Fig. 1

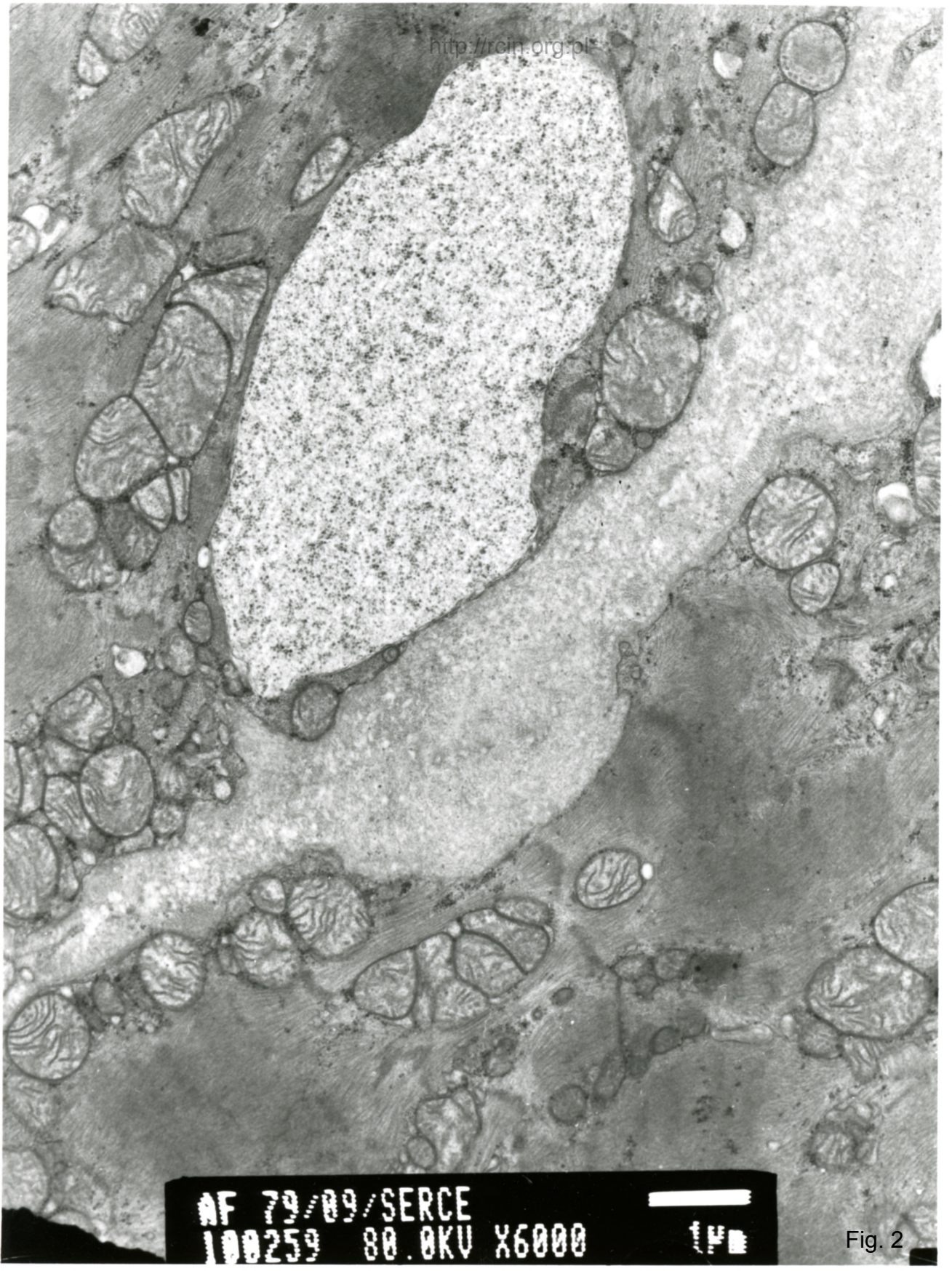

Fig. 2

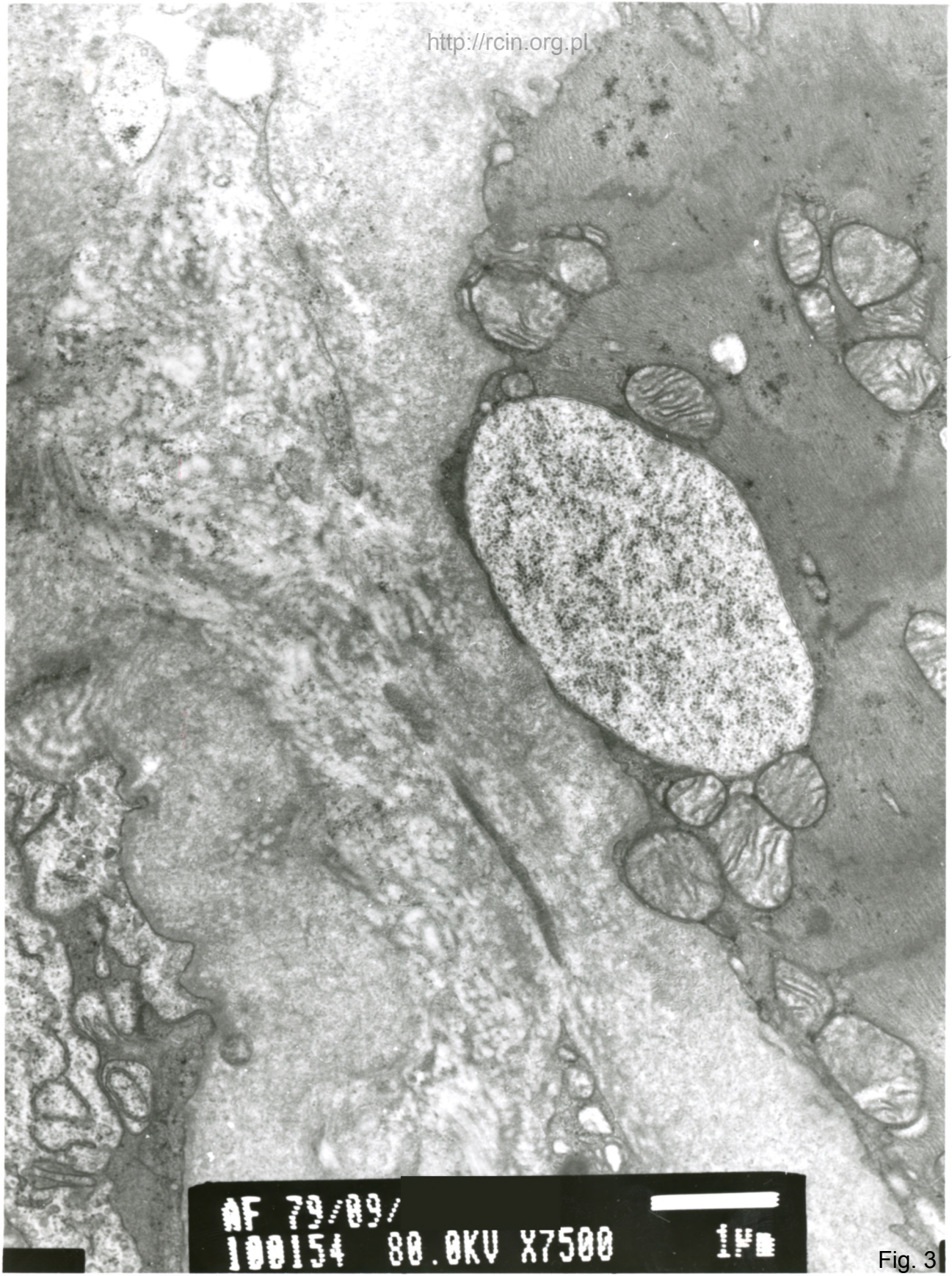

Fig. 3

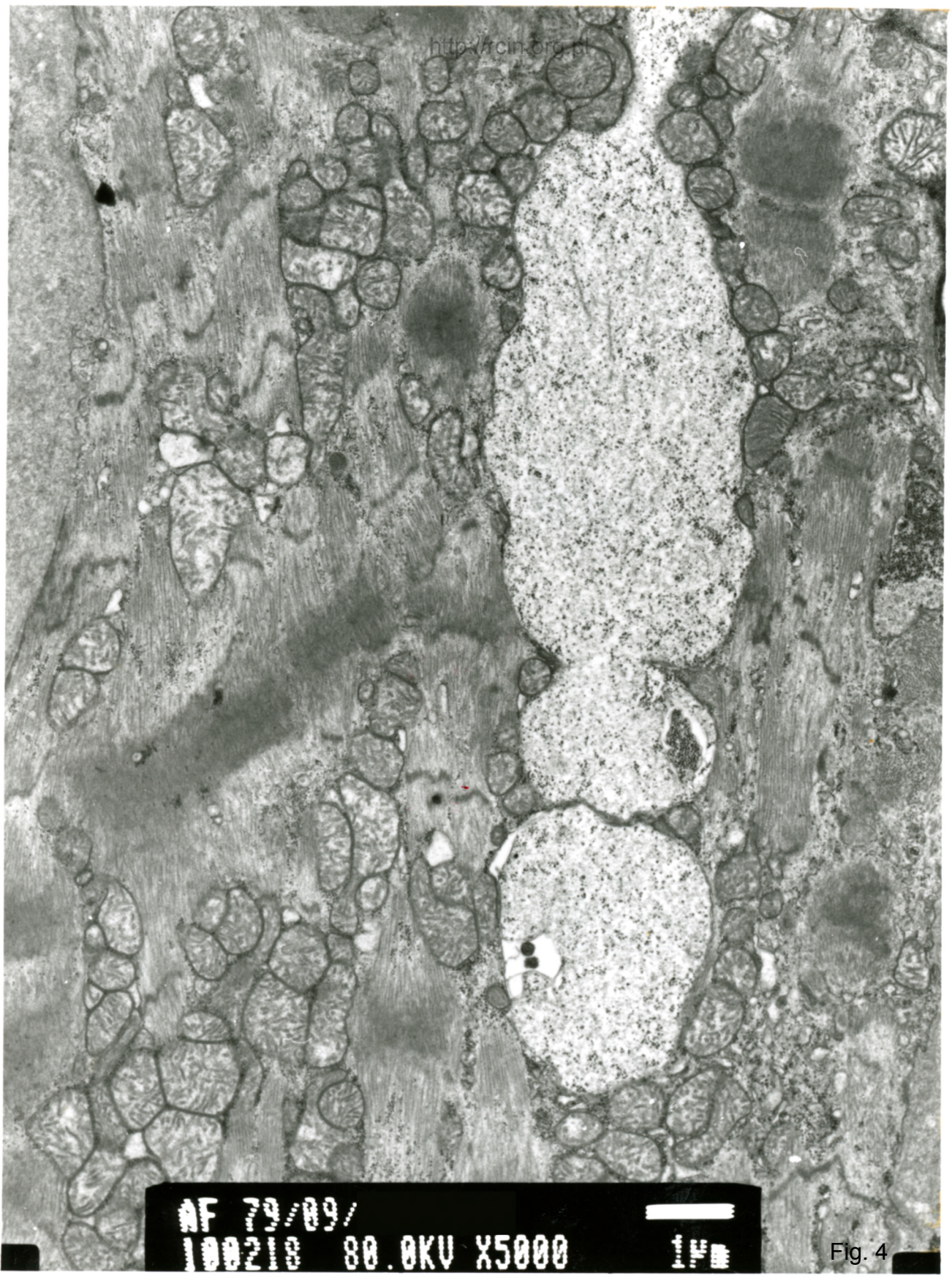

Fig. 4

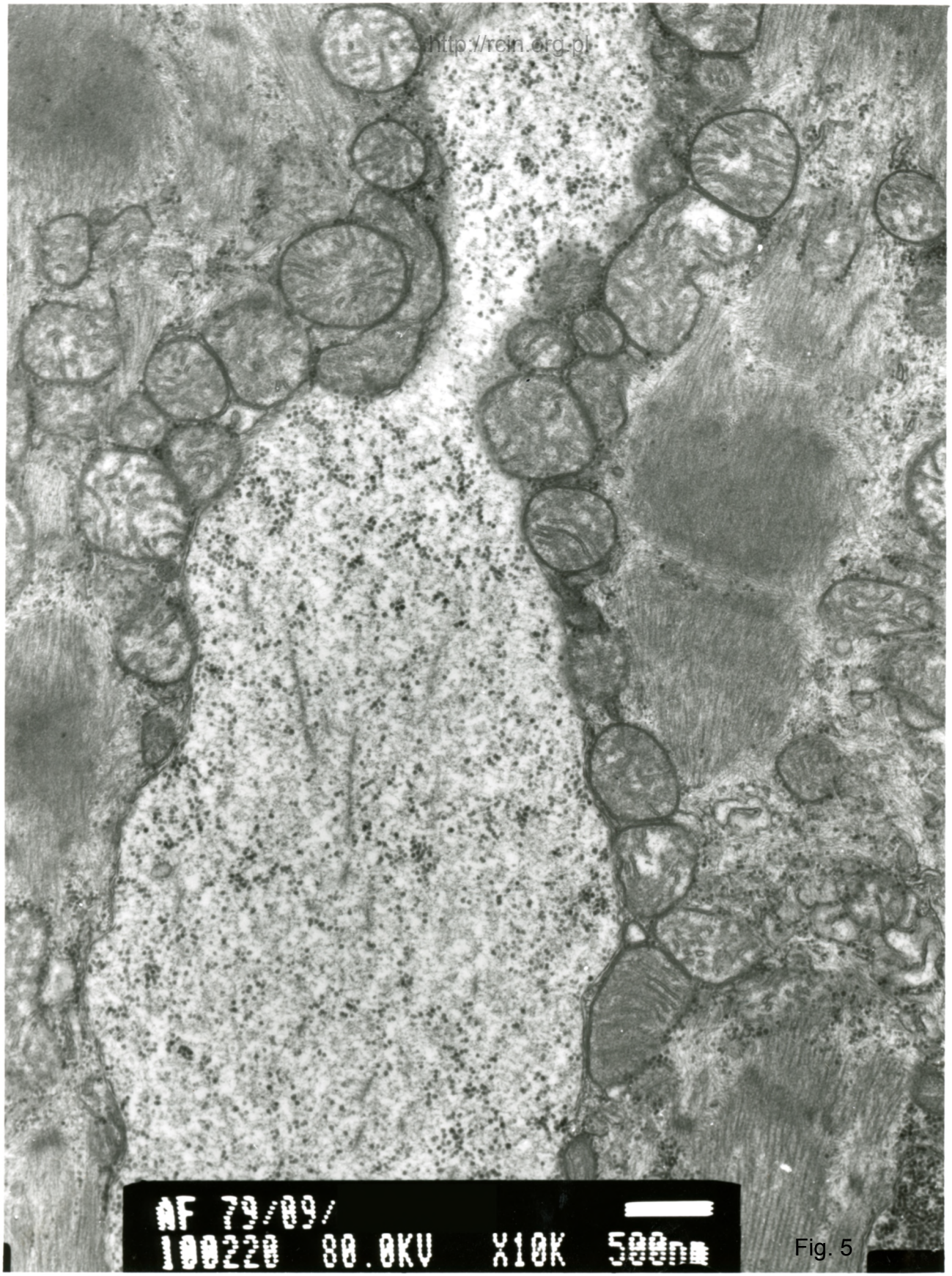

Fig. 5

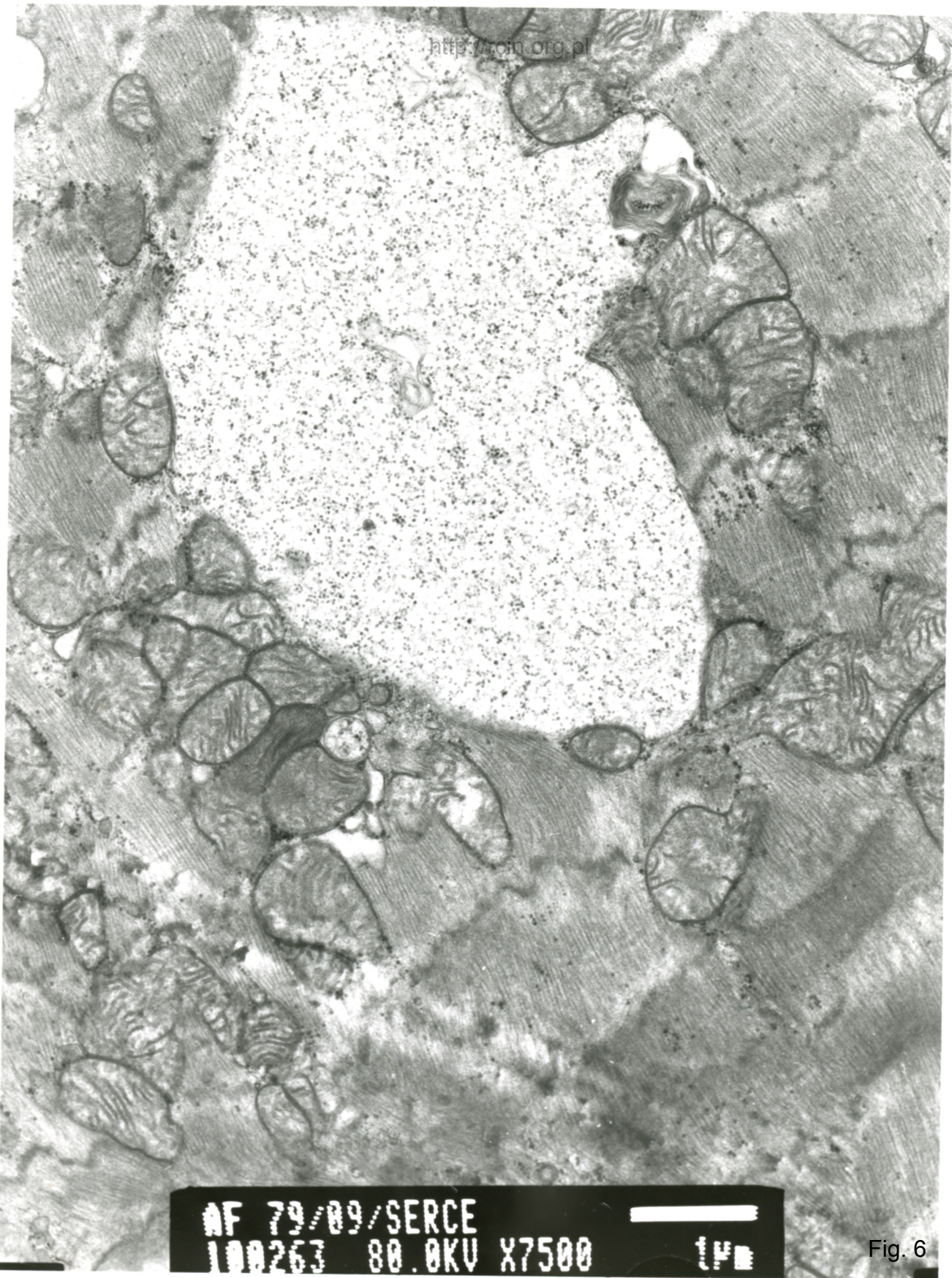

Fig. 6

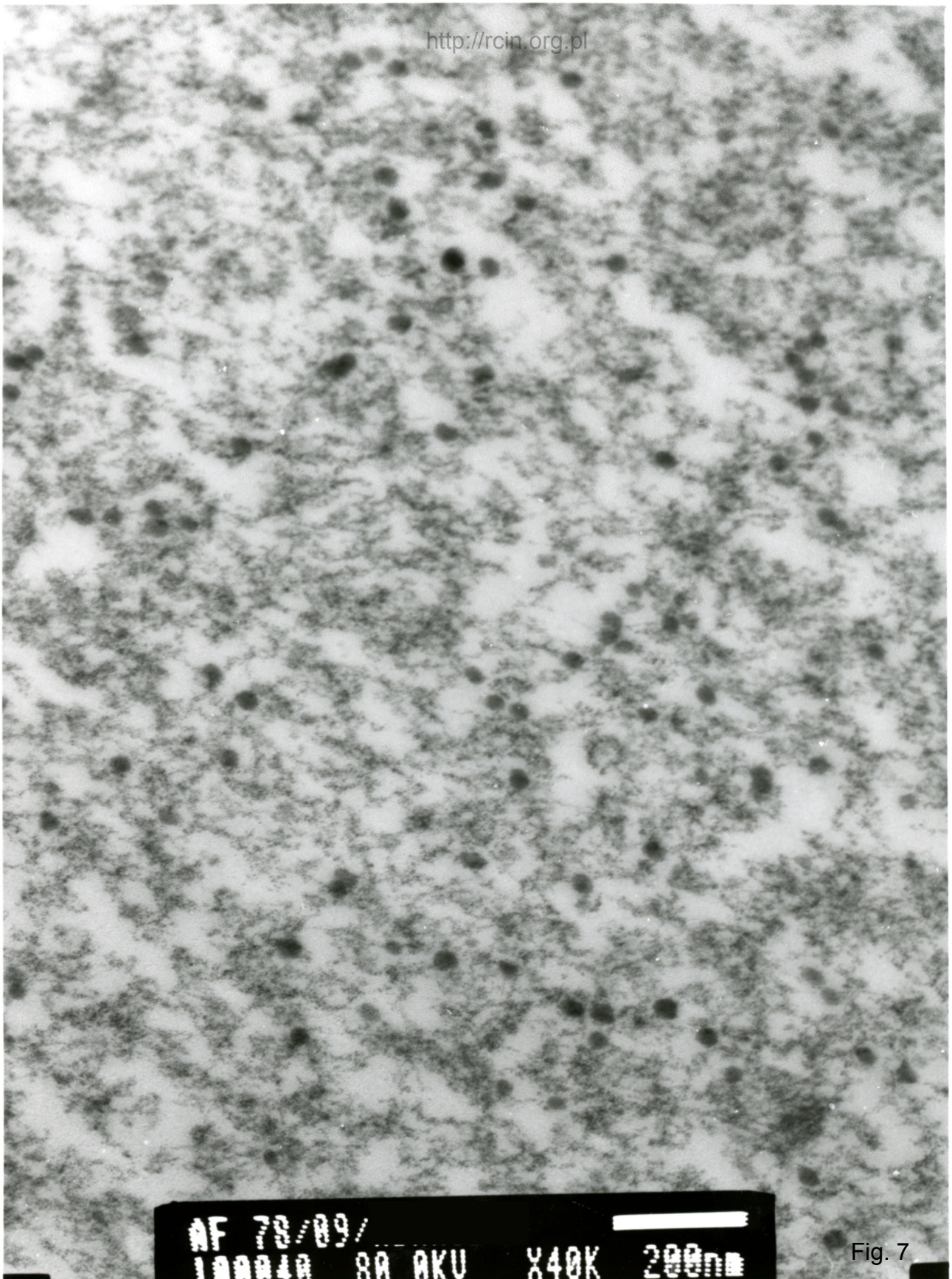

Fig. 7

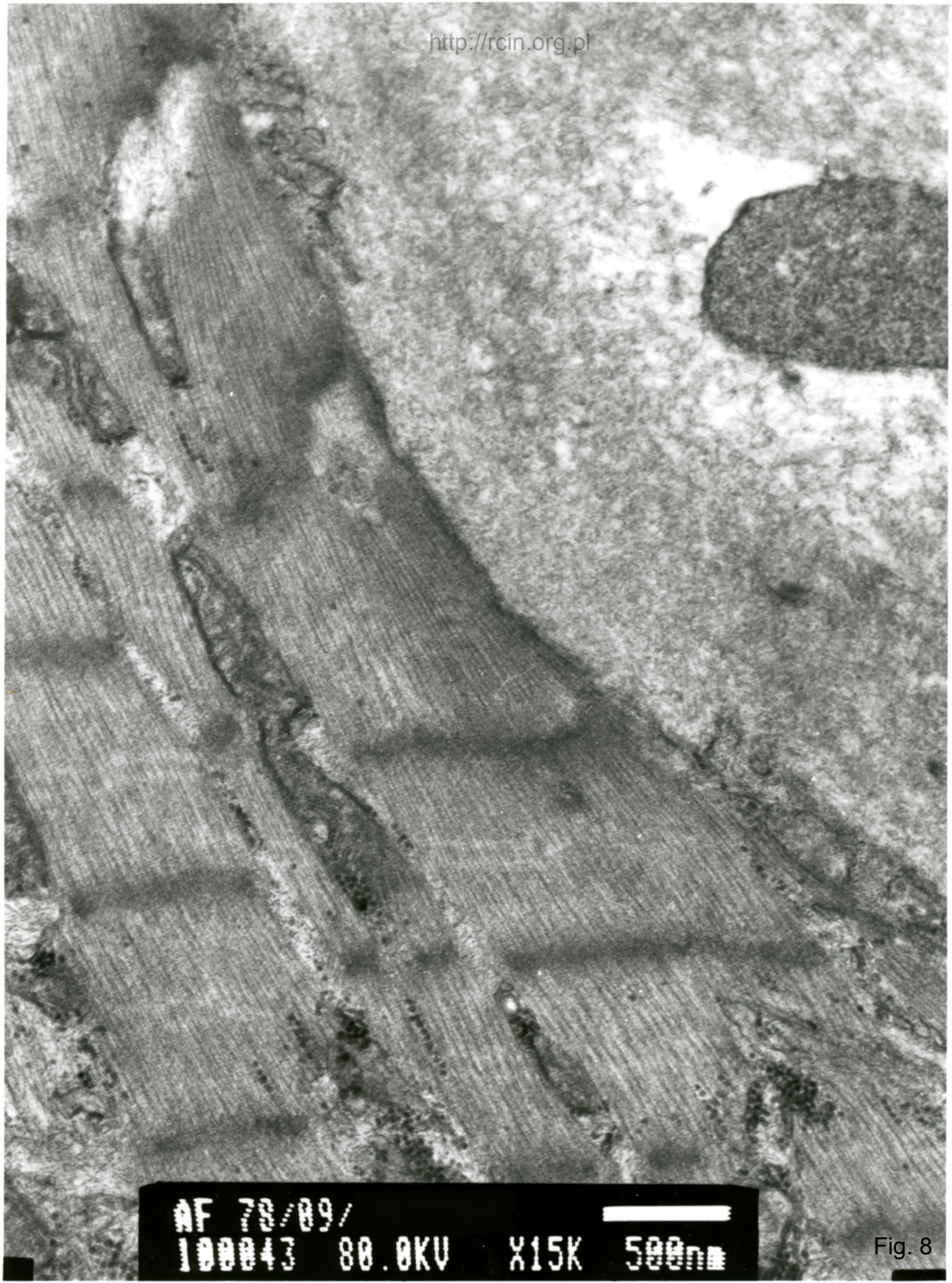

Fig. 8

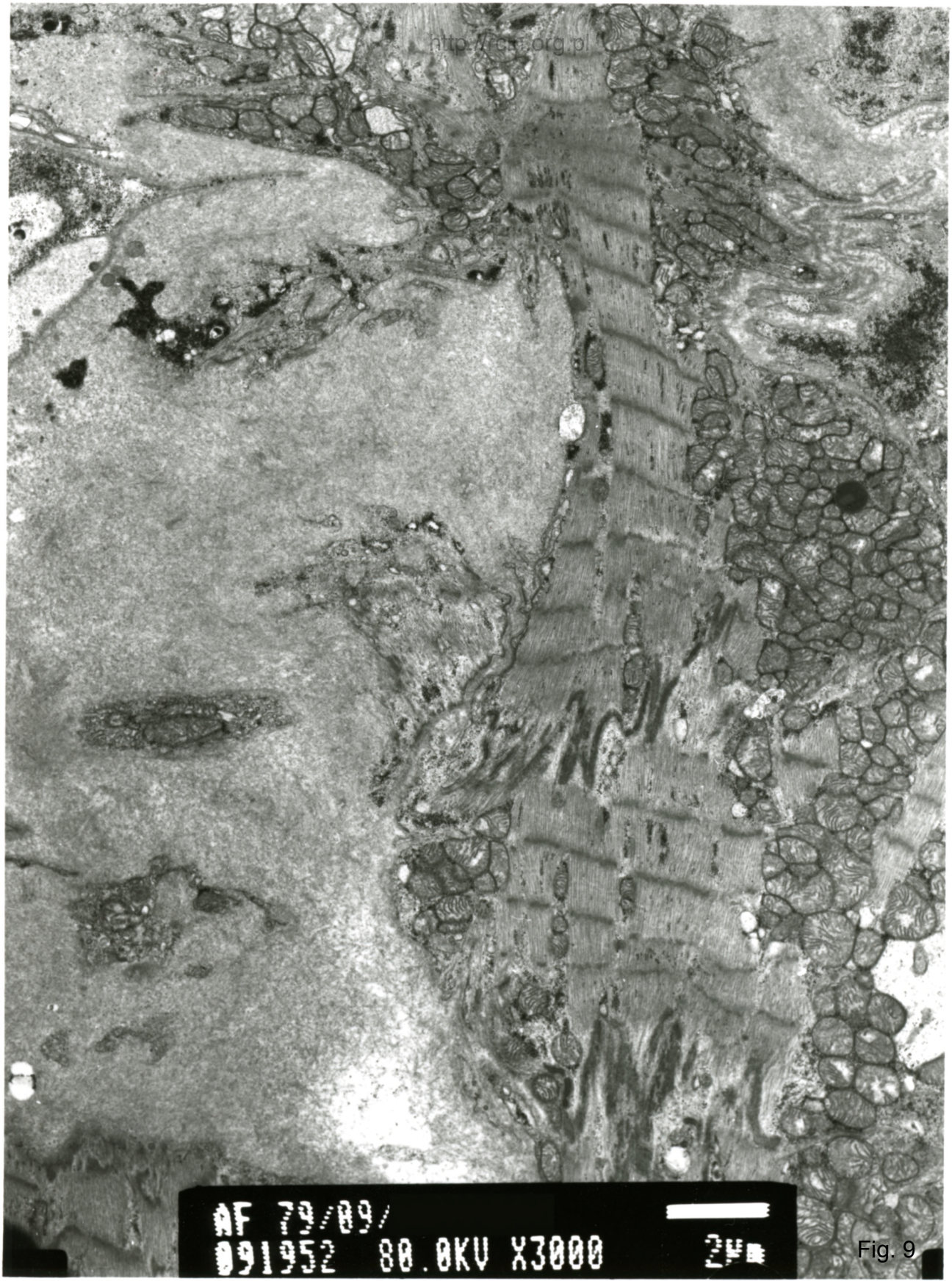

Fig. 9

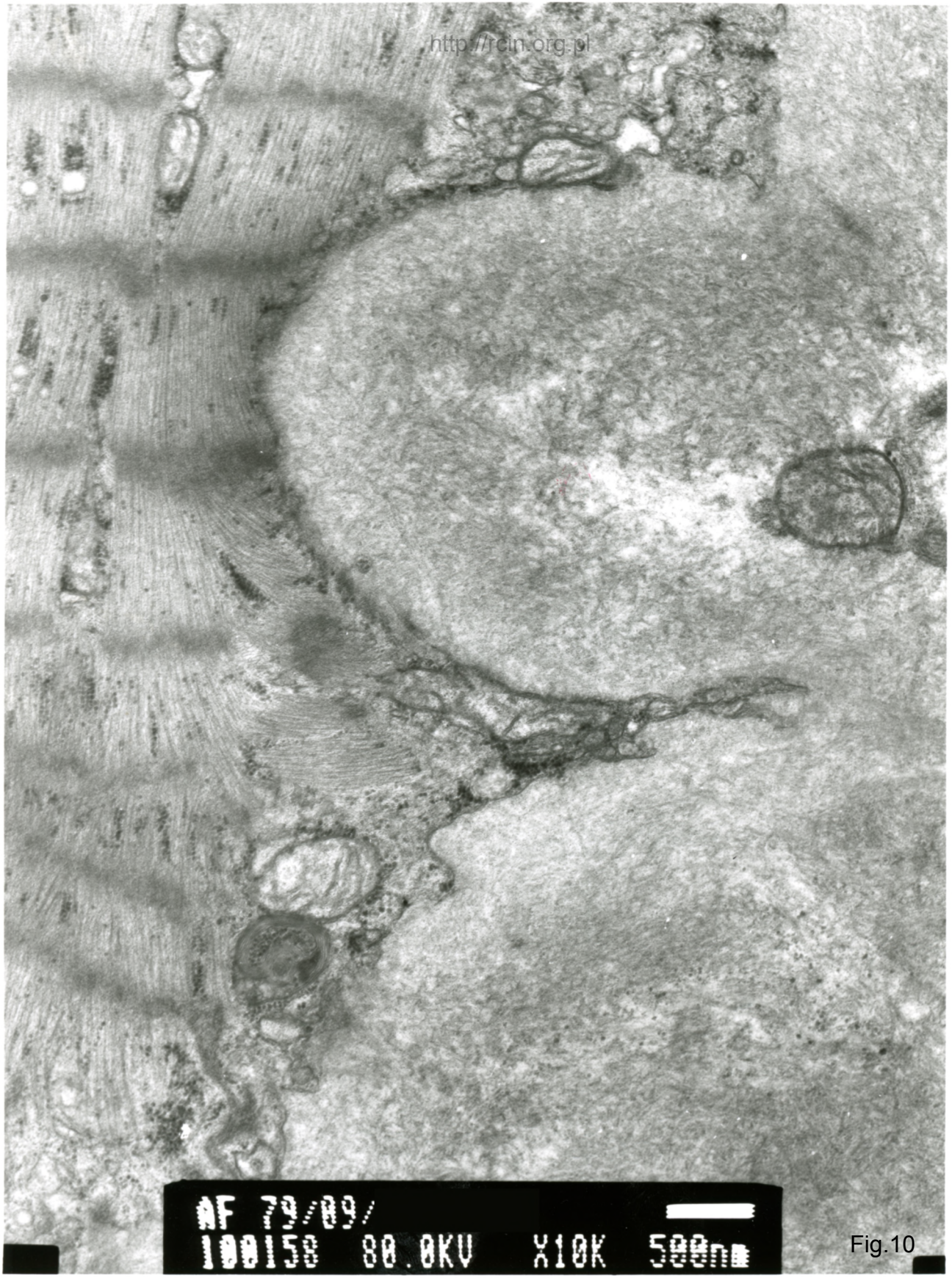

Fig.10

Fig.11

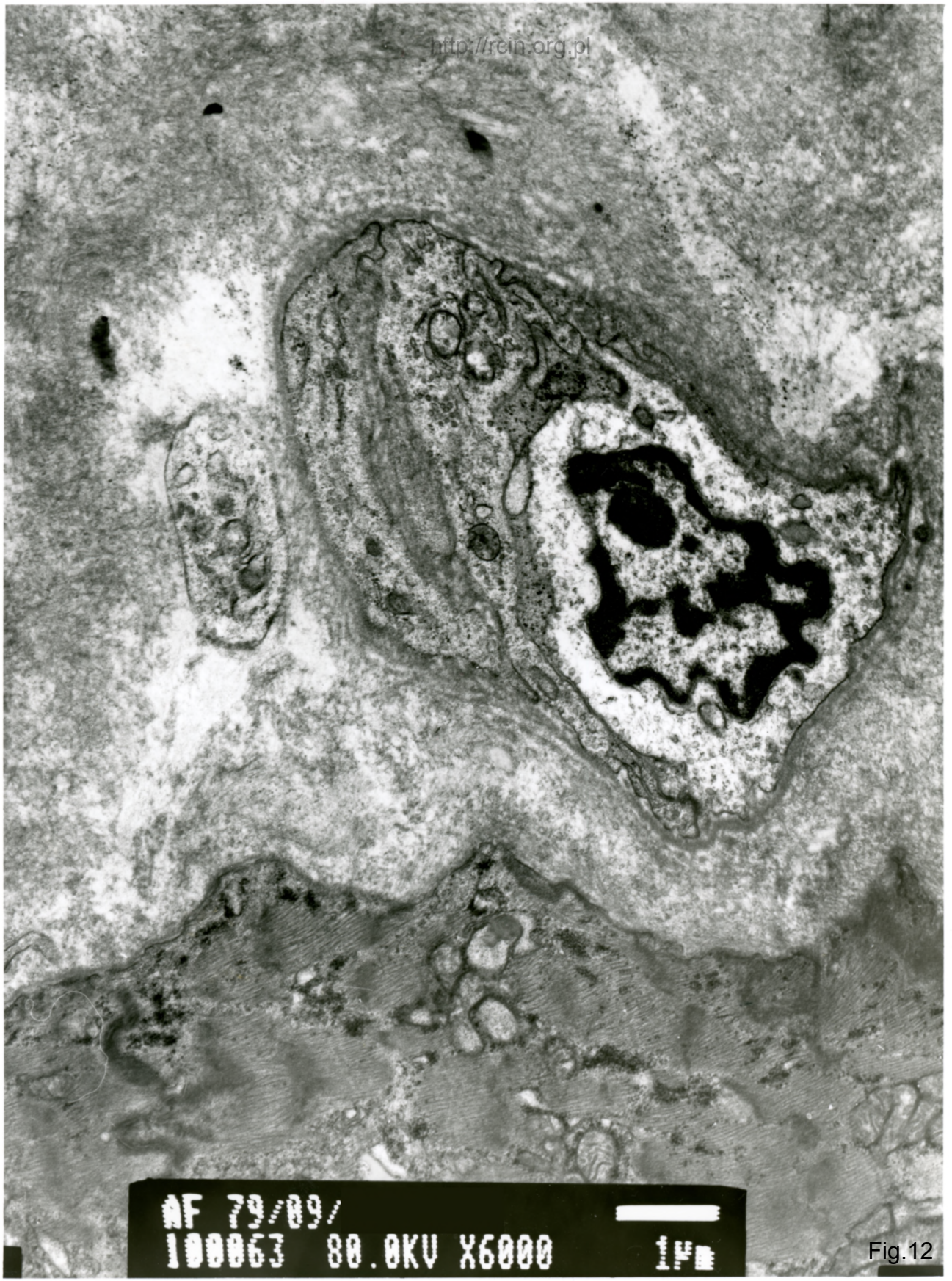

Fig.12

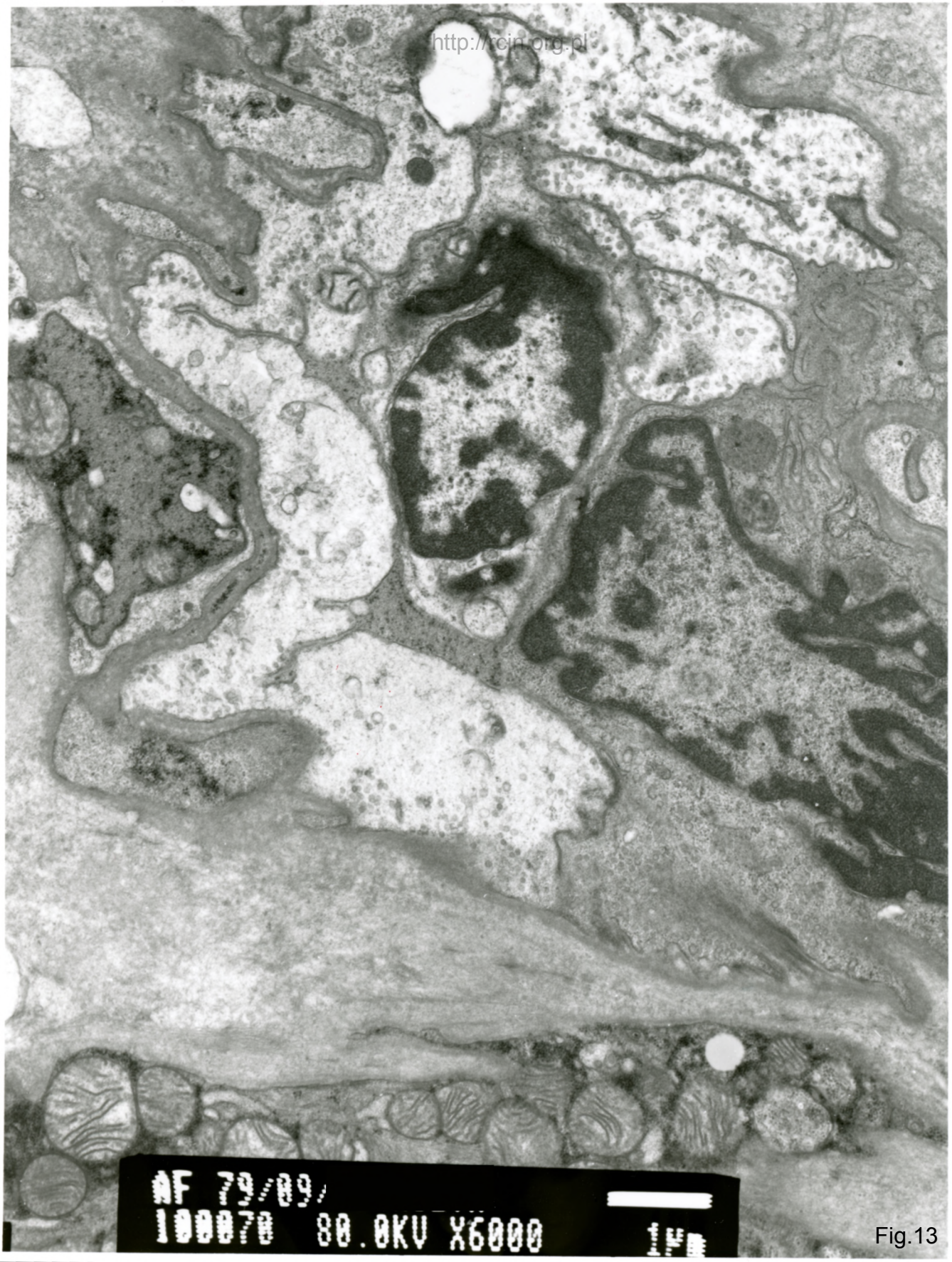

Fig.13

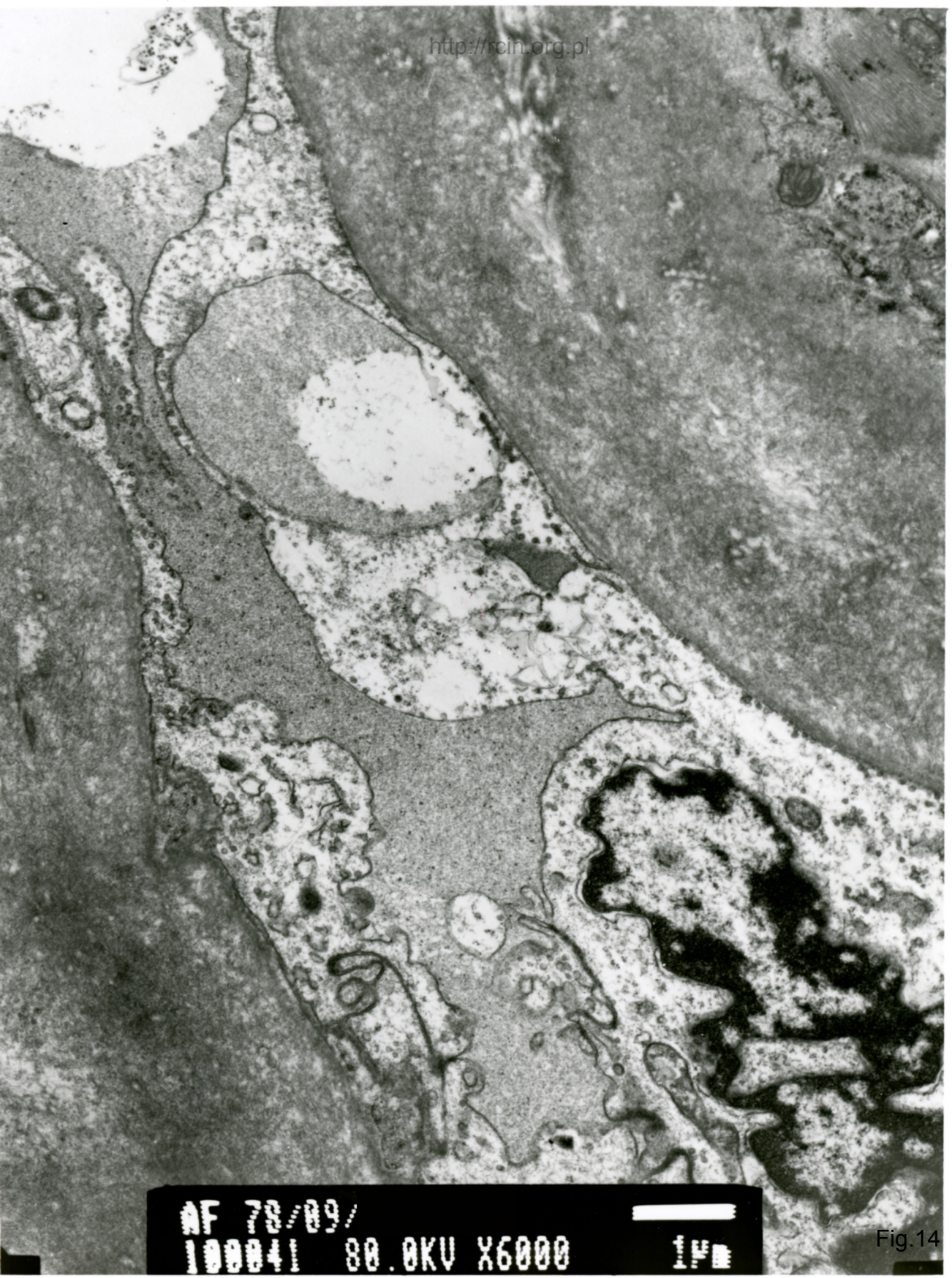

Fig.14

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Amyloidoza serca

W zmienionych ultrastrukturalnie kardiomiocytach obecne były osmofilne struktury o okrągłym lub owalnym kształcie, różnej wielkości, czasem bardzo duże. Struktury takie były otoczone pojedynczą membraną (Fig.1,2,3,4,5,6,7). W przestrzeniach pozakomórkowych do błony podstawnej kardiomiocytów przylegały krótkie, delikatne włókienka (Fig. 8, 9, 10, 11). W przestrzeniach tych obecne były również liczne naczynia włosowate. Komórki śródbłonka tych naczyń posiadały jasną osmofilną cytoplazmę i jądra o pofładowanych brzegach (Fig. 12,13,14).

Heart amyloidosis

In the ultrastructurally altered cardiomyocytes round or oval-shaped osmophilic structures of various sizes, some of them very large were present. Such structures were surrounded by a single membrane (Figs. 1,2,3,4,5,6,7). In the extracellular space short, delicate filaments adhering to the basement membrane of cardiomyocytes were observed (Figs. 8, 9, 10, 11). Also numerous capillaries were seen. Endothelial cells of these vessels were characterized by bright osmophilic cytoplasm and nuclei with corrugated margins (Figs. 12, 13, 14).