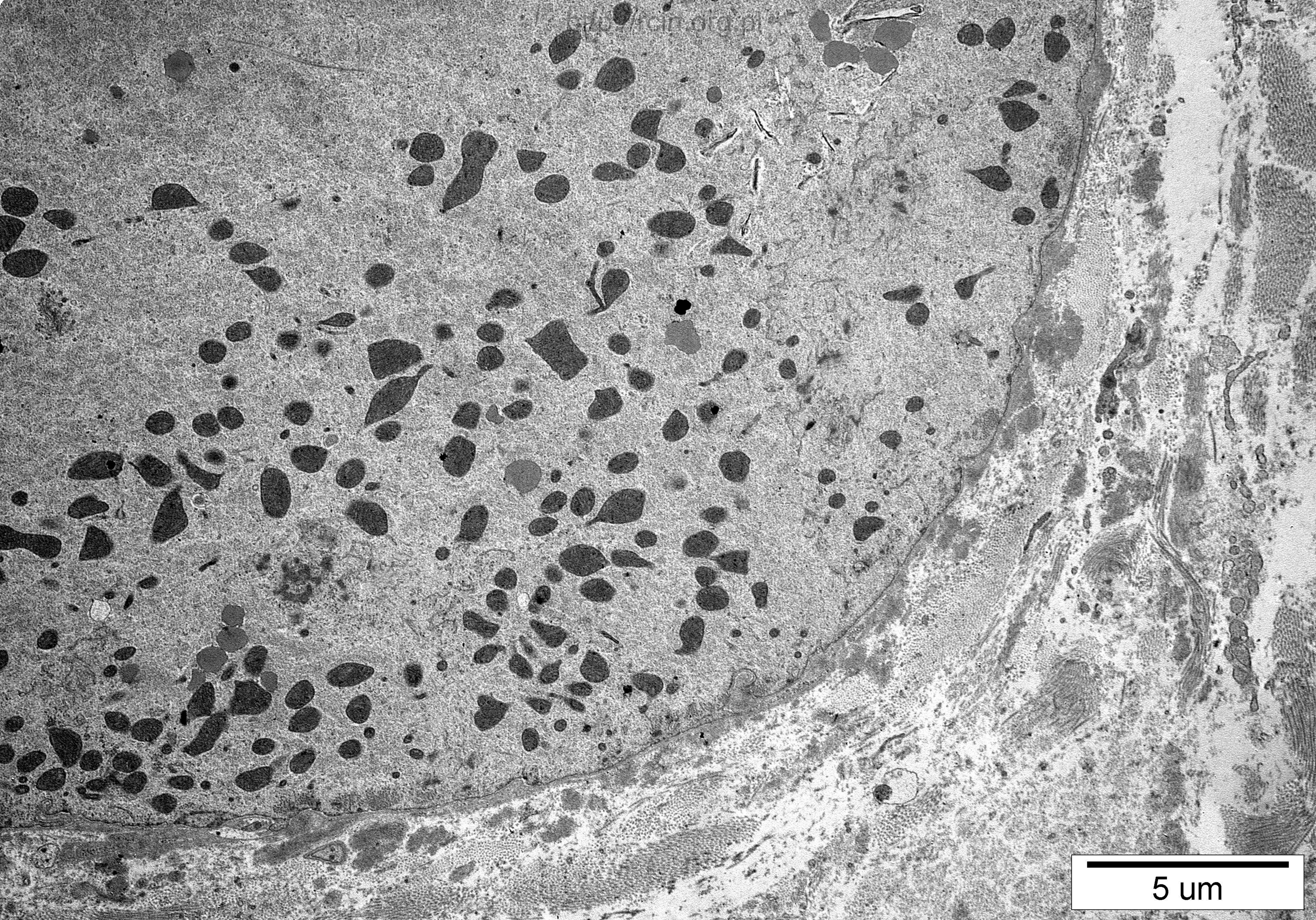
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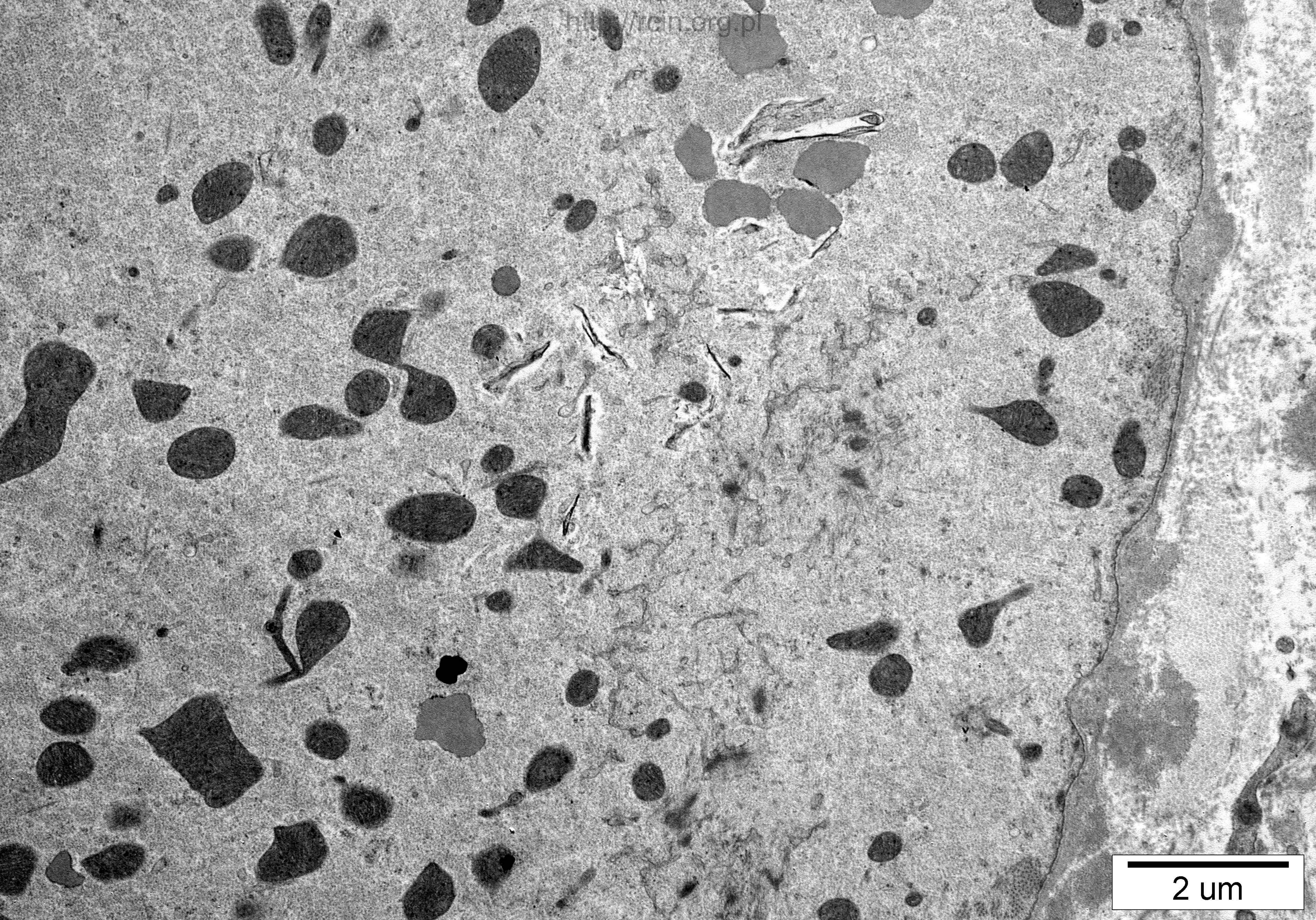
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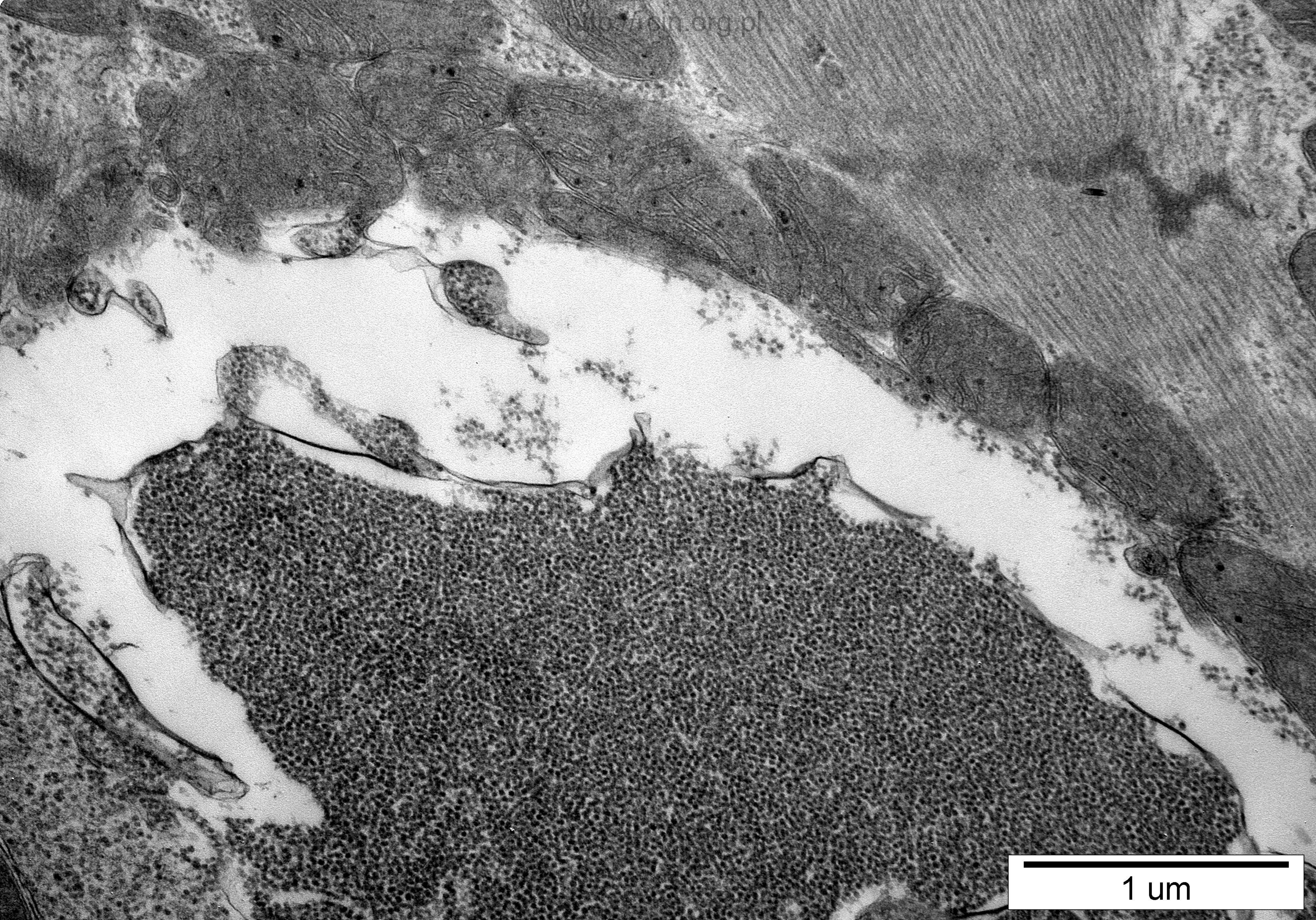
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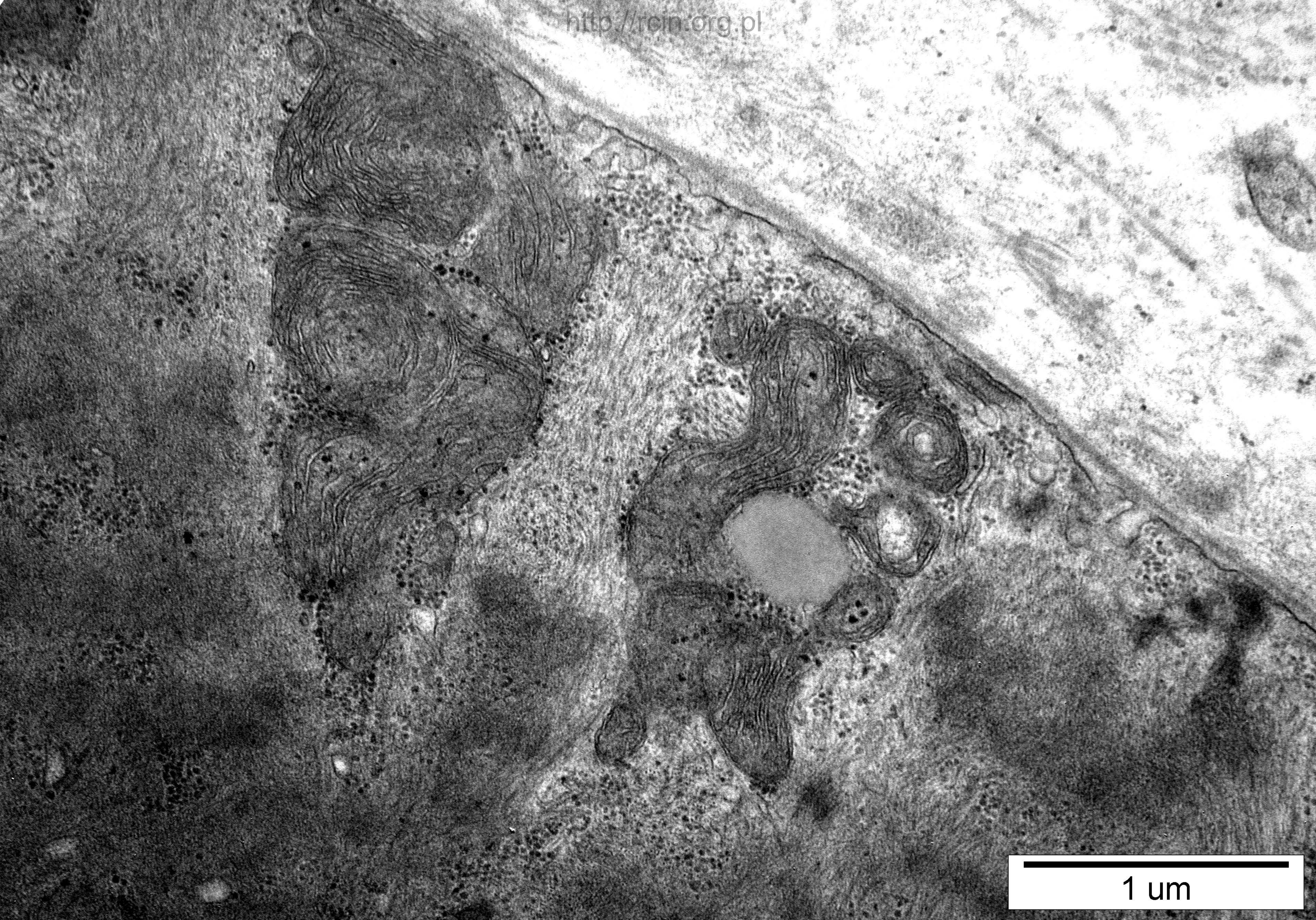
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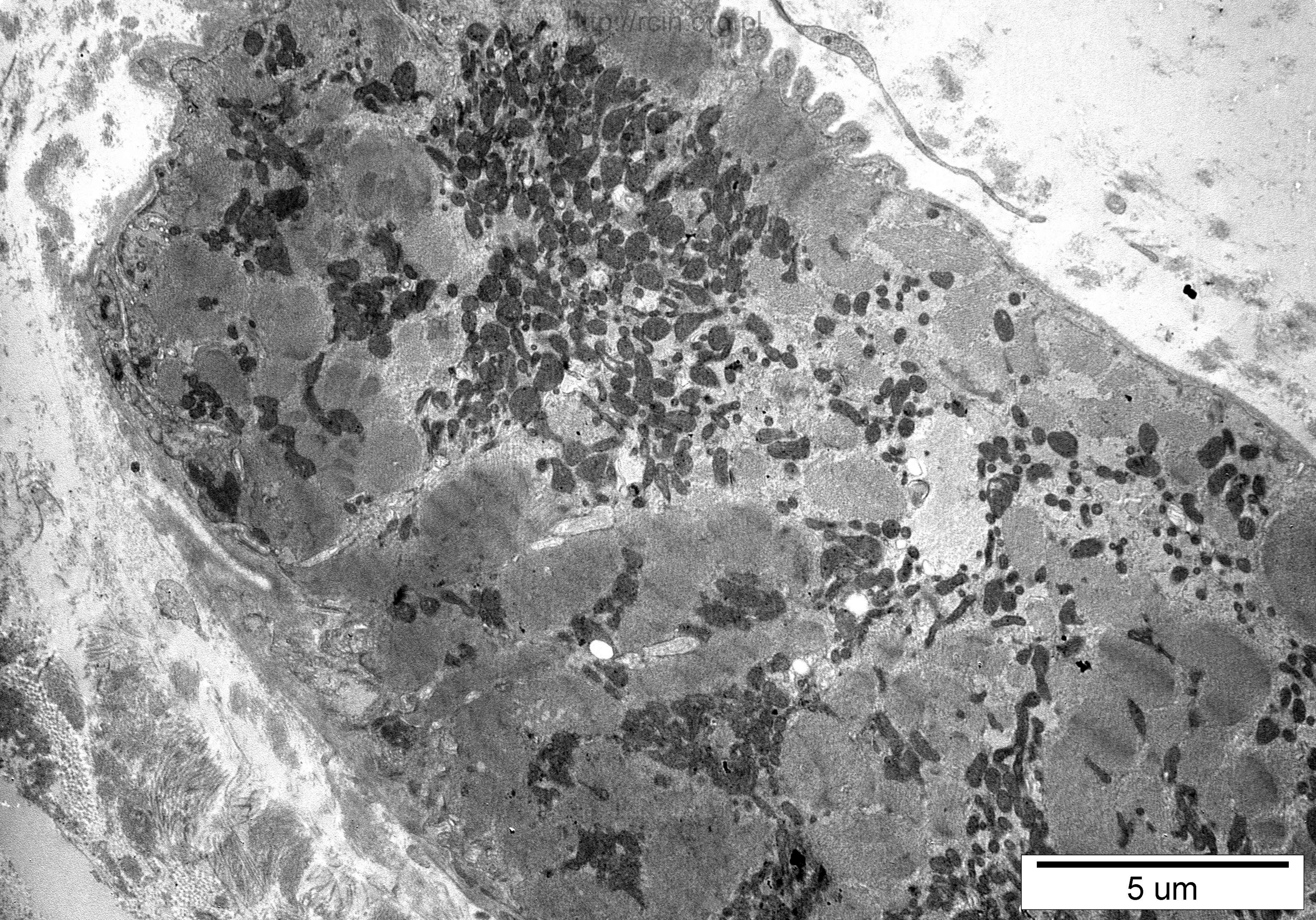
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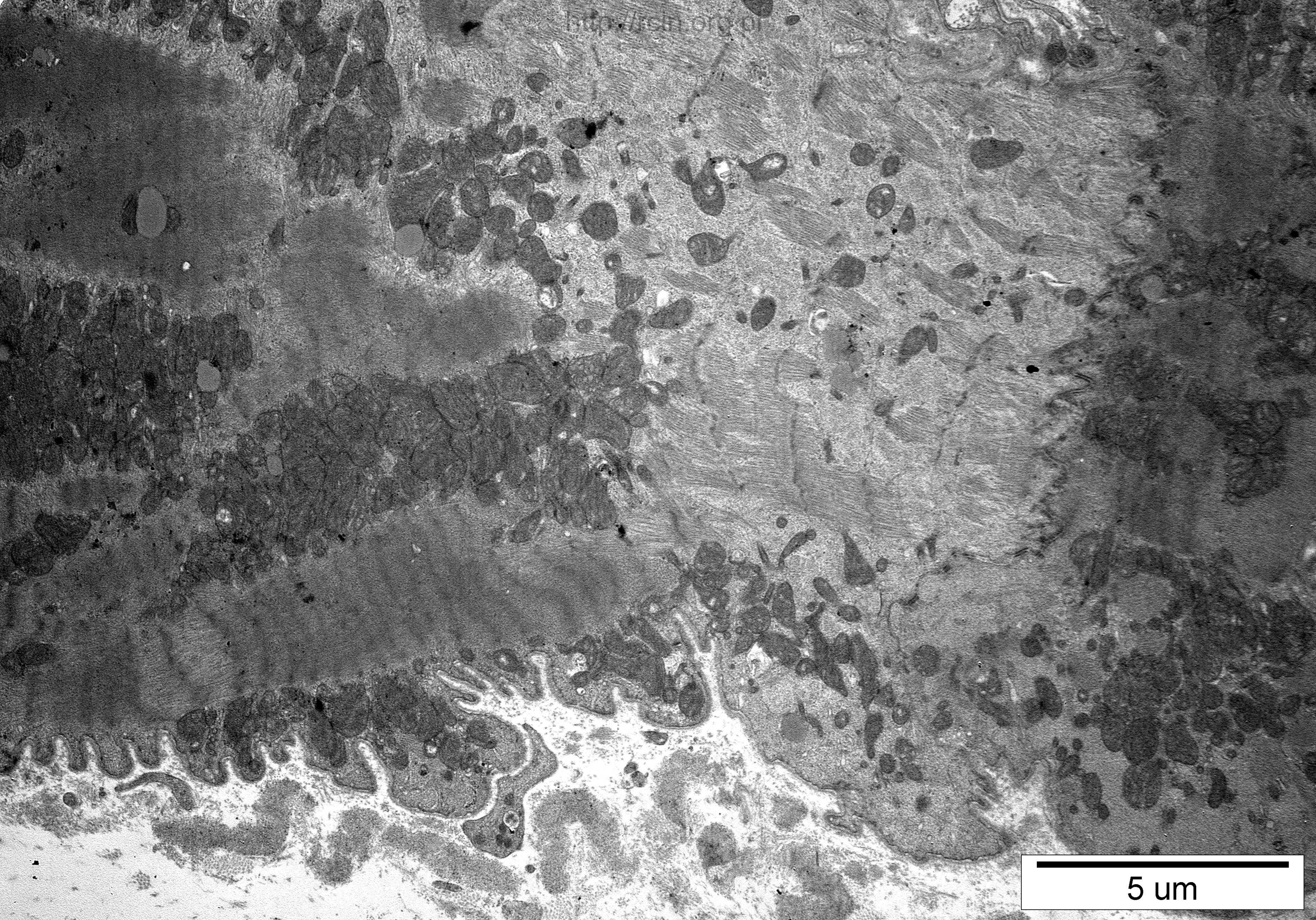
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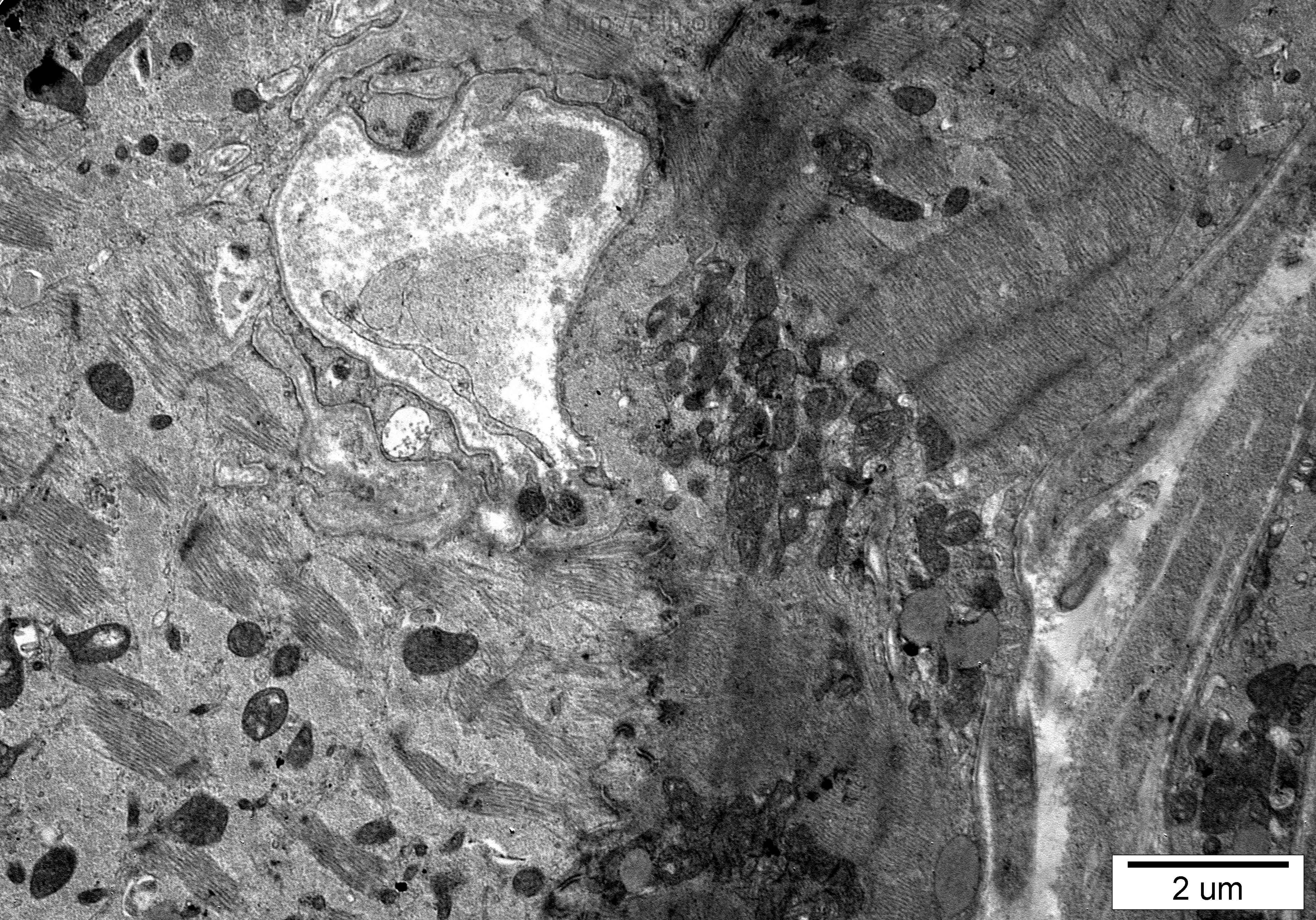
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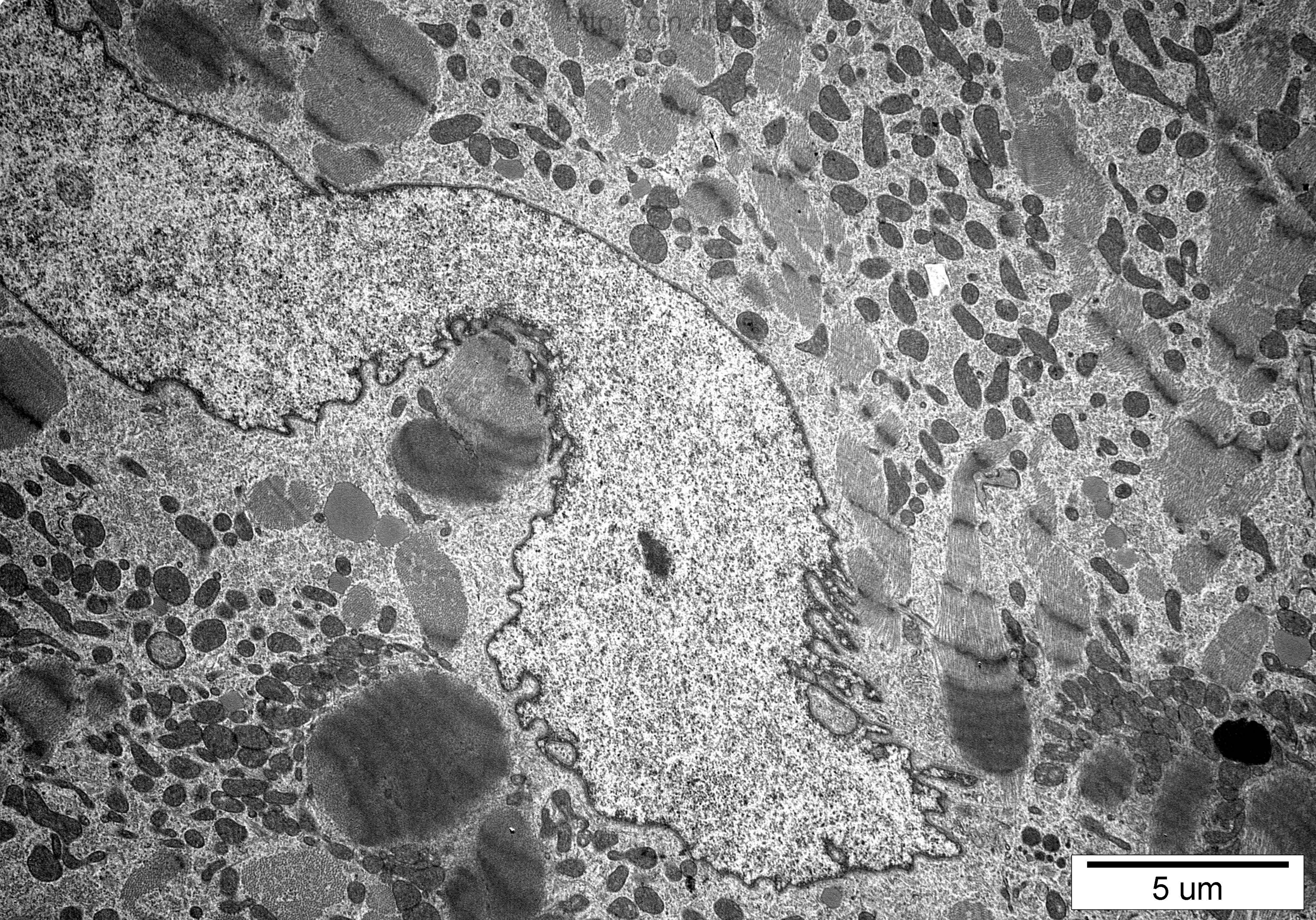
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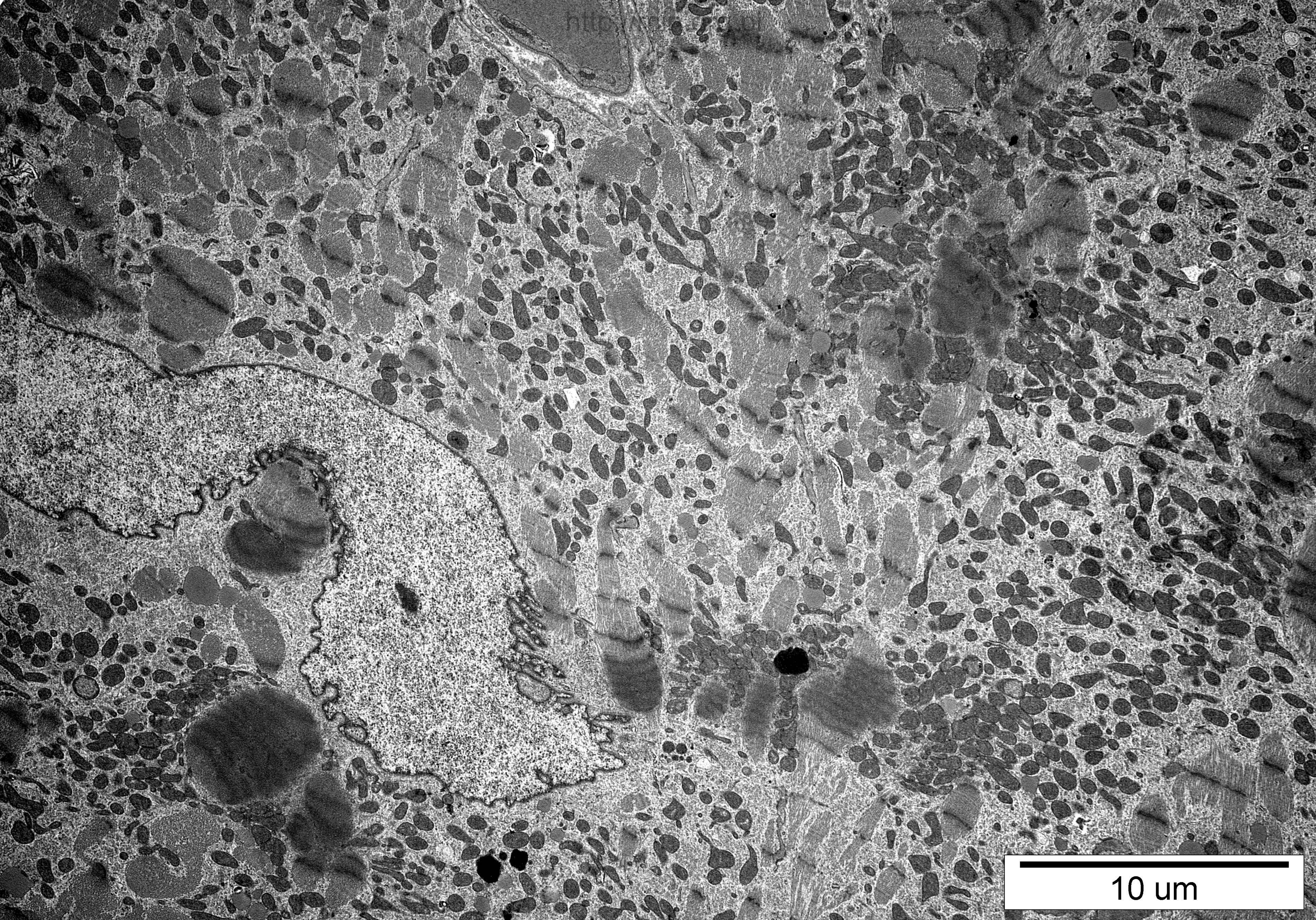
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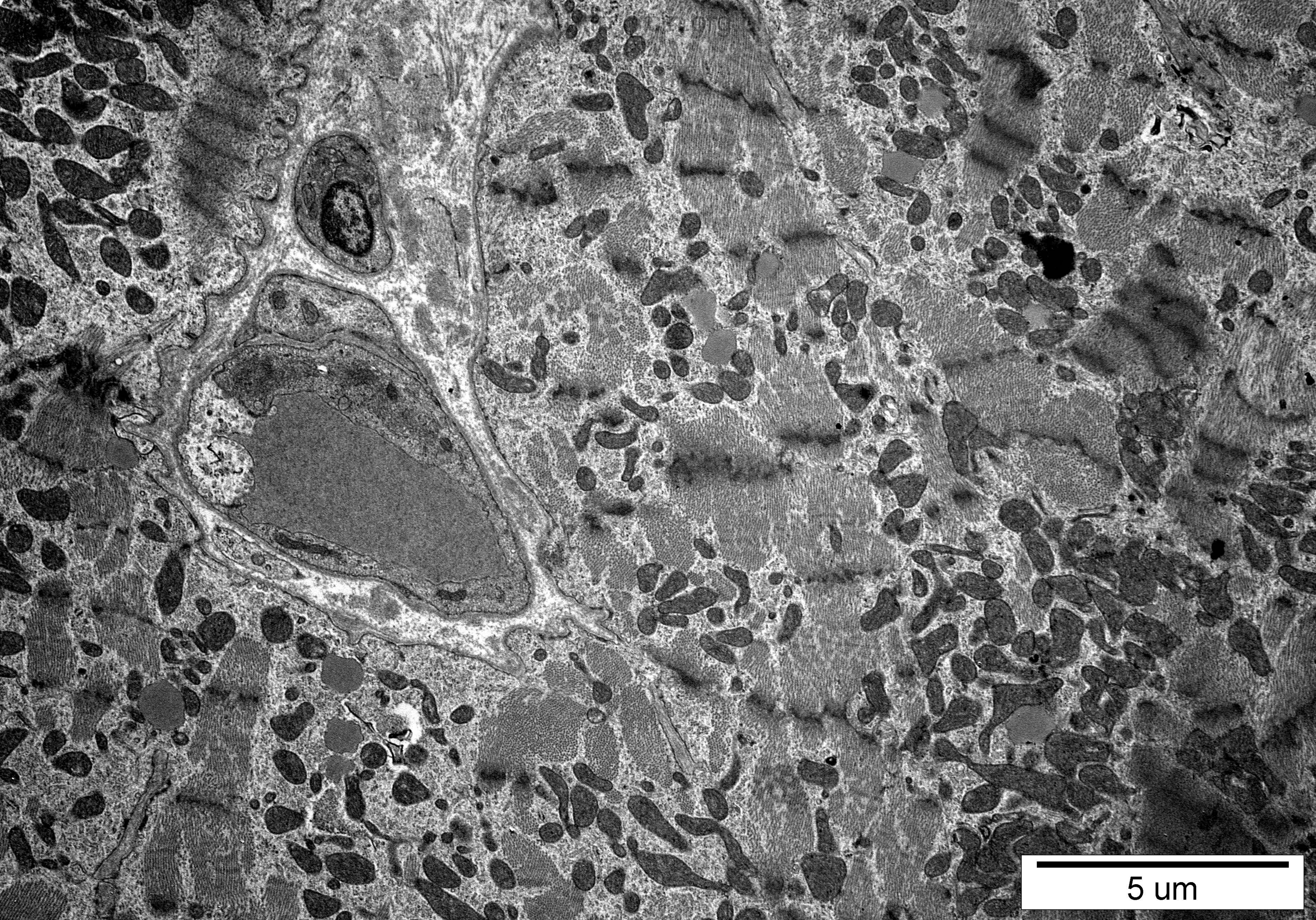
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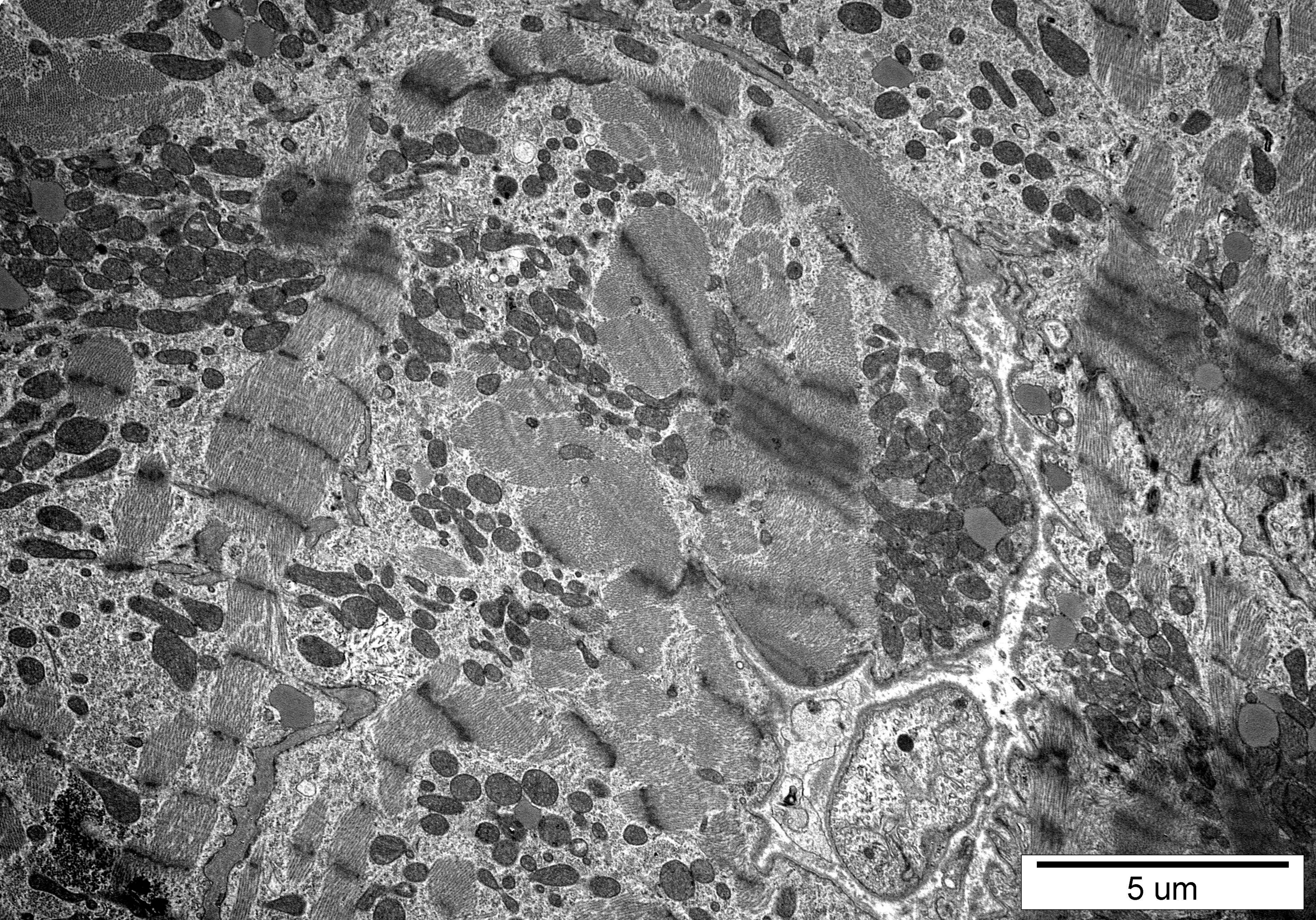
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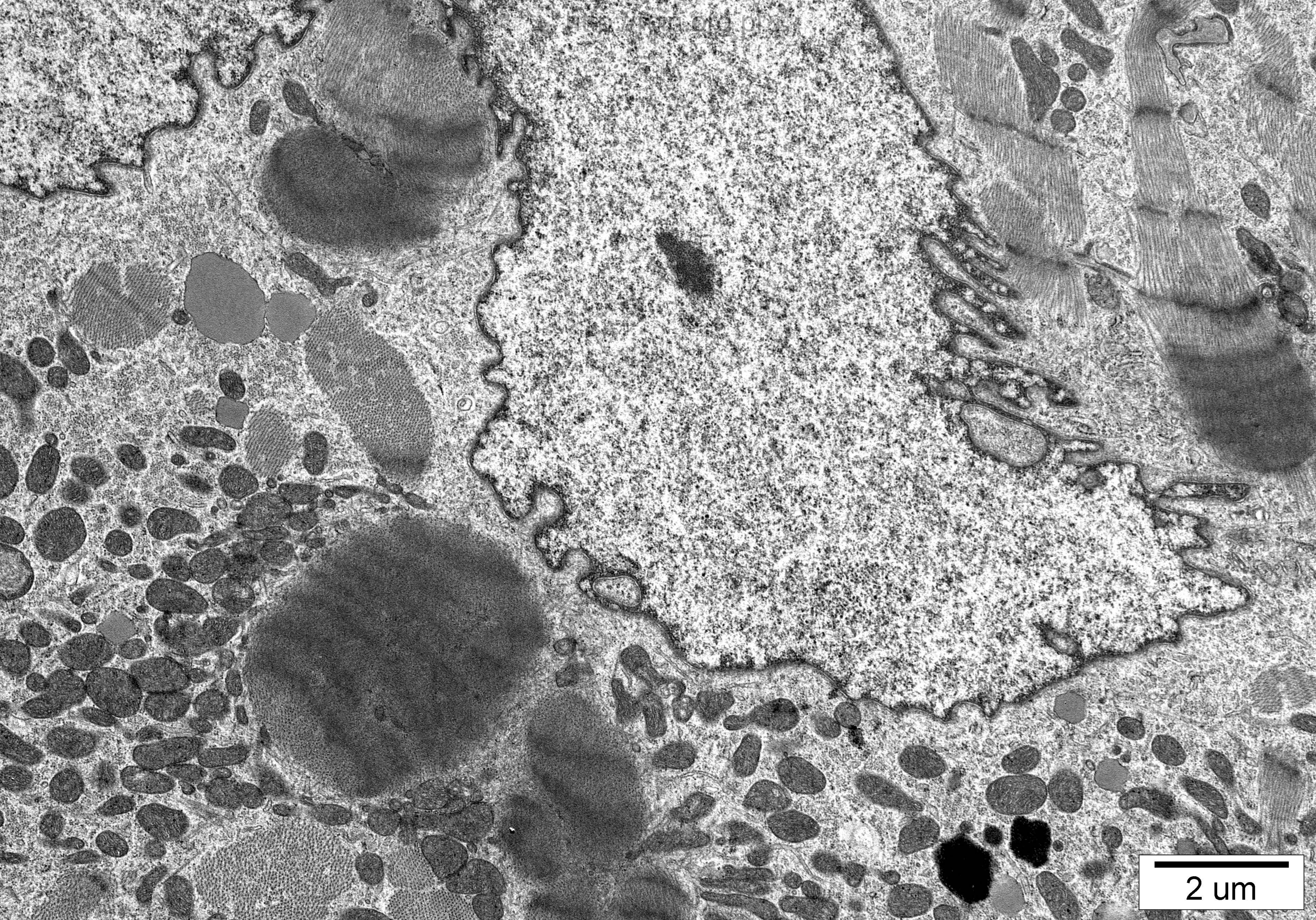
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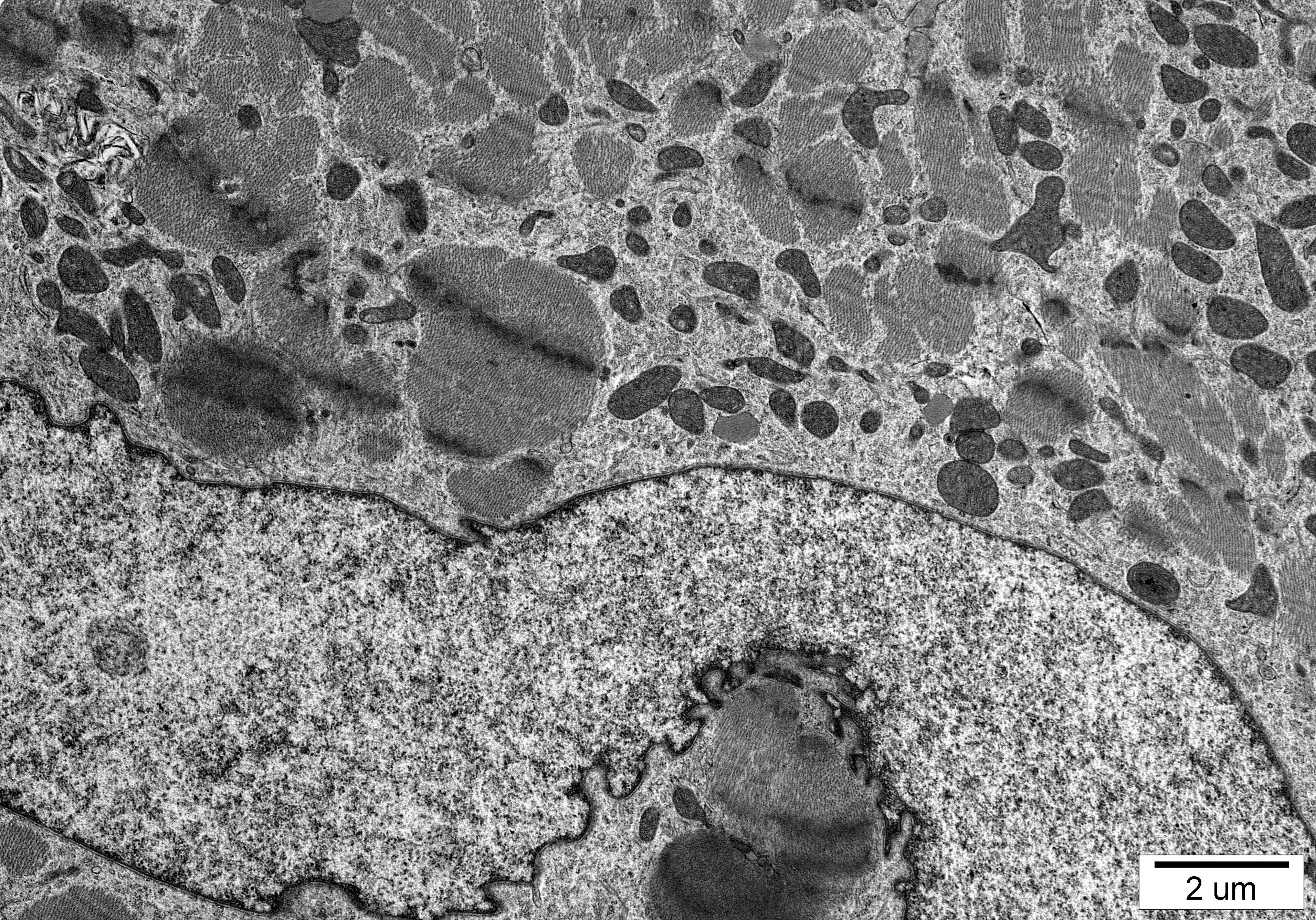
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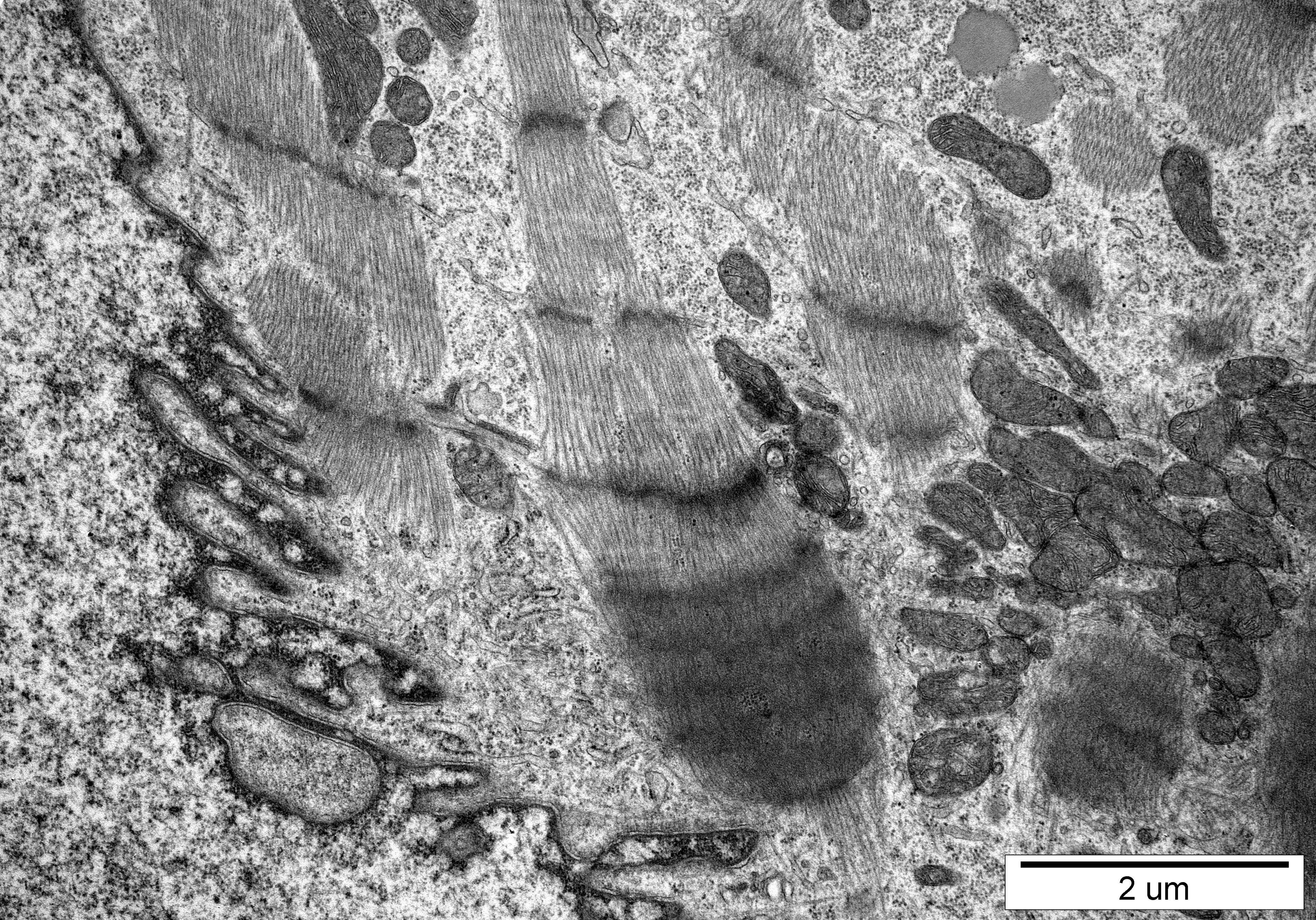
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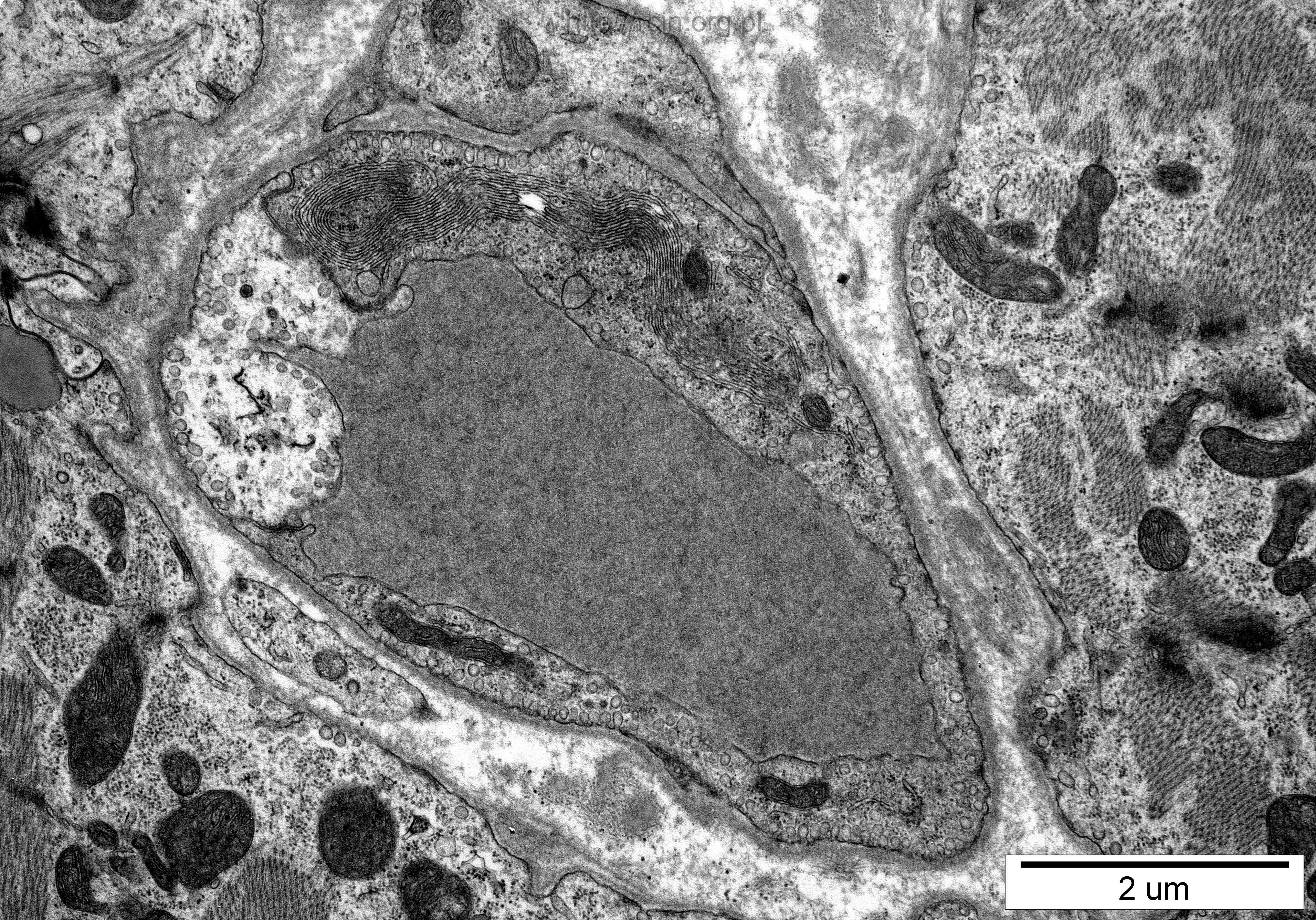
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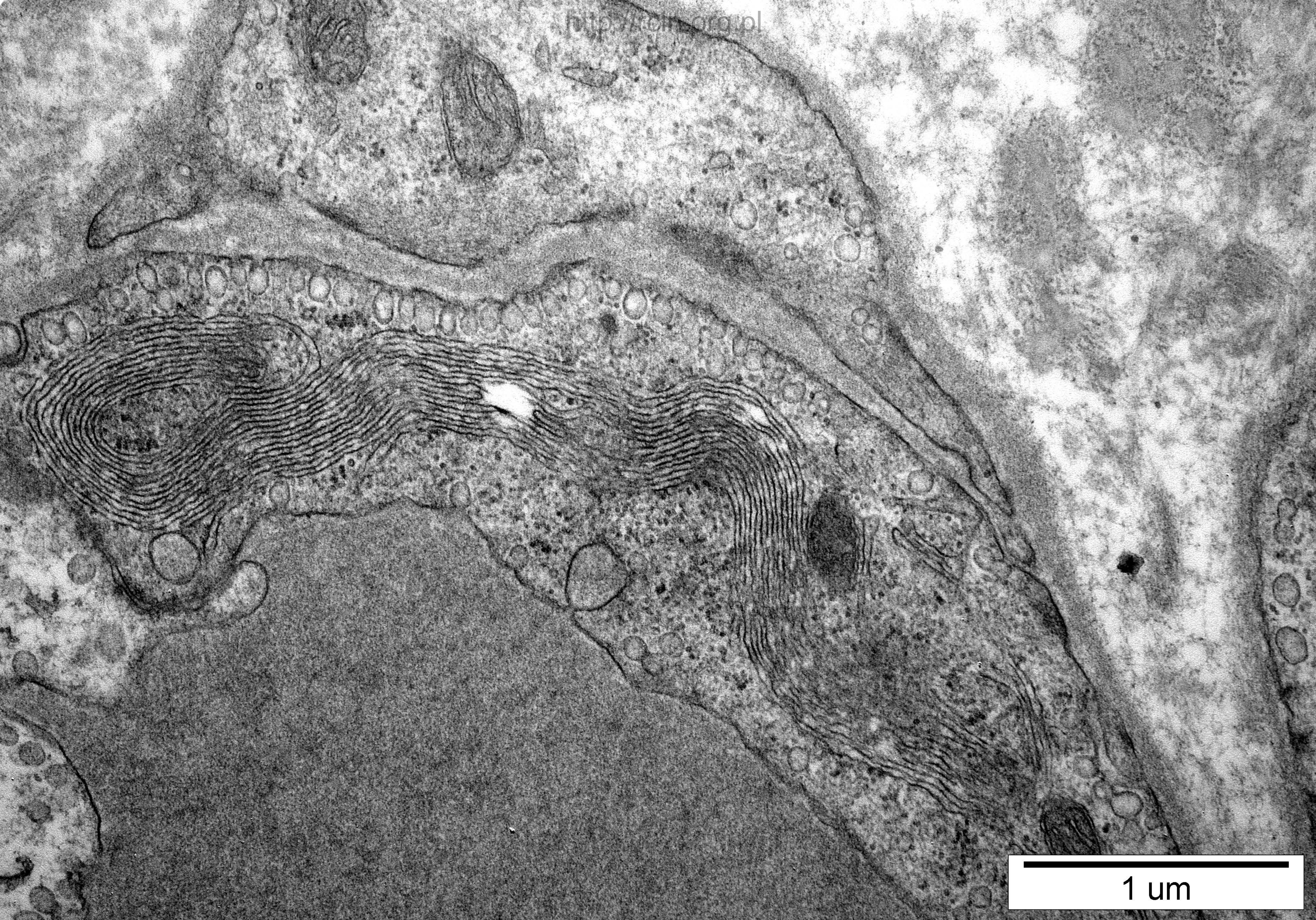
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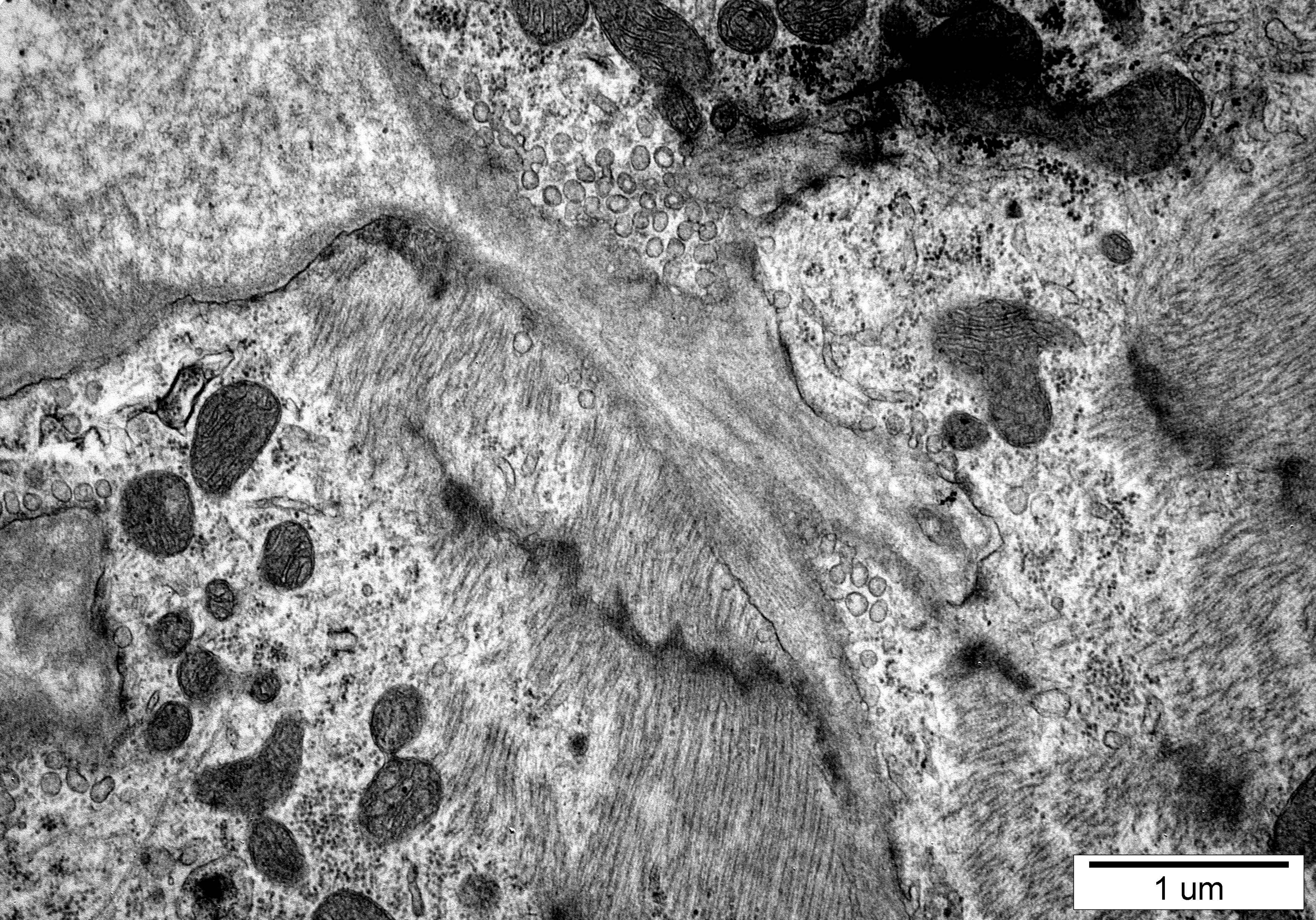
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