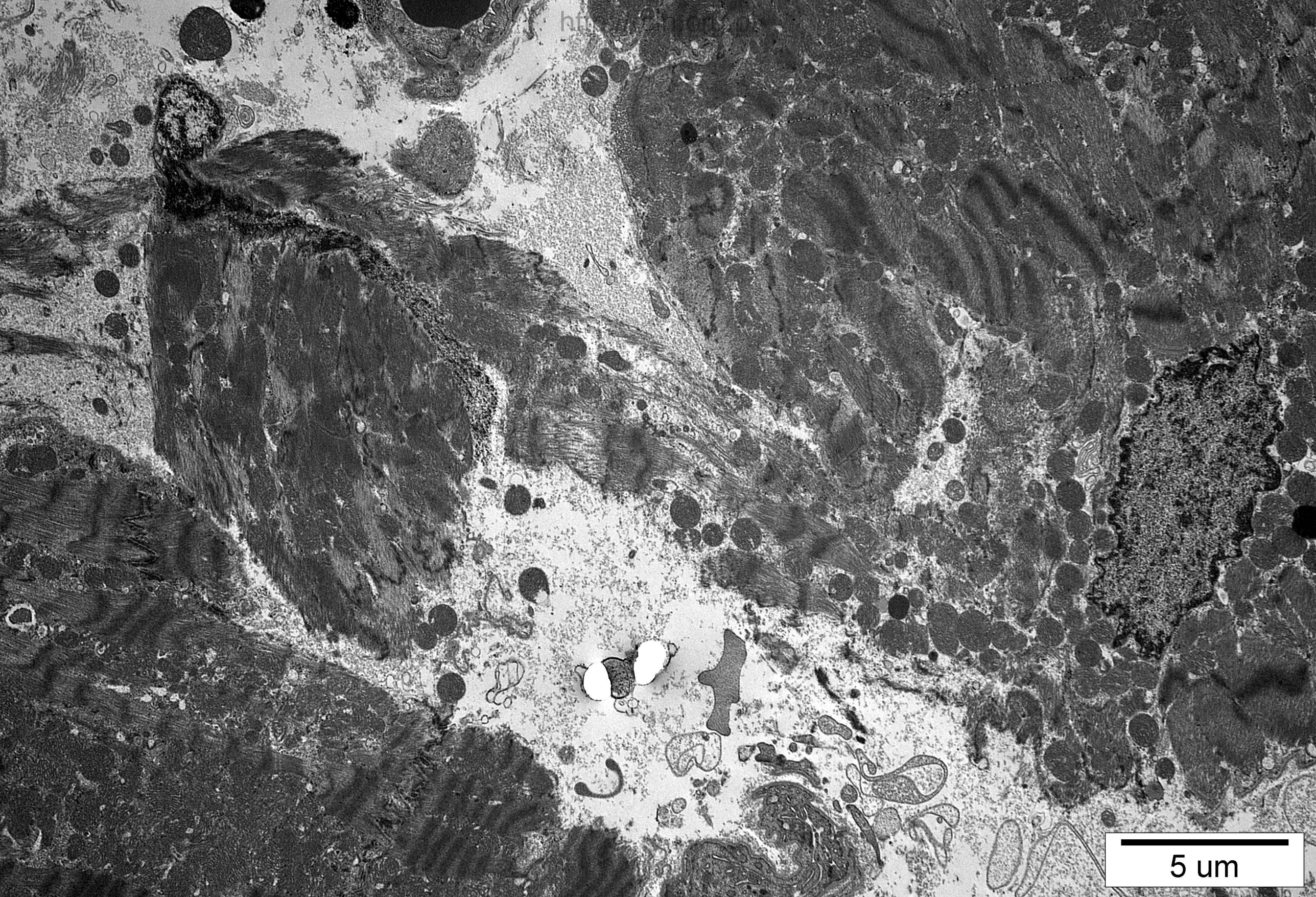

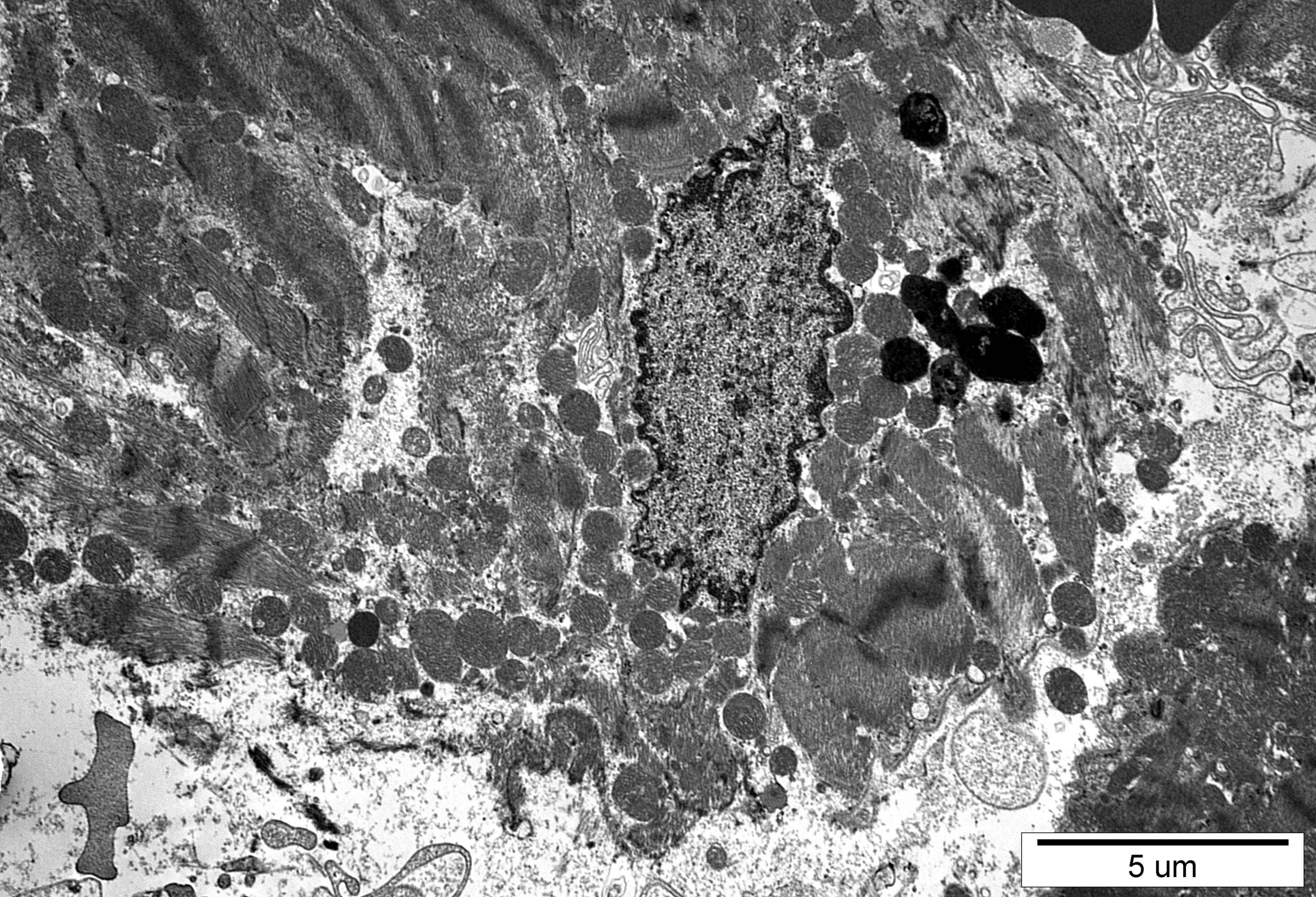
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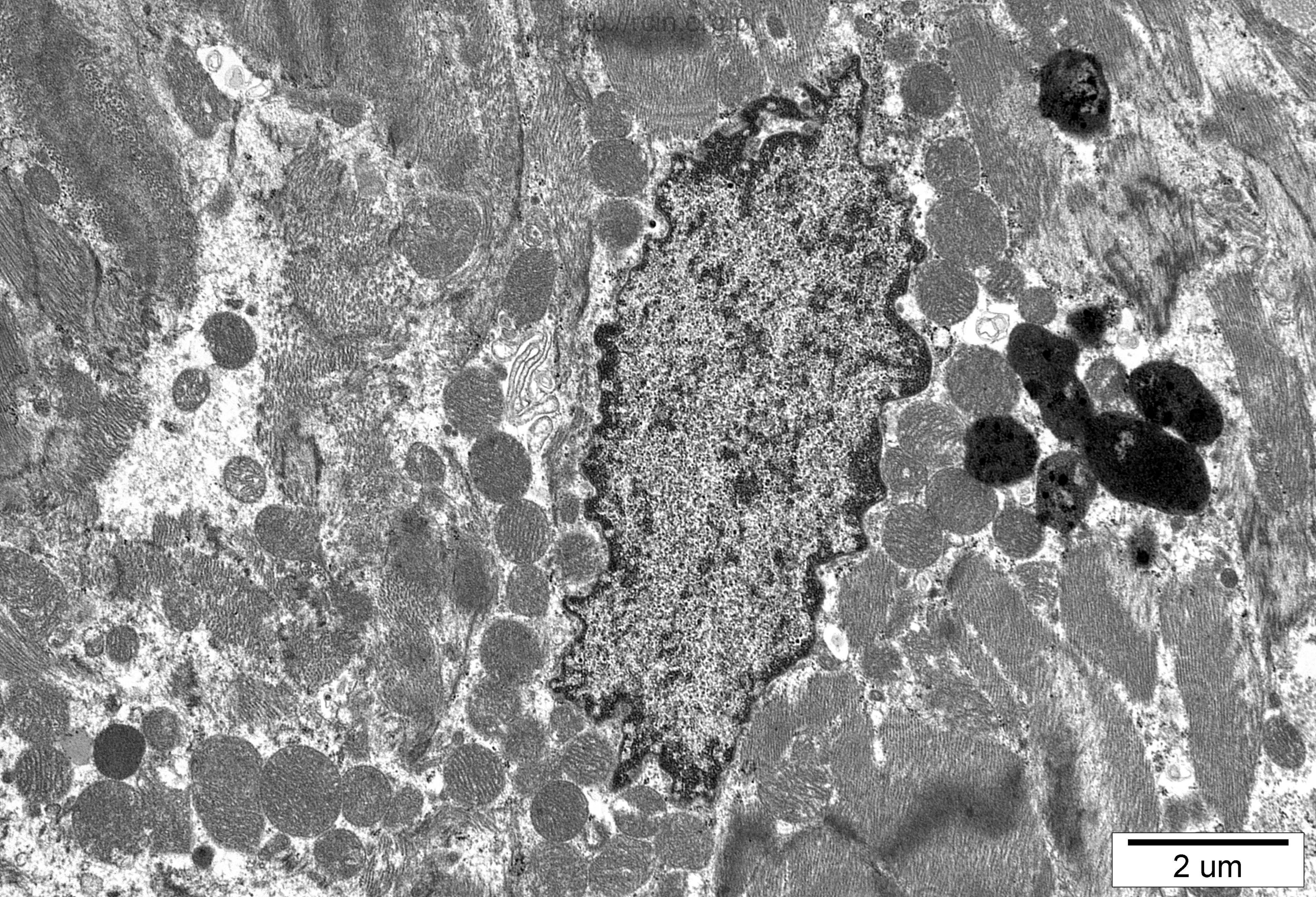

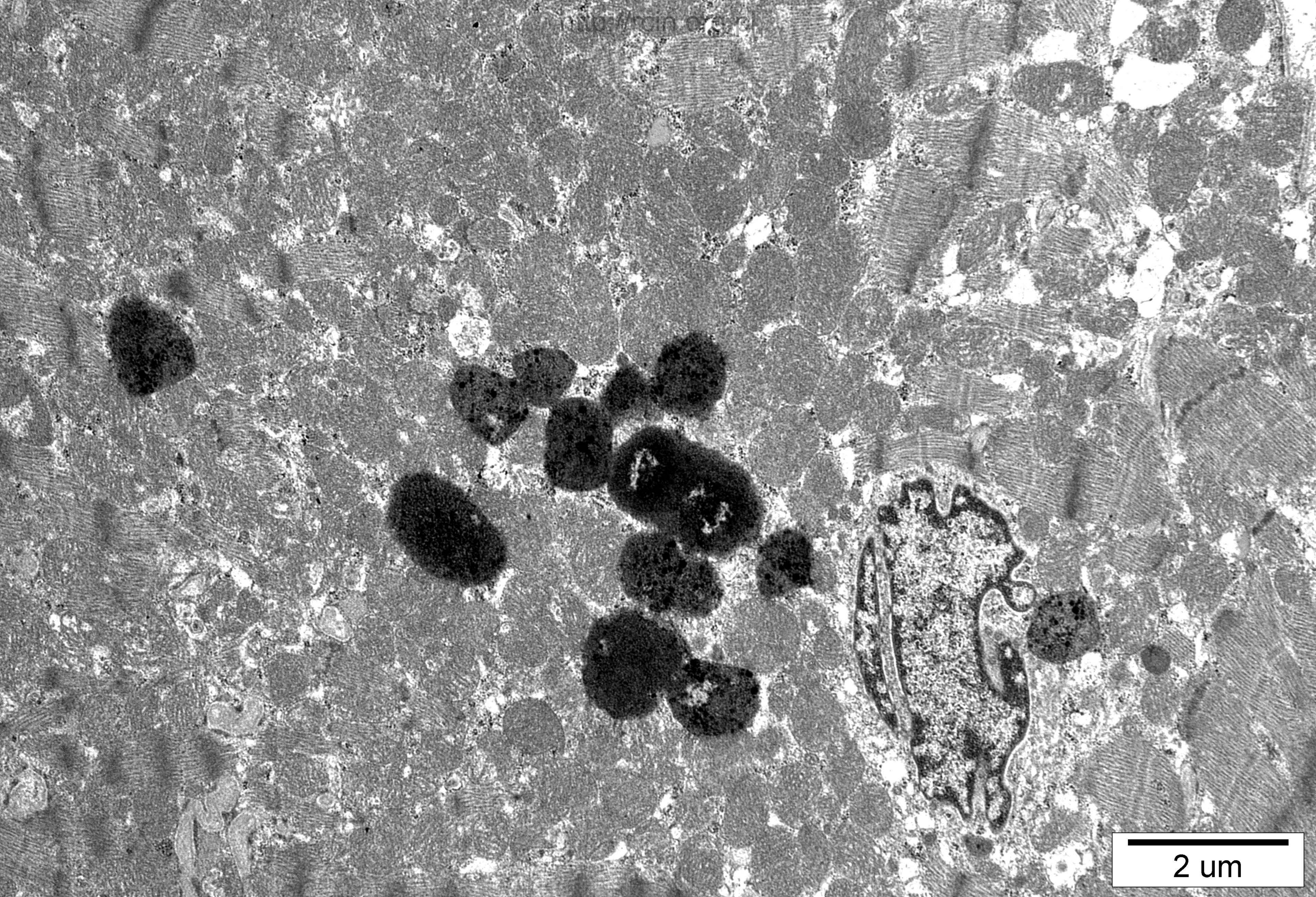

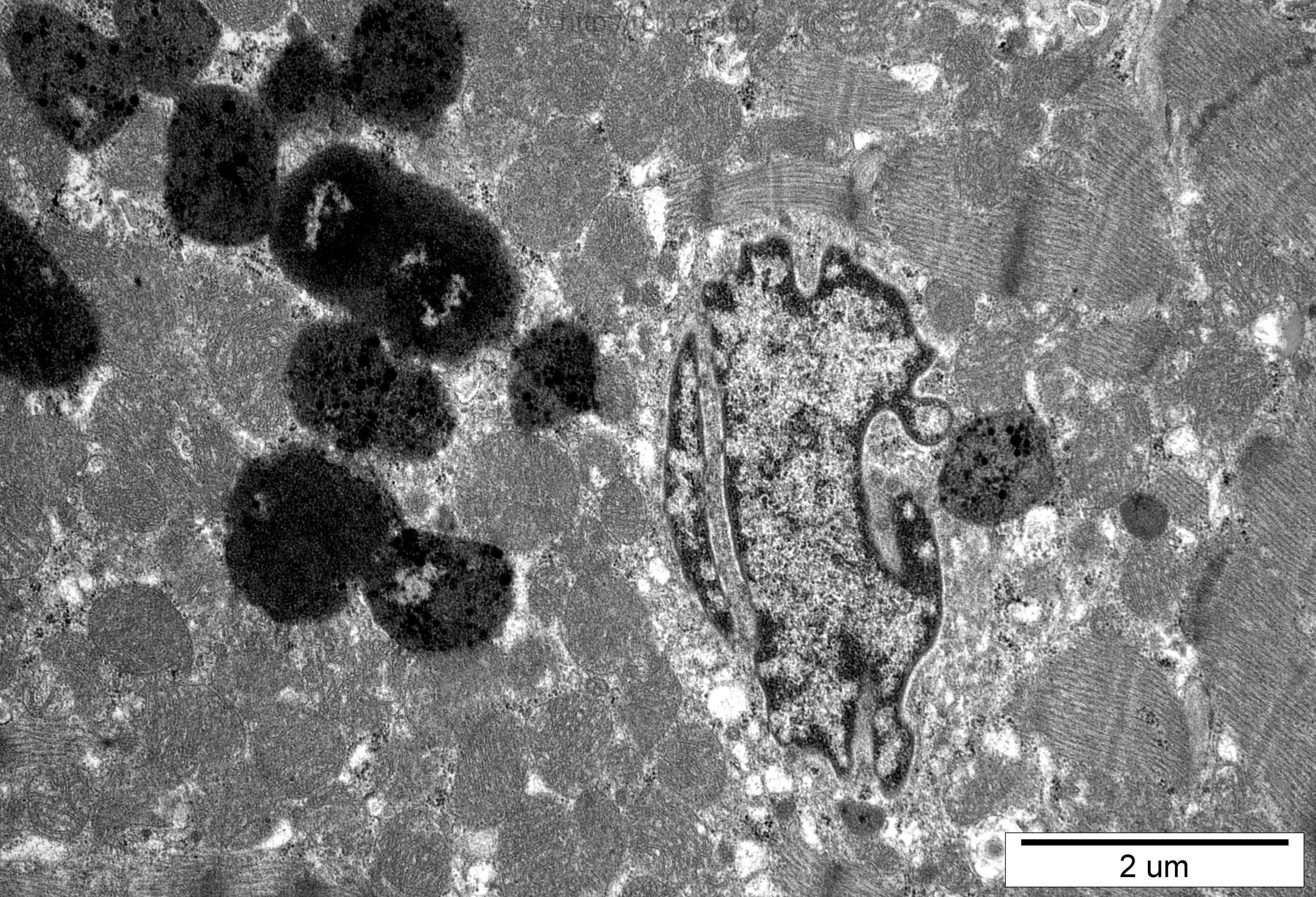

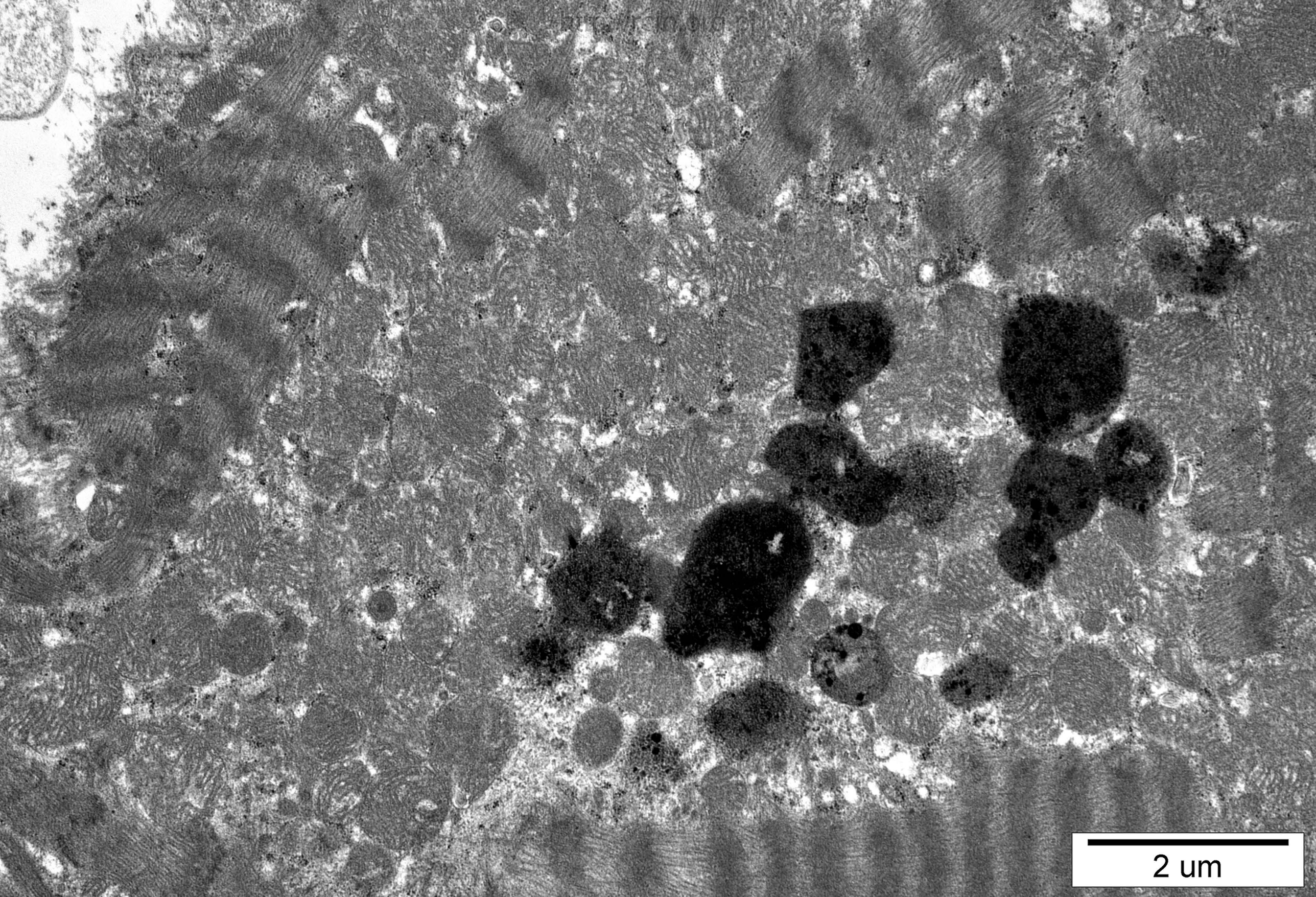

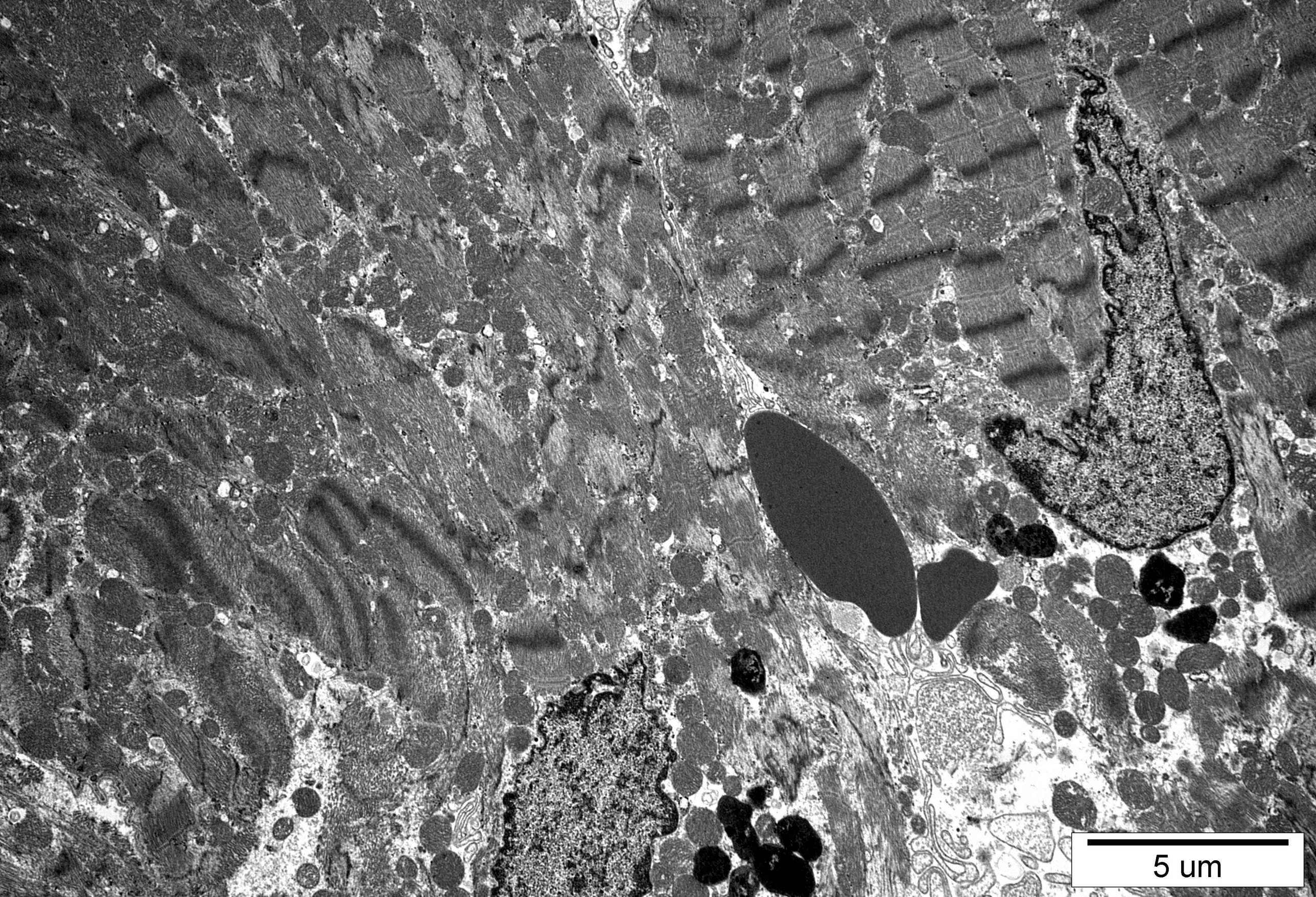
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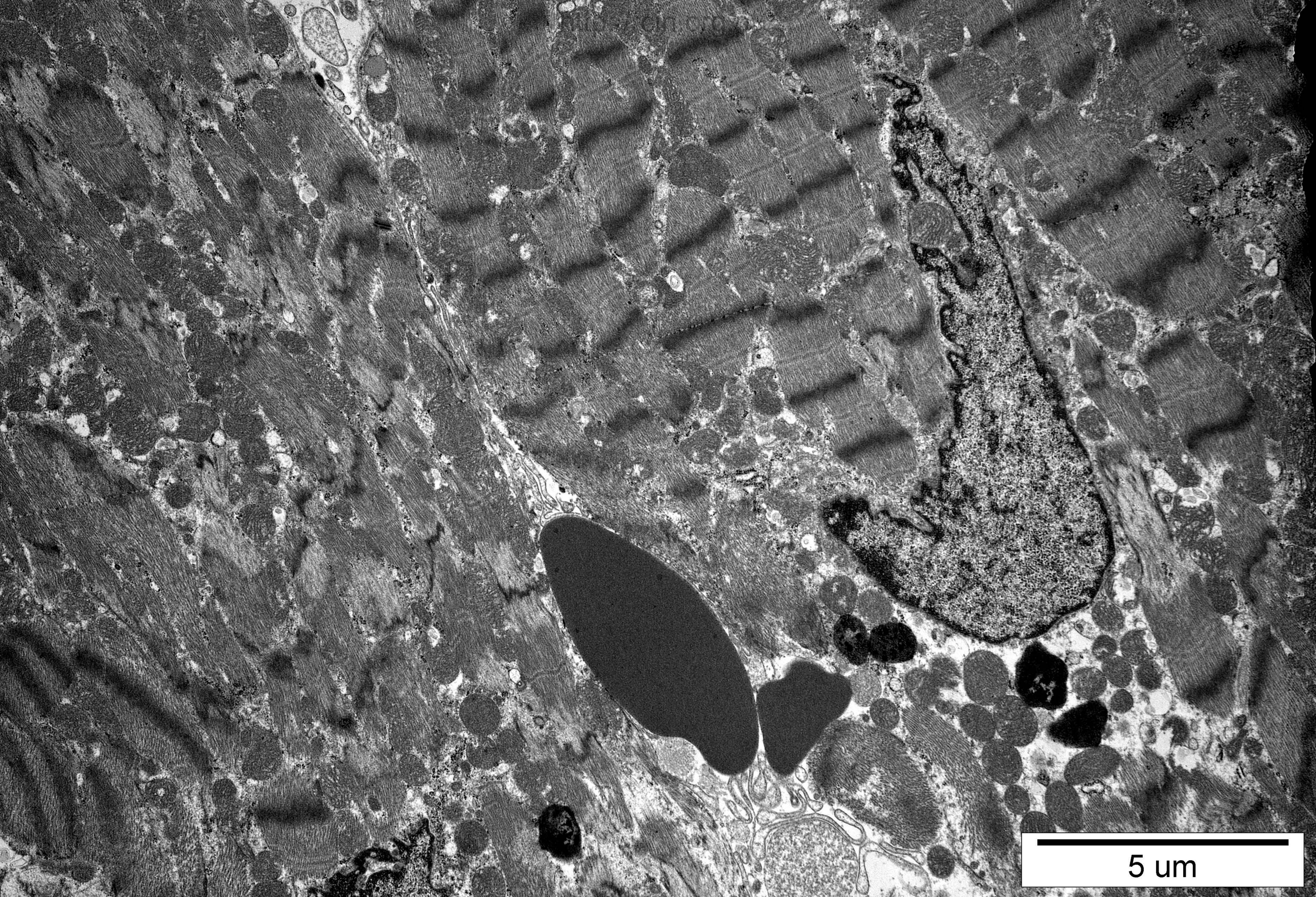
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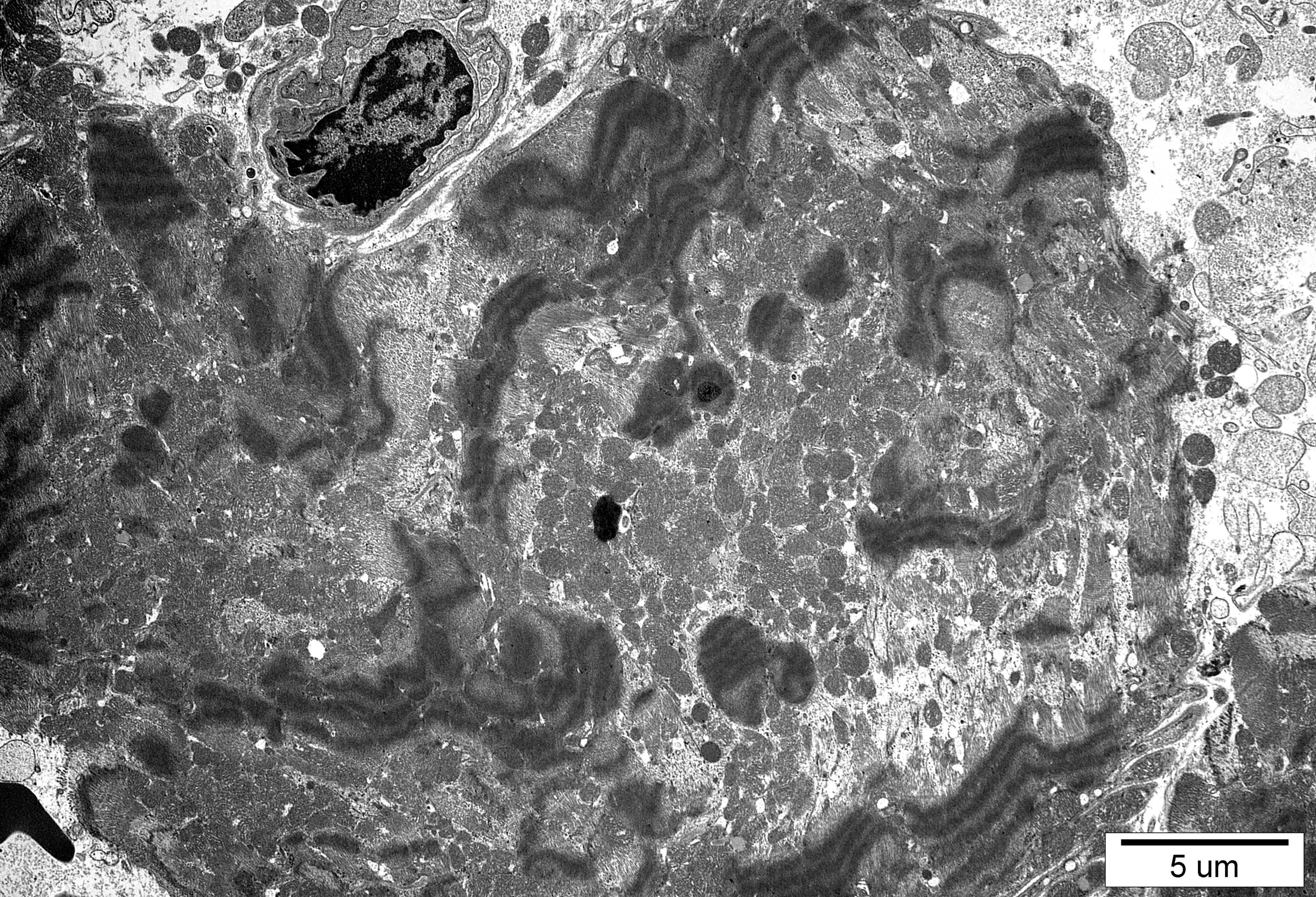
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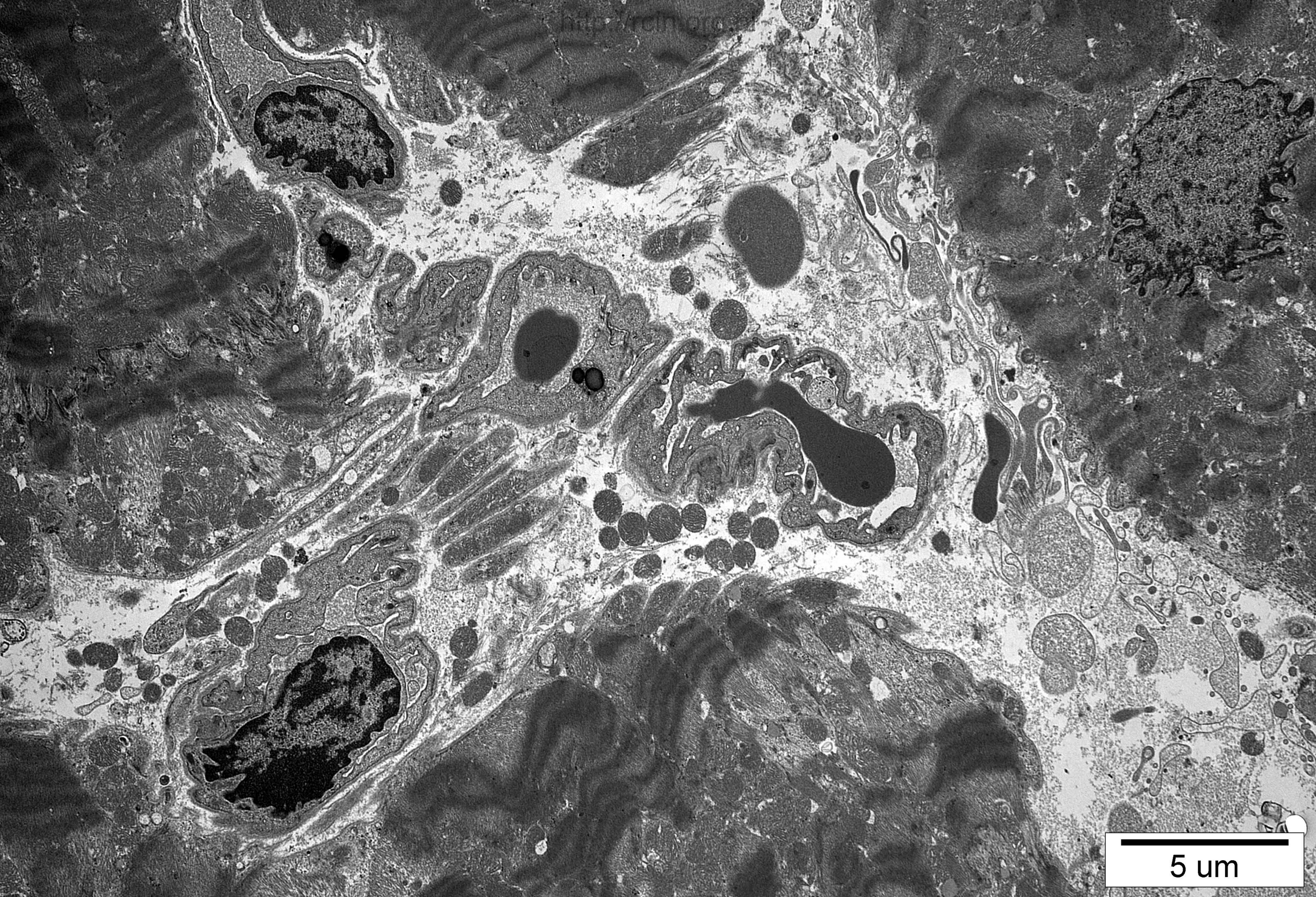

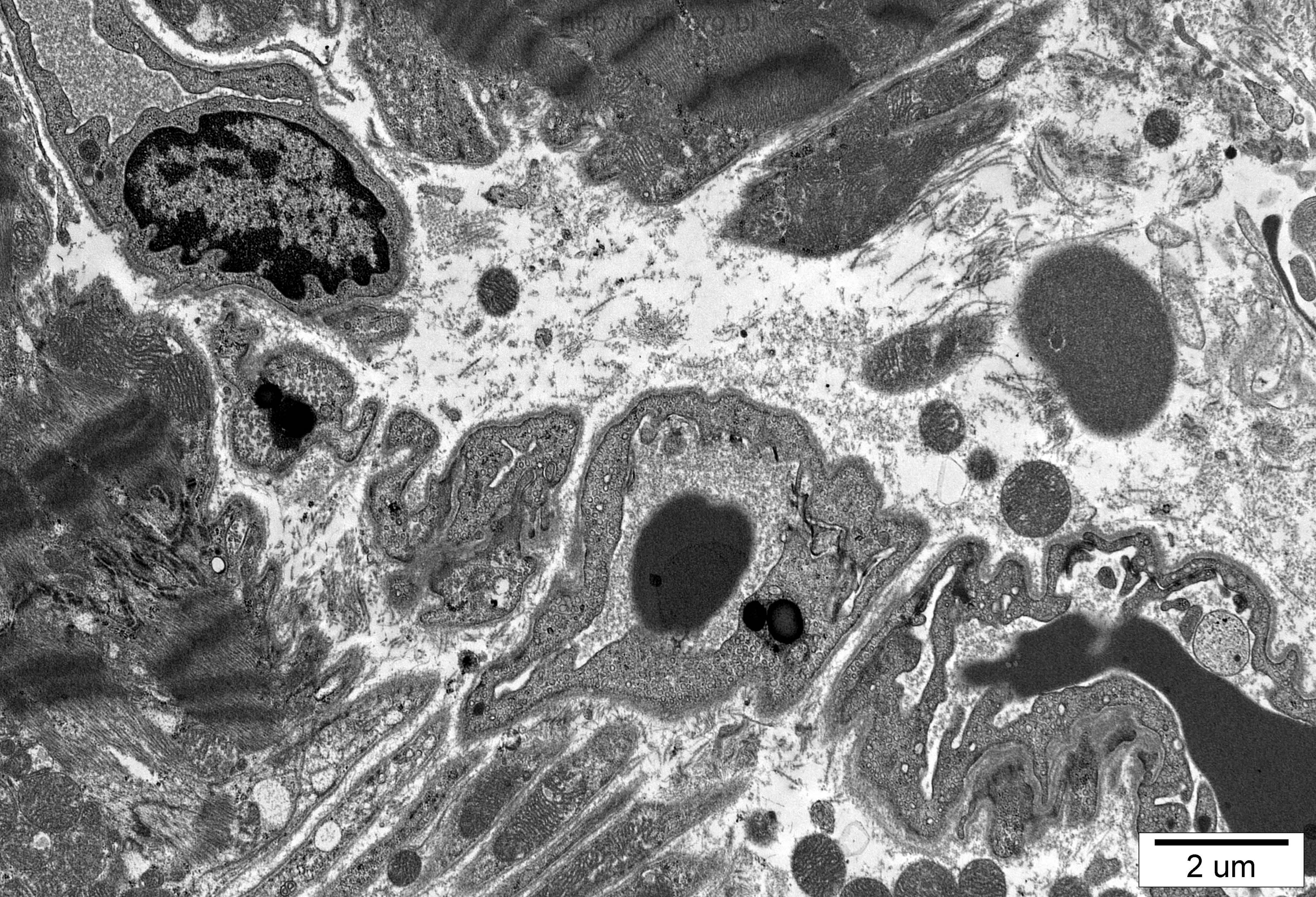

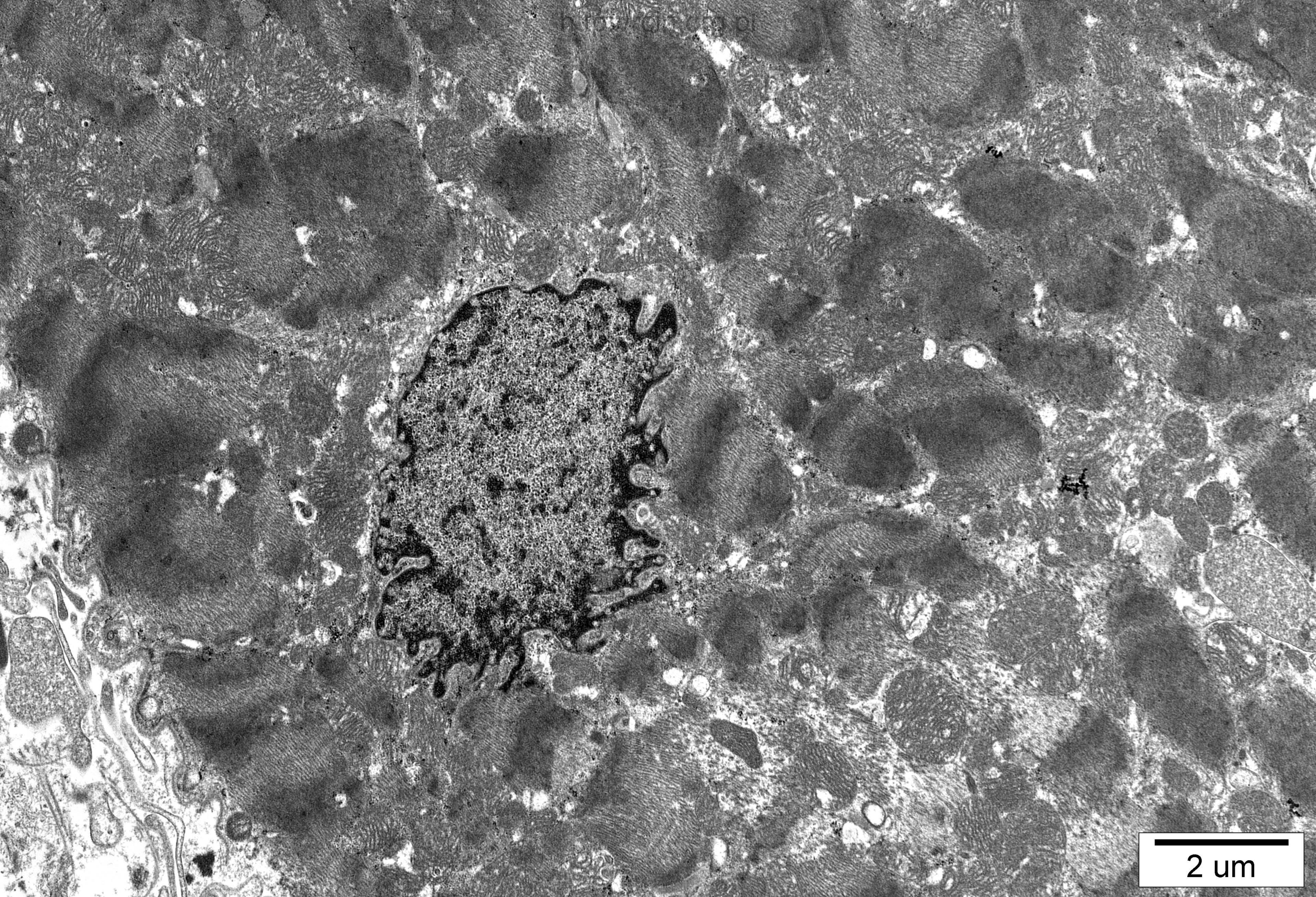

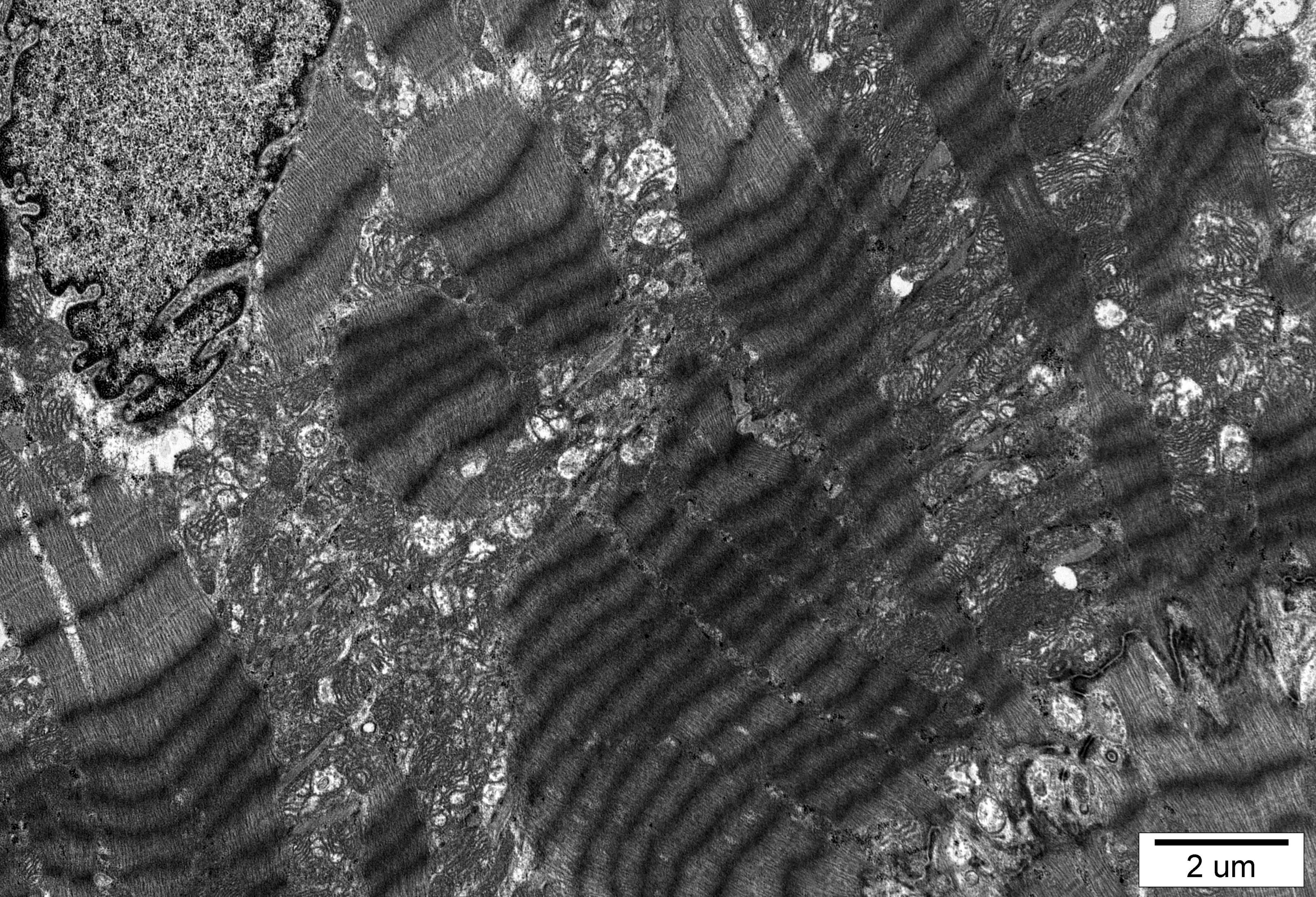
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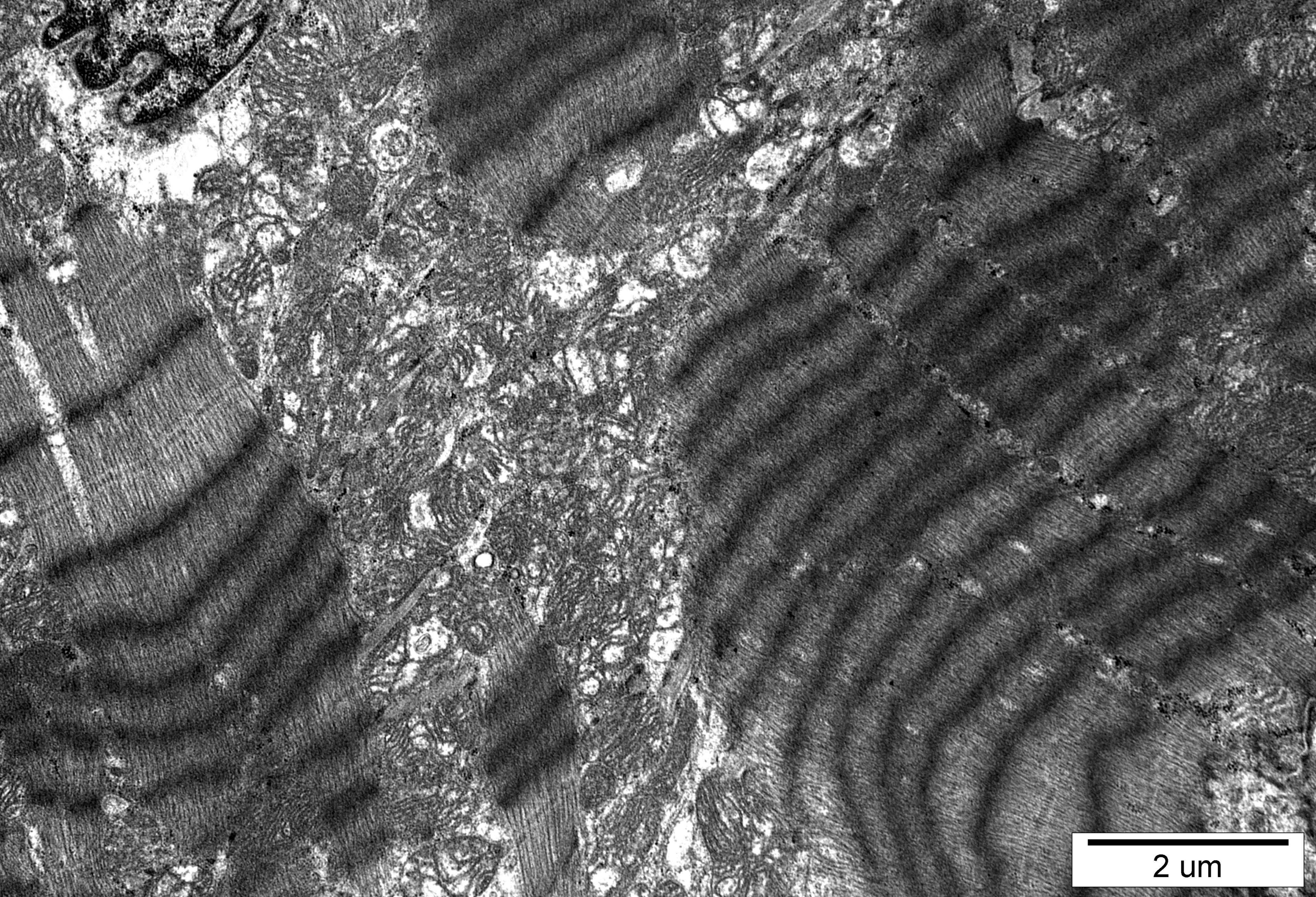
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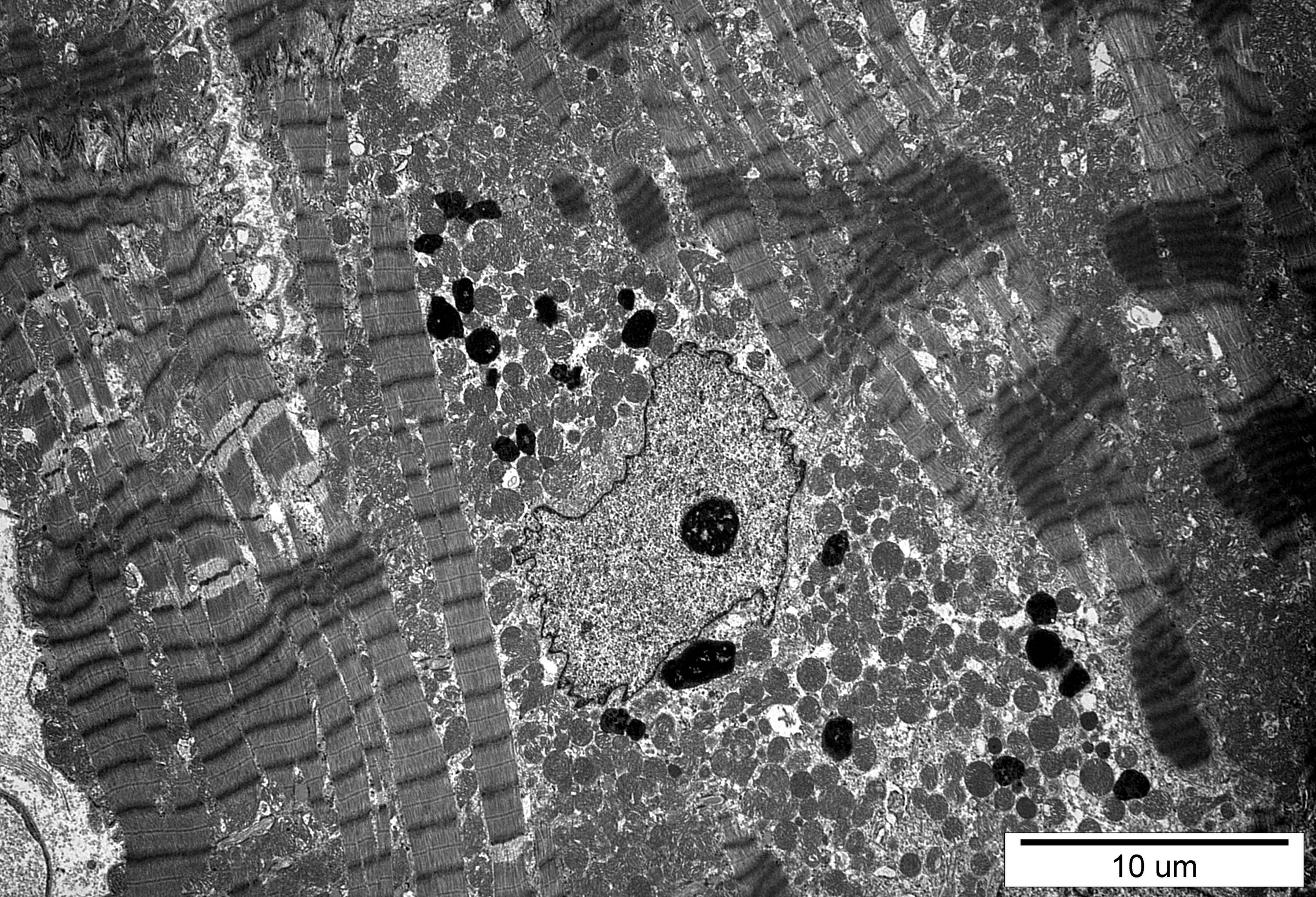
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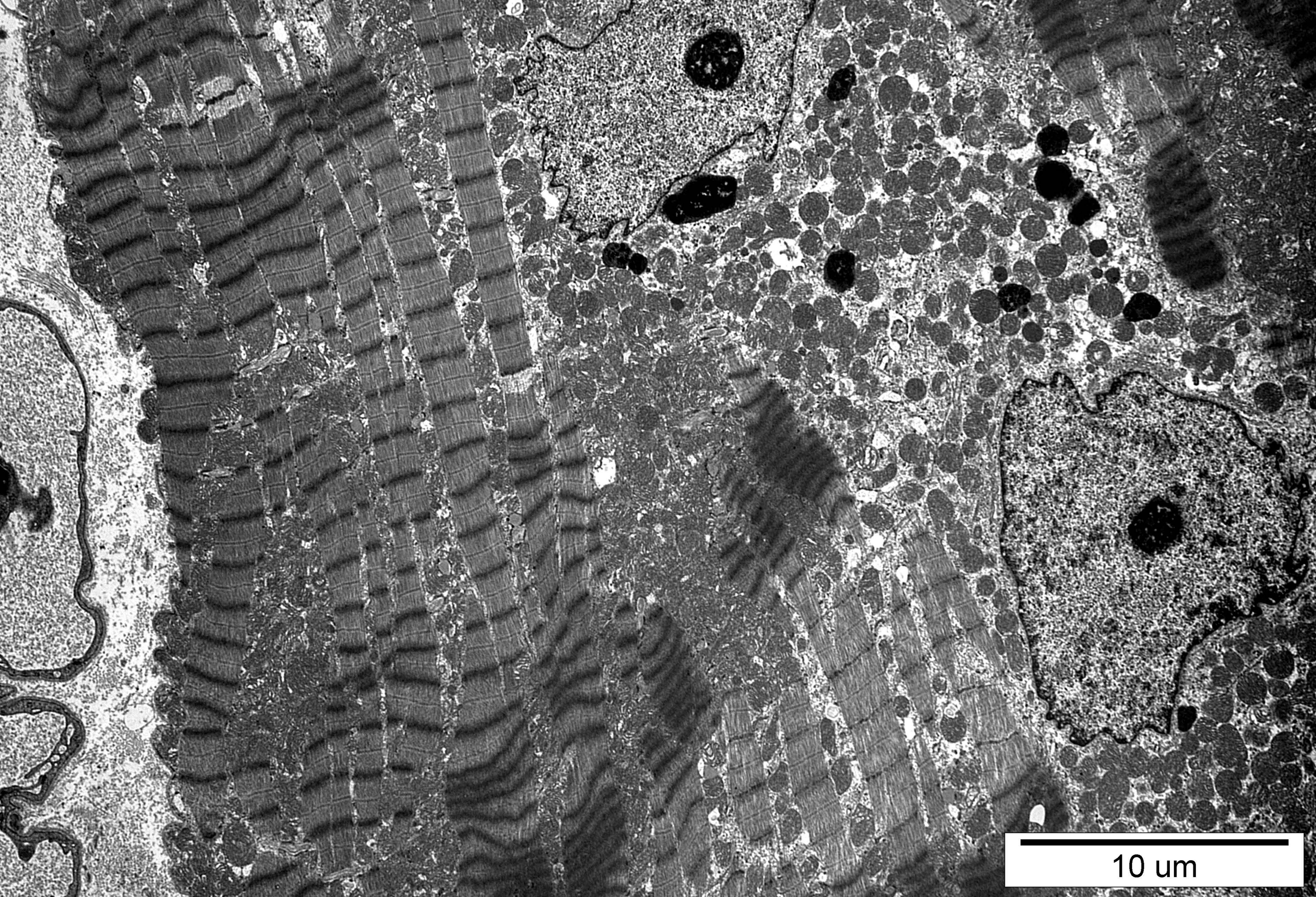
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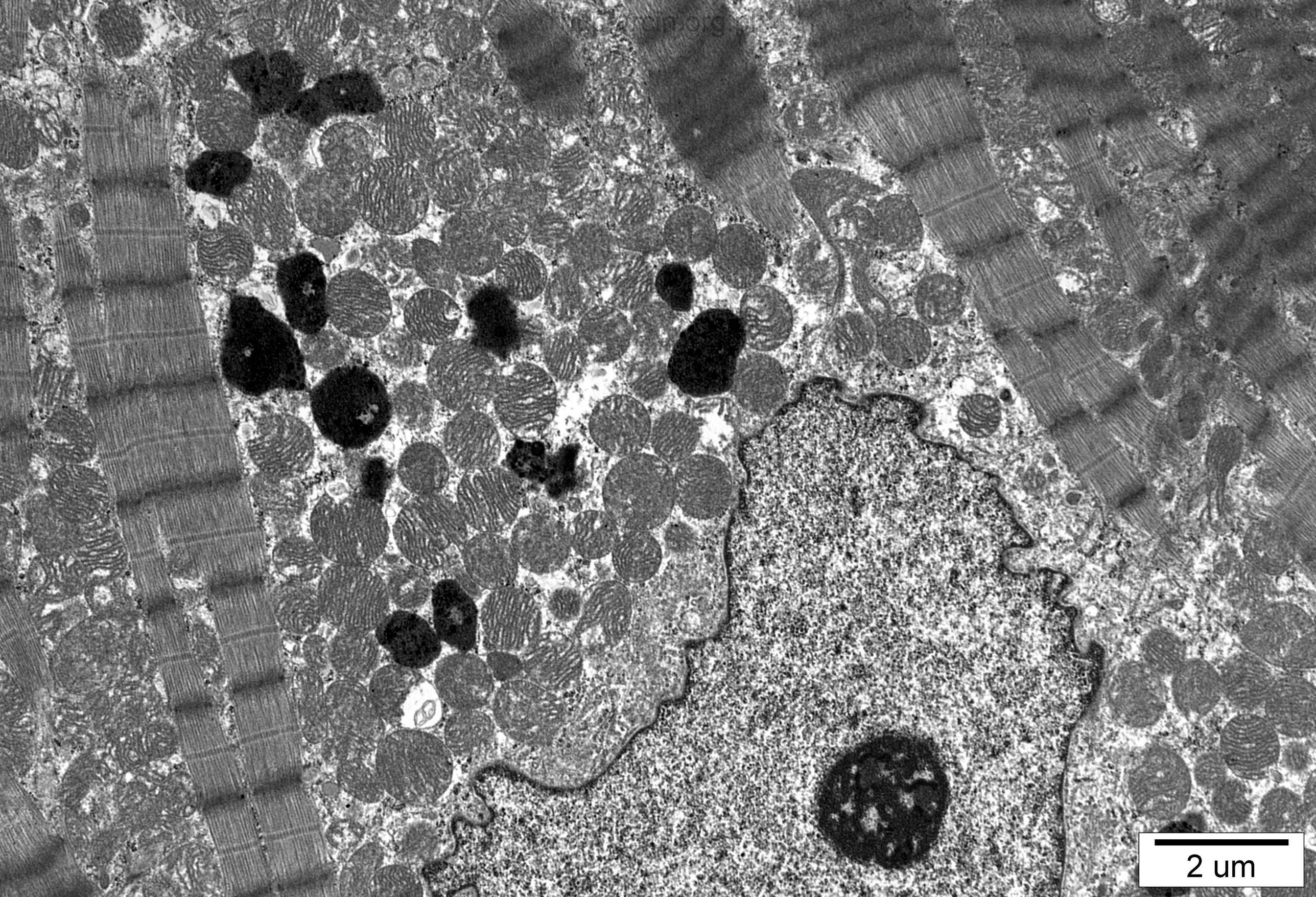

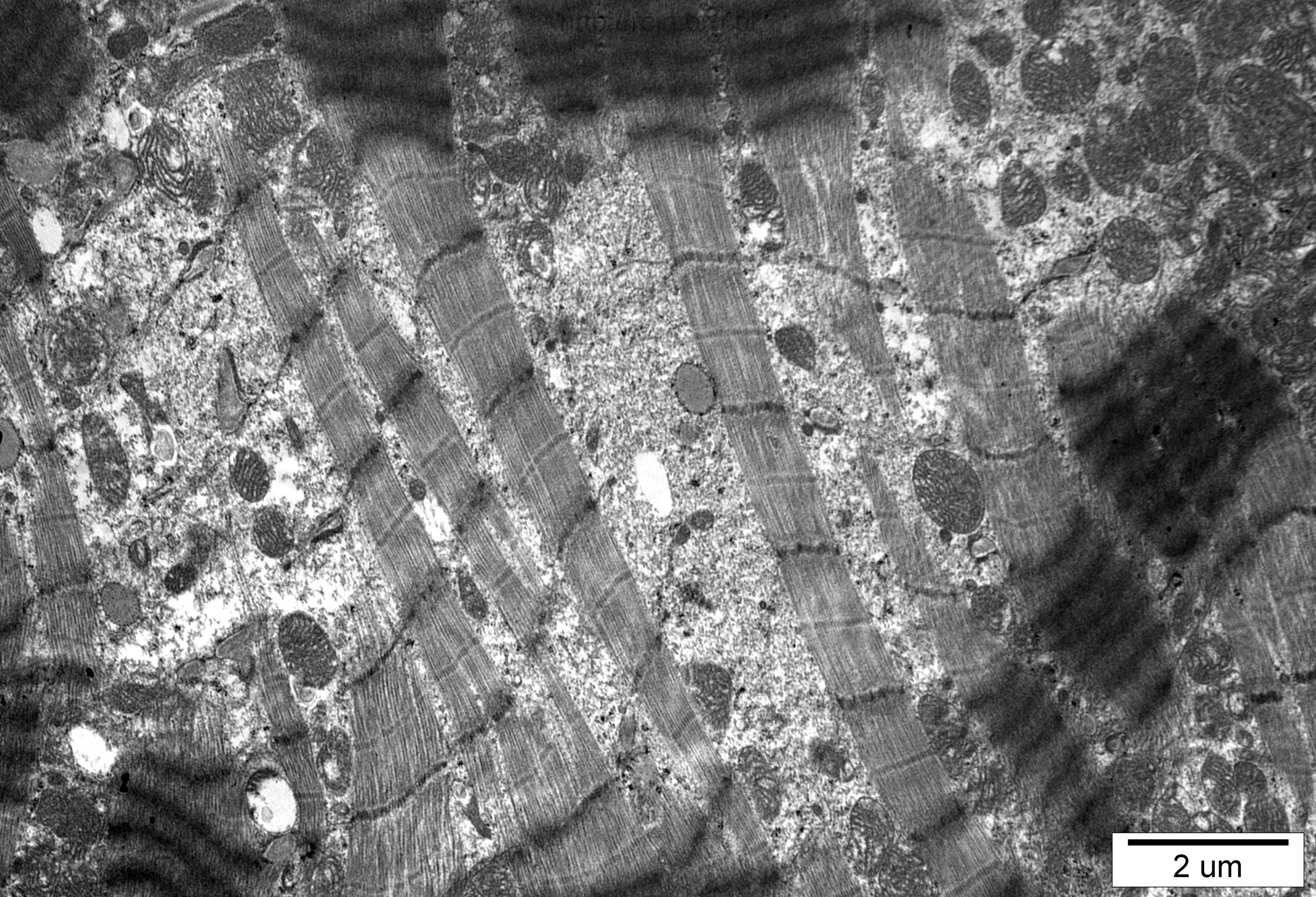
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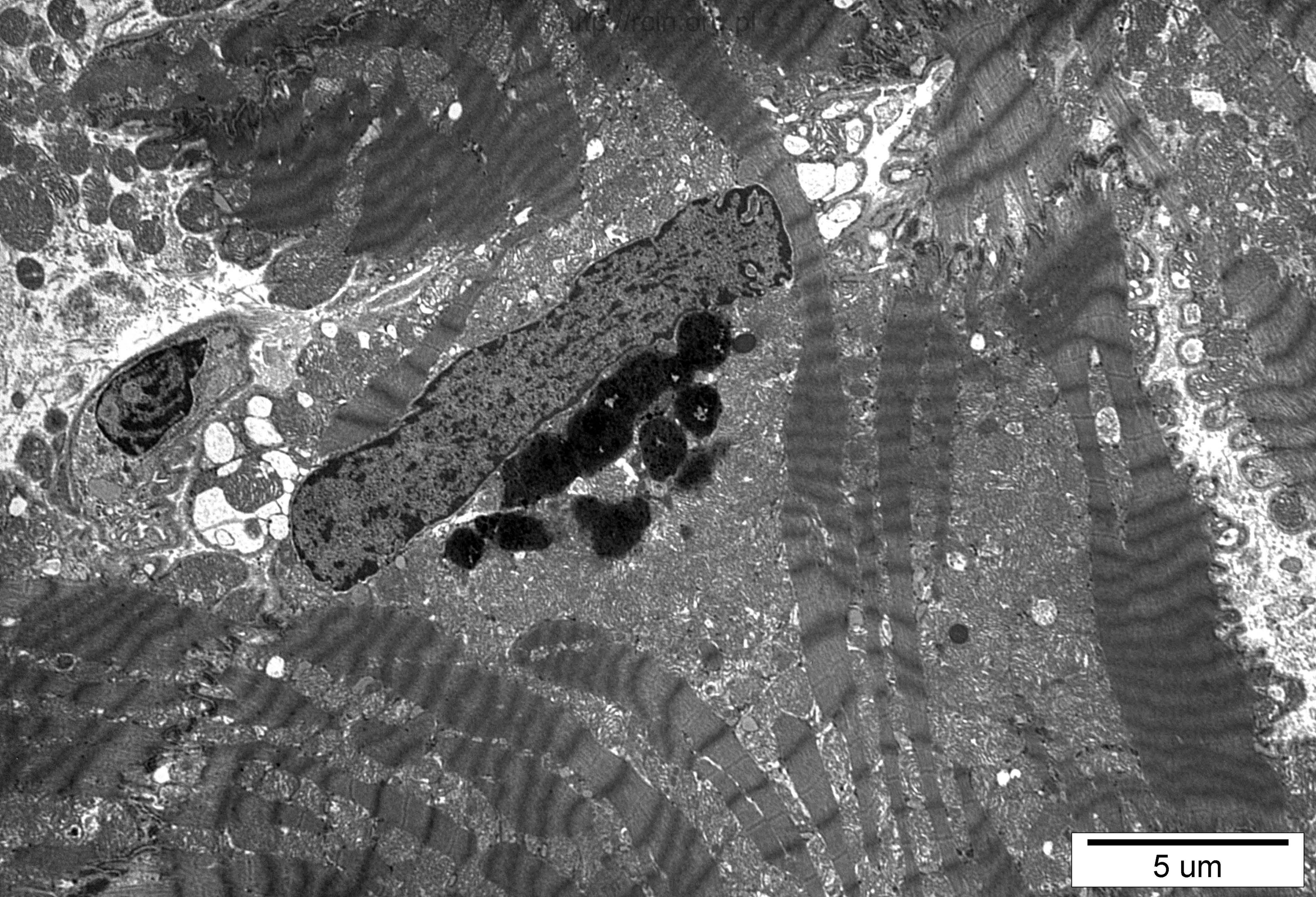

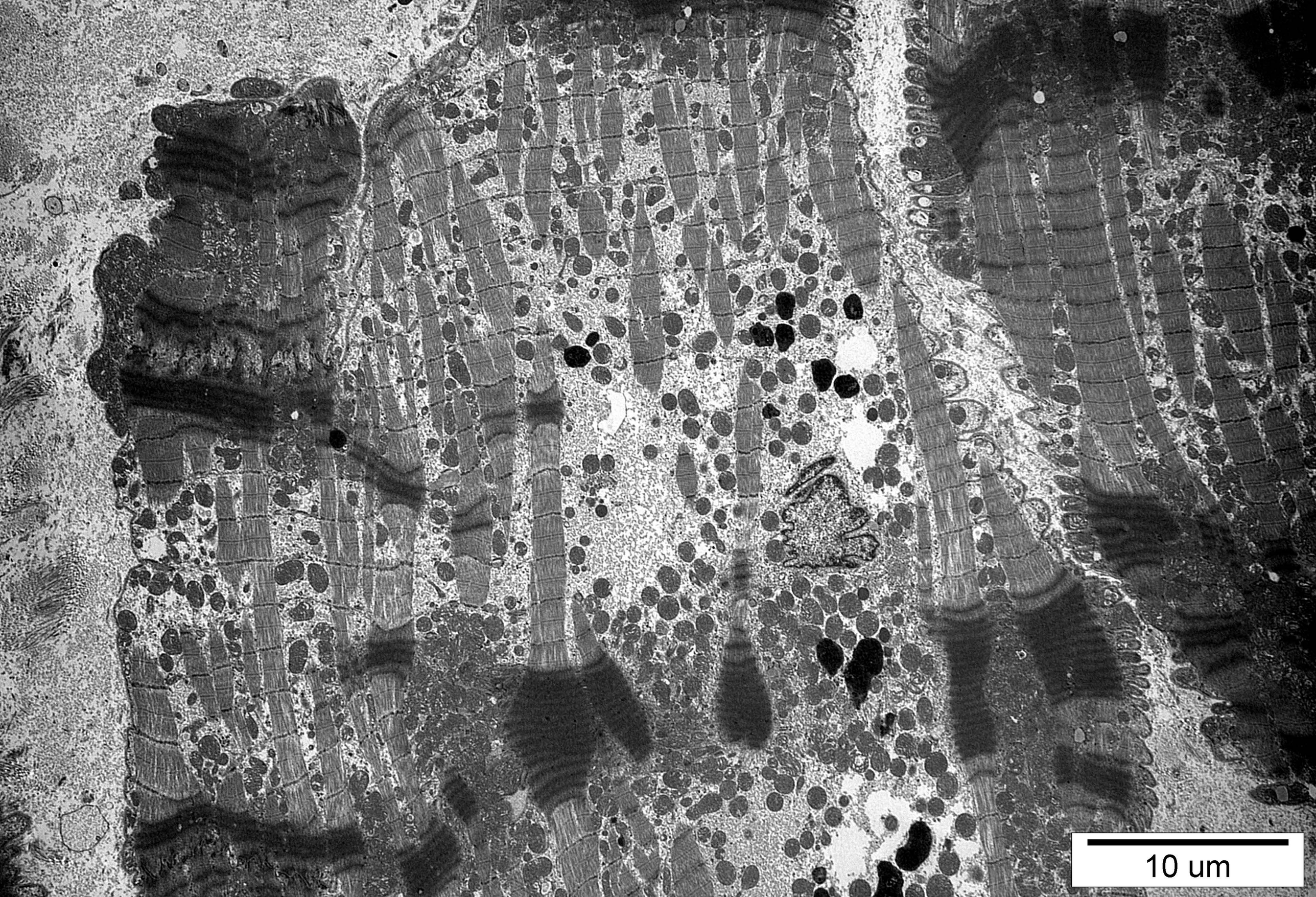
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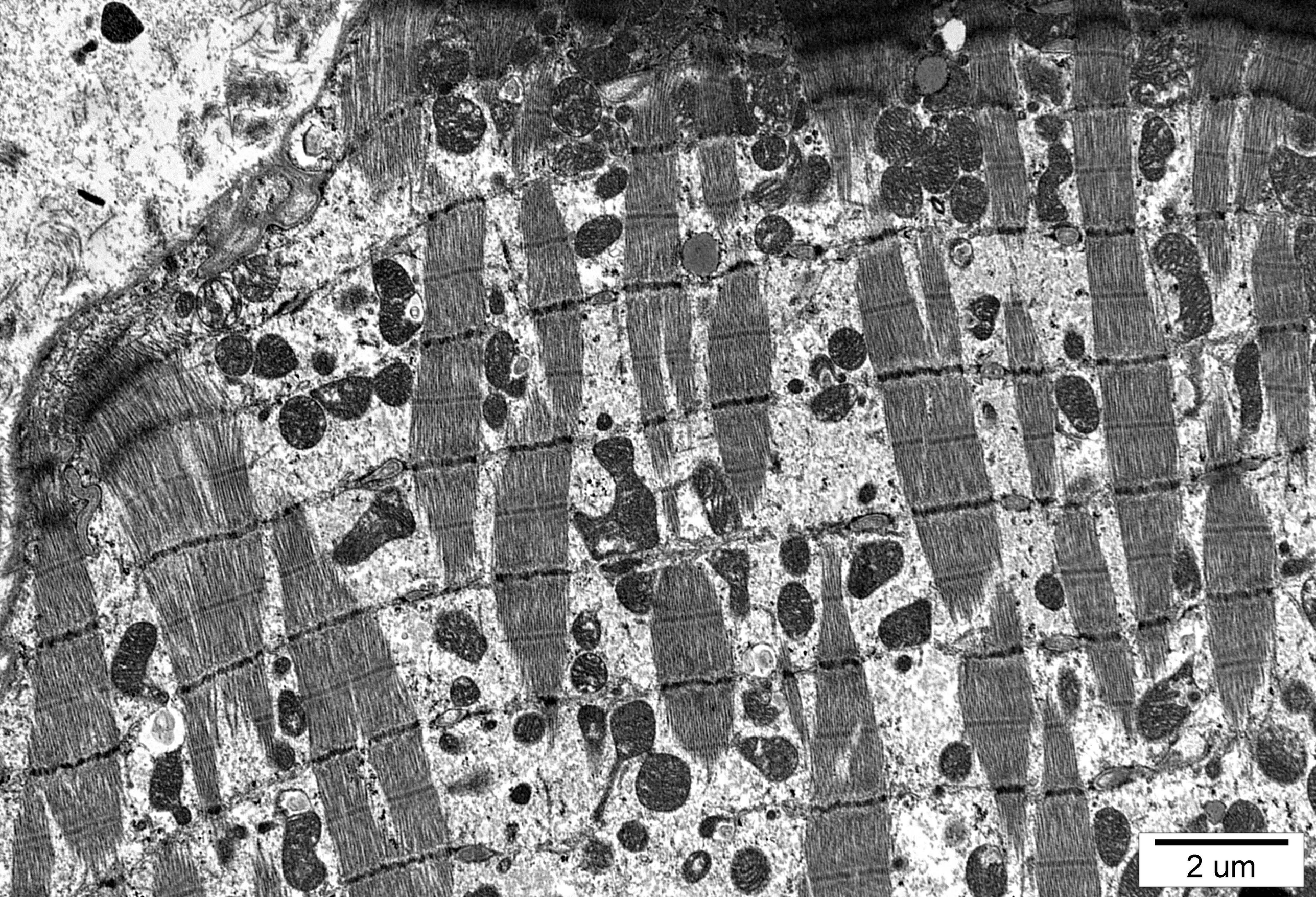
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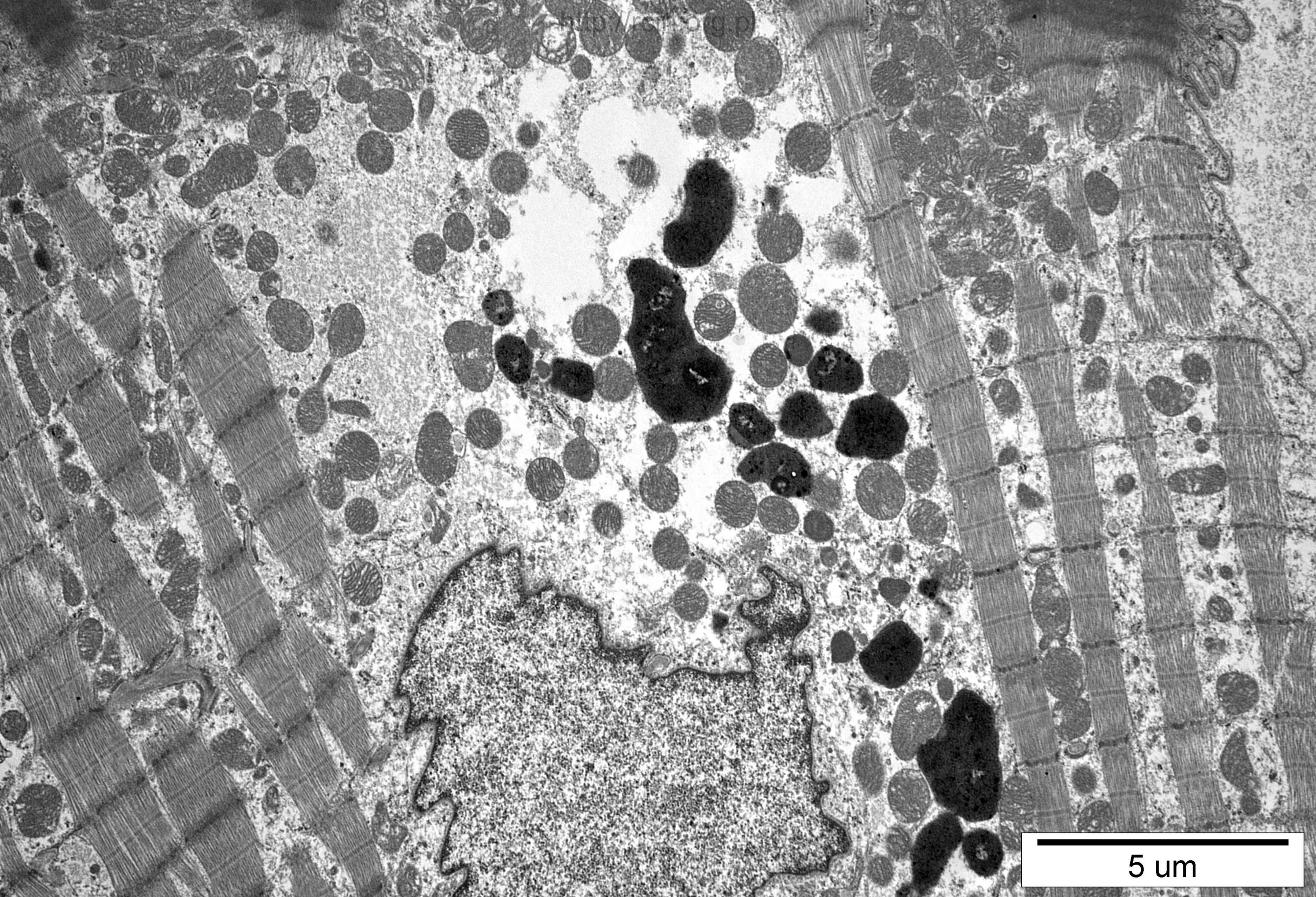


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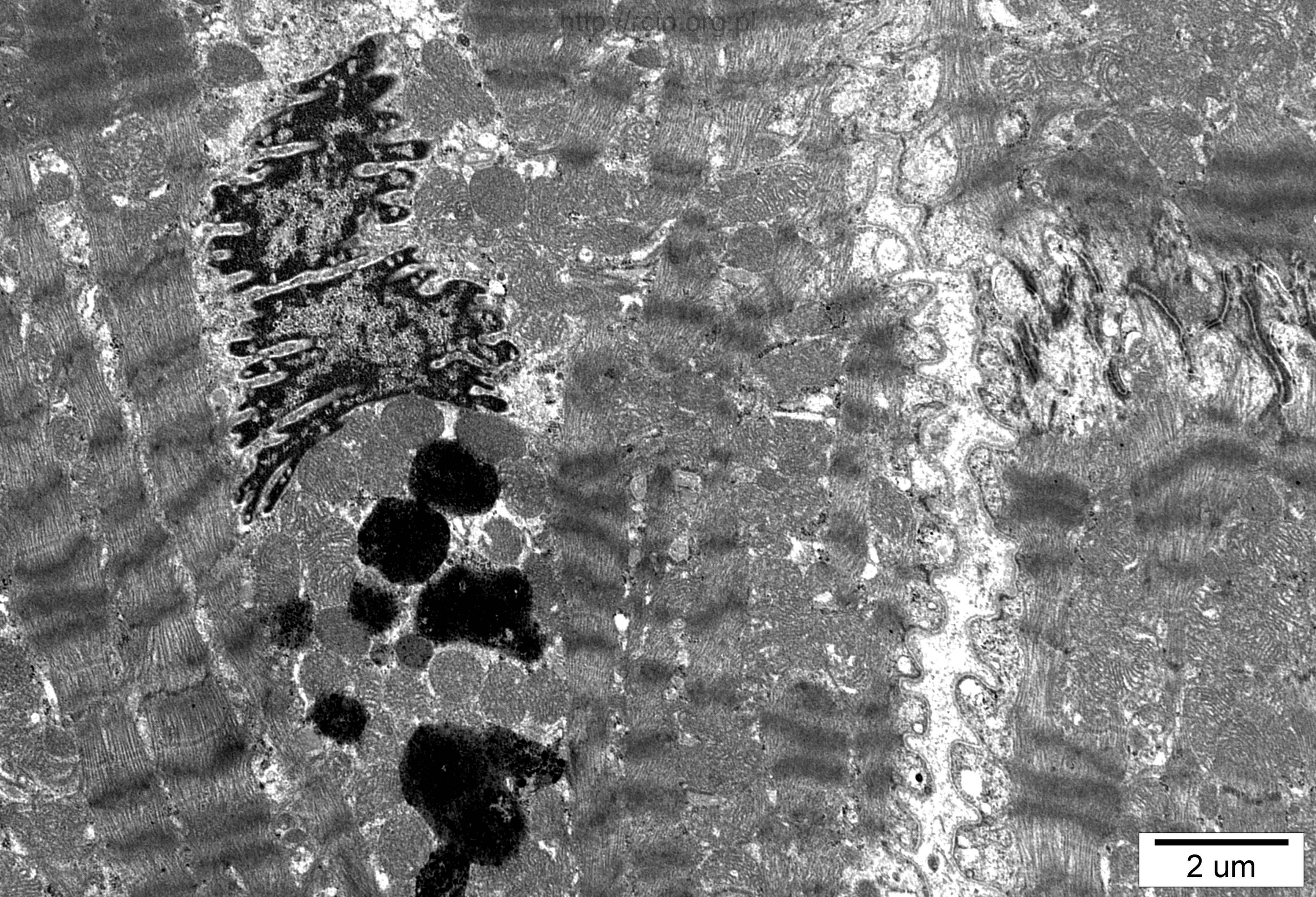

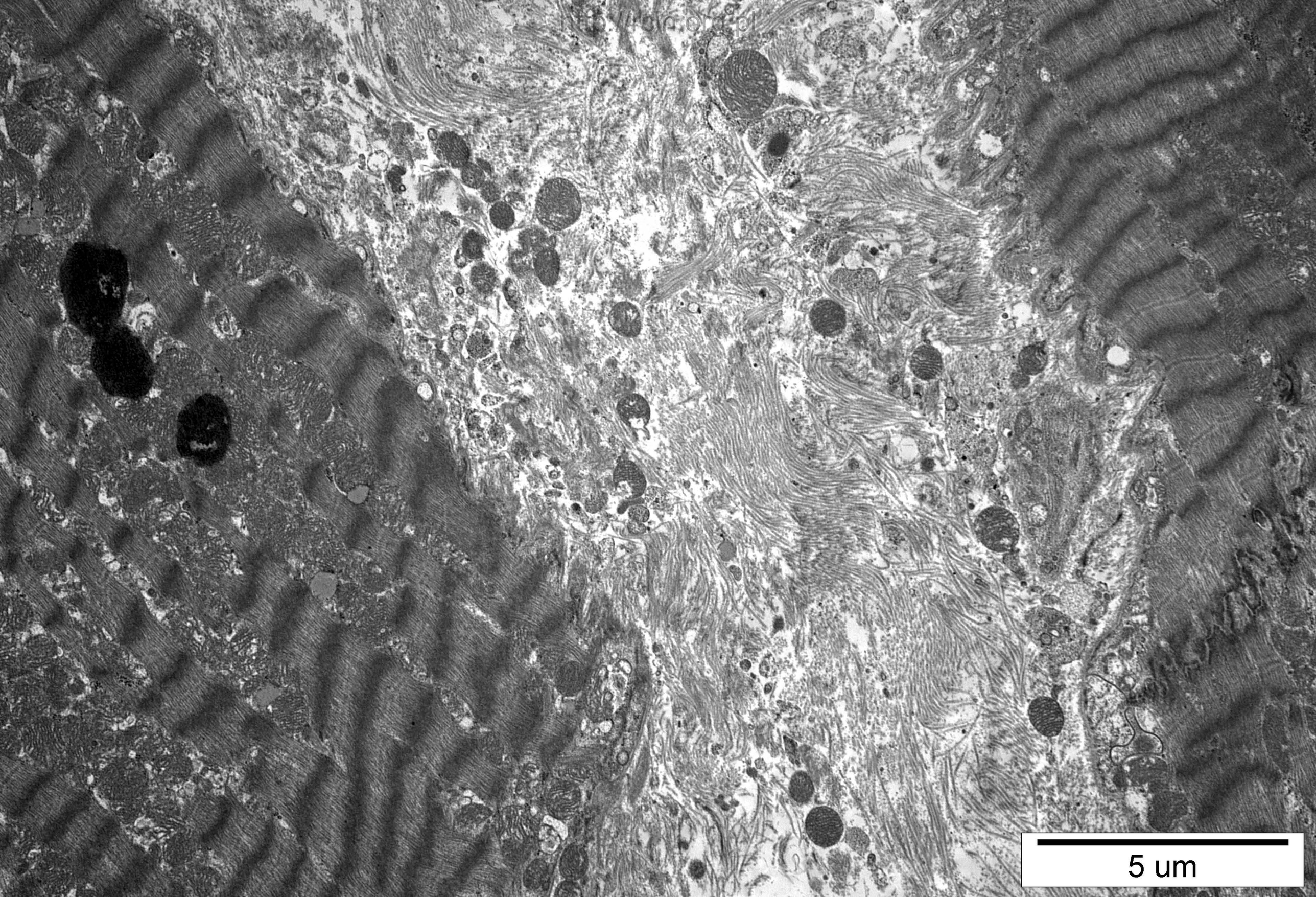

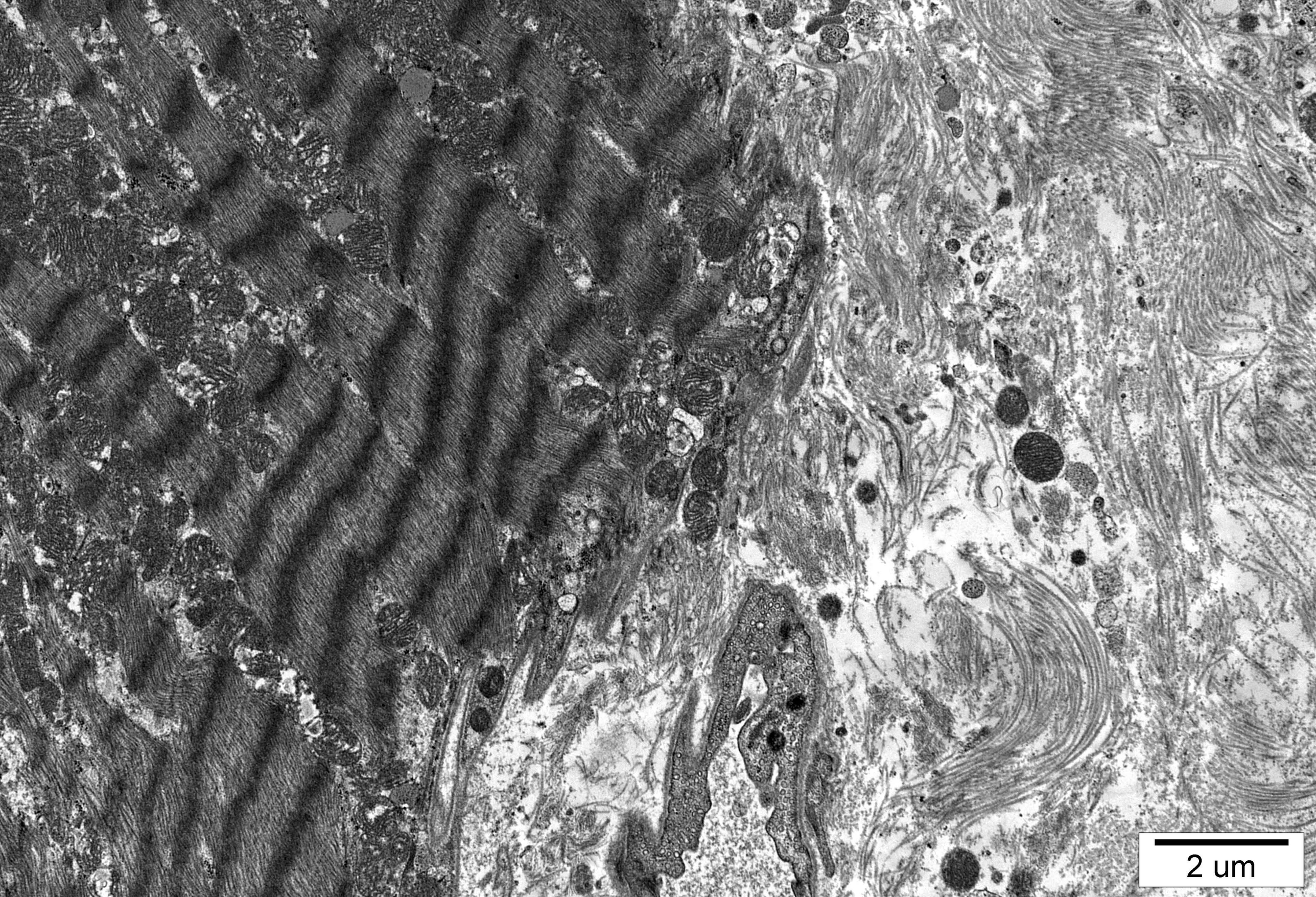
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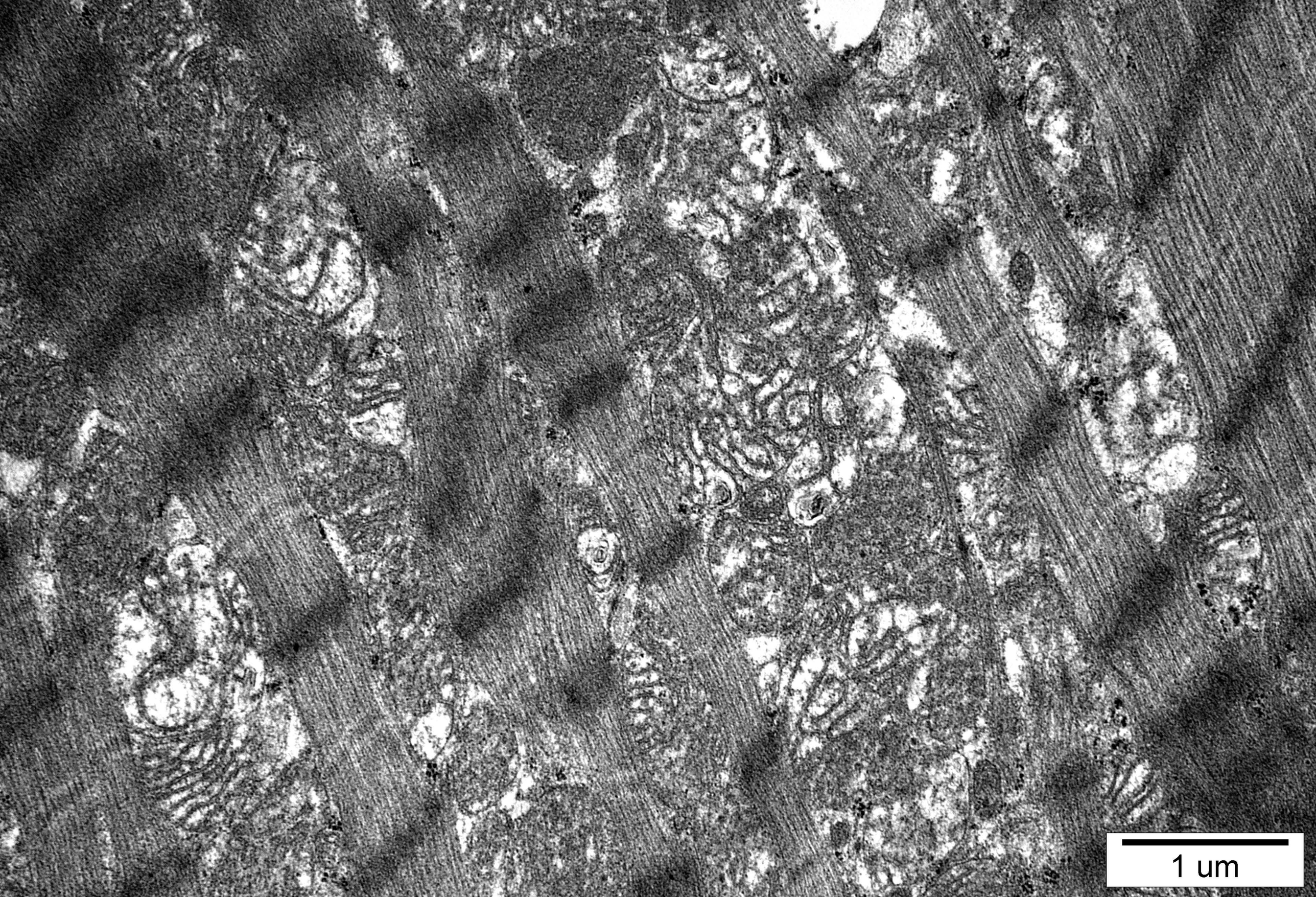
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7775-97

Ocena ultrastrukturalna wykazała częściowo zatarty wzór sarkomerów (Fig.7775-97-9, 28) oraz rozproszenie i zanik miofibryli (Fig. 7775-97-22, 23, 20, 21). W miejscach pozbawionych miofibryli obserwowano nagromadzenie mitochondriów (Fig. 7775-97-18, 15). Jądra kardiomiocytów były w większości prawidłowe ultrastrukturalnie i położone ośrodkowo (Fig. 7775-97-3, 16, 19, 25), nieliczne jądra charakteryzowały się mocno pofałdowaną błoną jądrową (Fig. 7775-97-7, 8, 12, 28). W pobliżu jąder kardiomiocytów obecne były bardzo liczne złogi lipofuscyny (Fig. 7775-97-2, 4, 5) . W przestrzeni pozakomórkowej występowała bardzo obfita tkanka łączna (Fig. 7775-97-17, 29, 30) oraz bardzo liczne naczynia kapilarne, z których część charakteryzowała się obecnością licznych pęcherzyków pinocytarnych w komórkach śródbłonka (Fig. 7775-97-10, 11).

Ultrastructural evaluation revealed partially blurred sarcomeres pattern (Figs.7775-97-9,28). Myofibrils were scattered and in some areas their atrophy were observed (Figs. 7775-97-22, 23, 20,21). In the areas lacking myofibrils, accumulation of mitochondria had been noticed (Figs.7775-97-18,15). Cardiomyocytes' nuclei were mostly ultrastructurally unaltered and centrally located (Figs. 7775-97-3,16,19,25). Few nuclei were characterized by a strongly undulating nuclear membrane (Figs. 7775-97-7,8,12,28). Very numerous lipofuscin deposits were present in the vicinity of the cardiomyocytes' nuclei (Figs. 7775-97-2,4,5) . In the extracellular space, there was very abundant connective tissue (Figs. 7775-97-17,29,30). Numerous capillary vessels were also seen, some of which were characterized by the presence of many pinocytic vesicles in the endothelium(Figs. 7775-97-10,11).