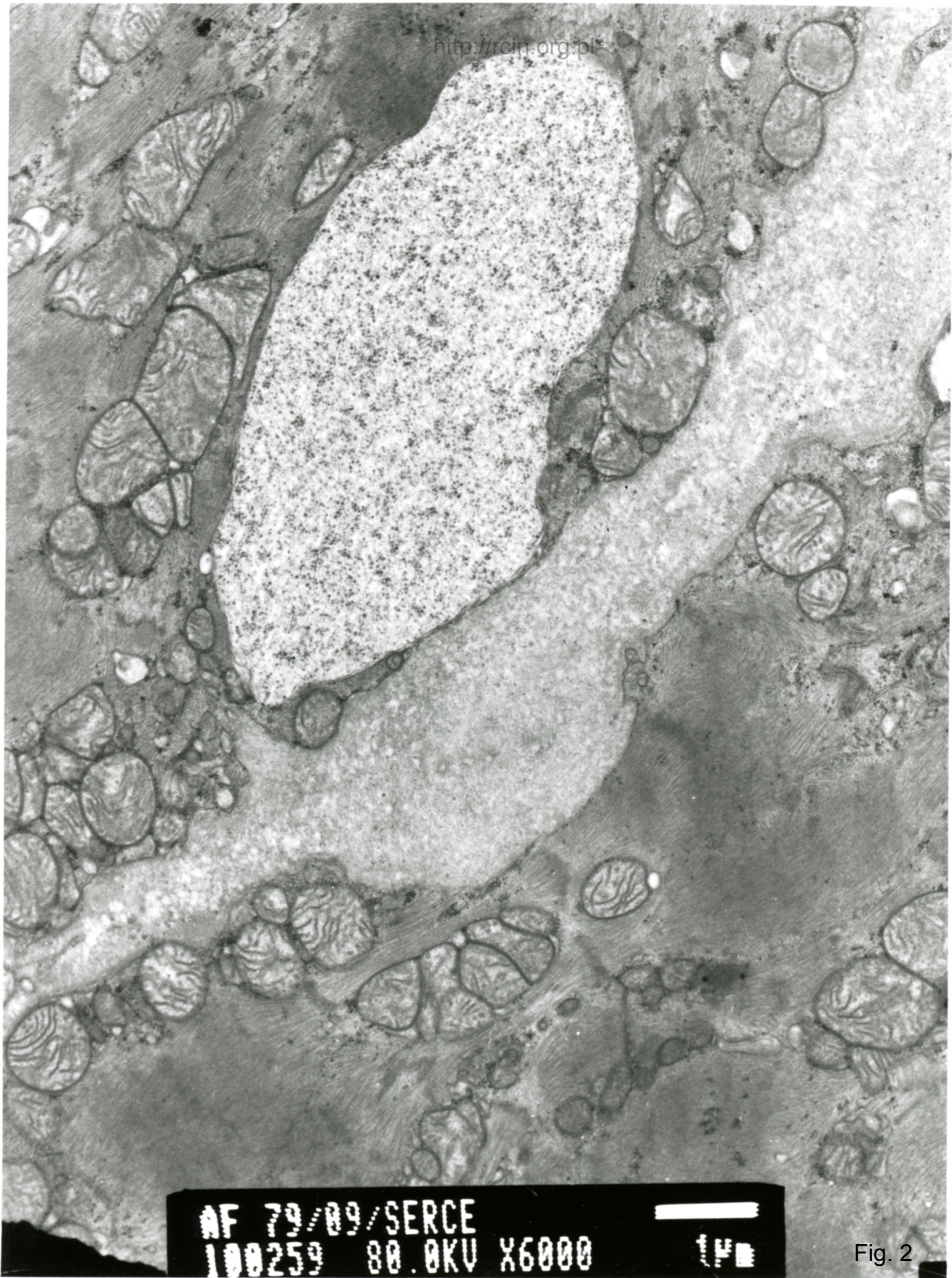


AF 79/09/
100155 80.0KV X3000



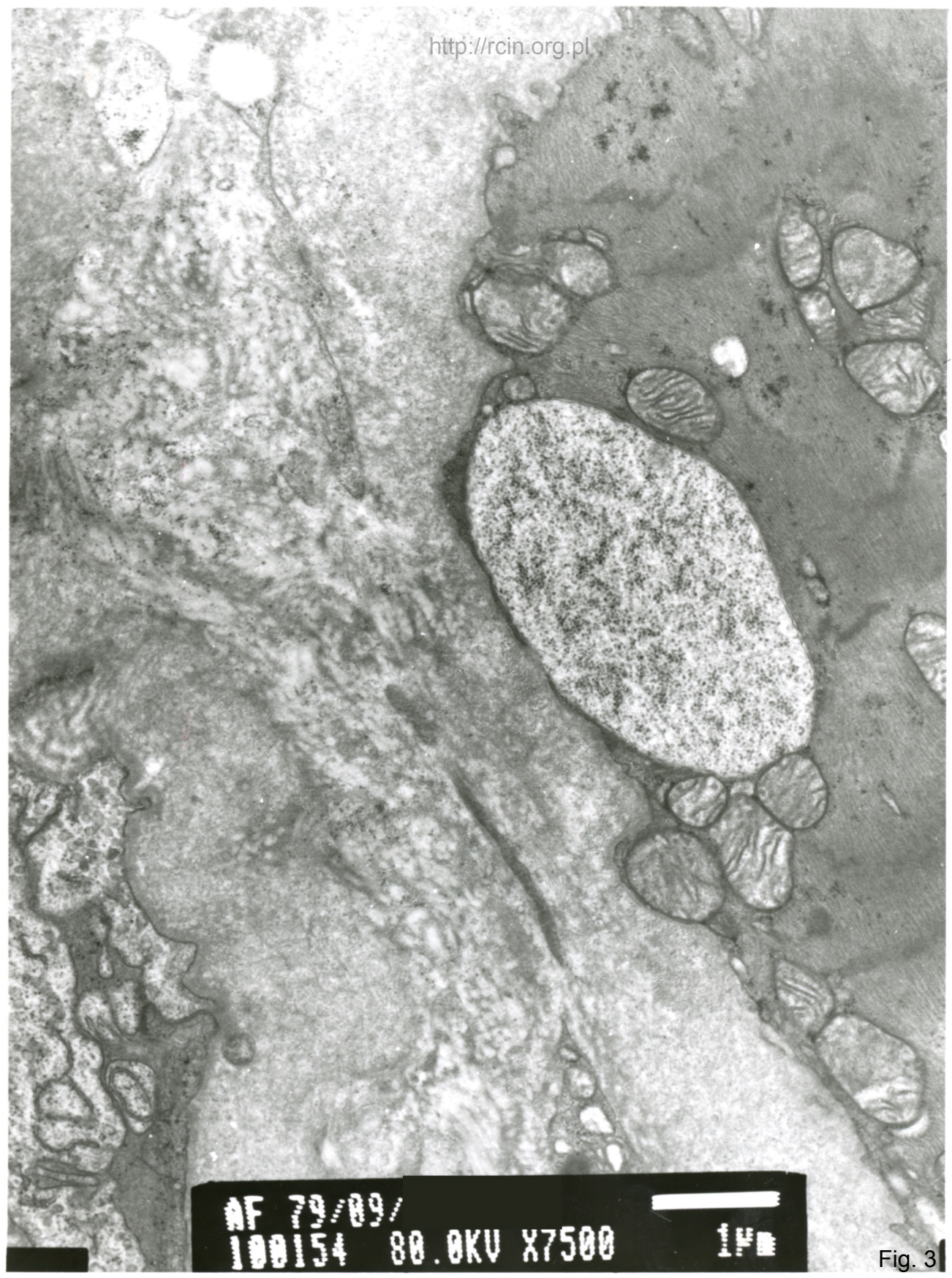
2µm

Fig. 1



AF 79/89/SERCE
100259 80.0KV X6000

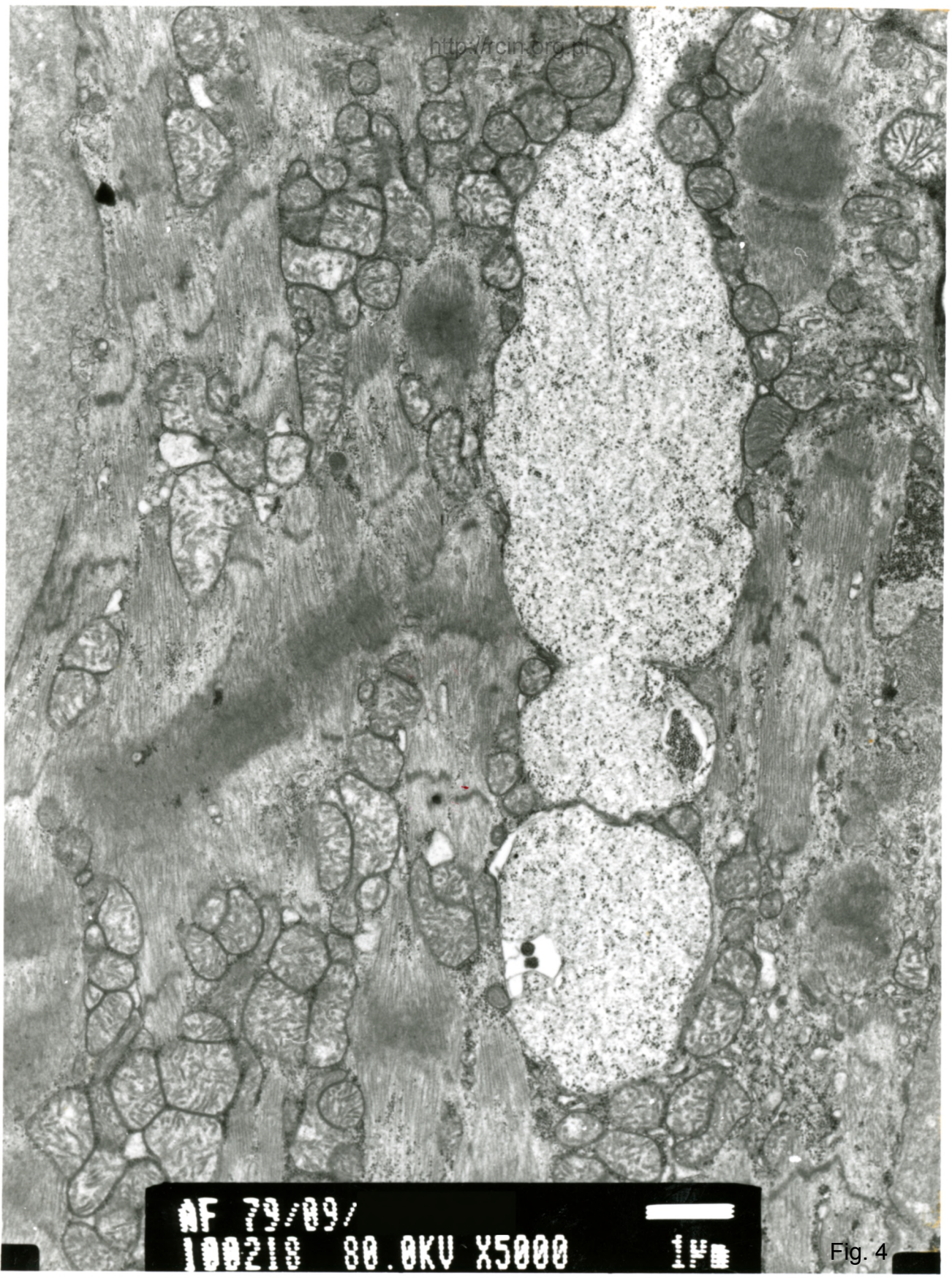
Fig. 2



AF 79/89/
100154 80.0KV X7500

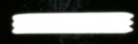
1µm

Fig. 3



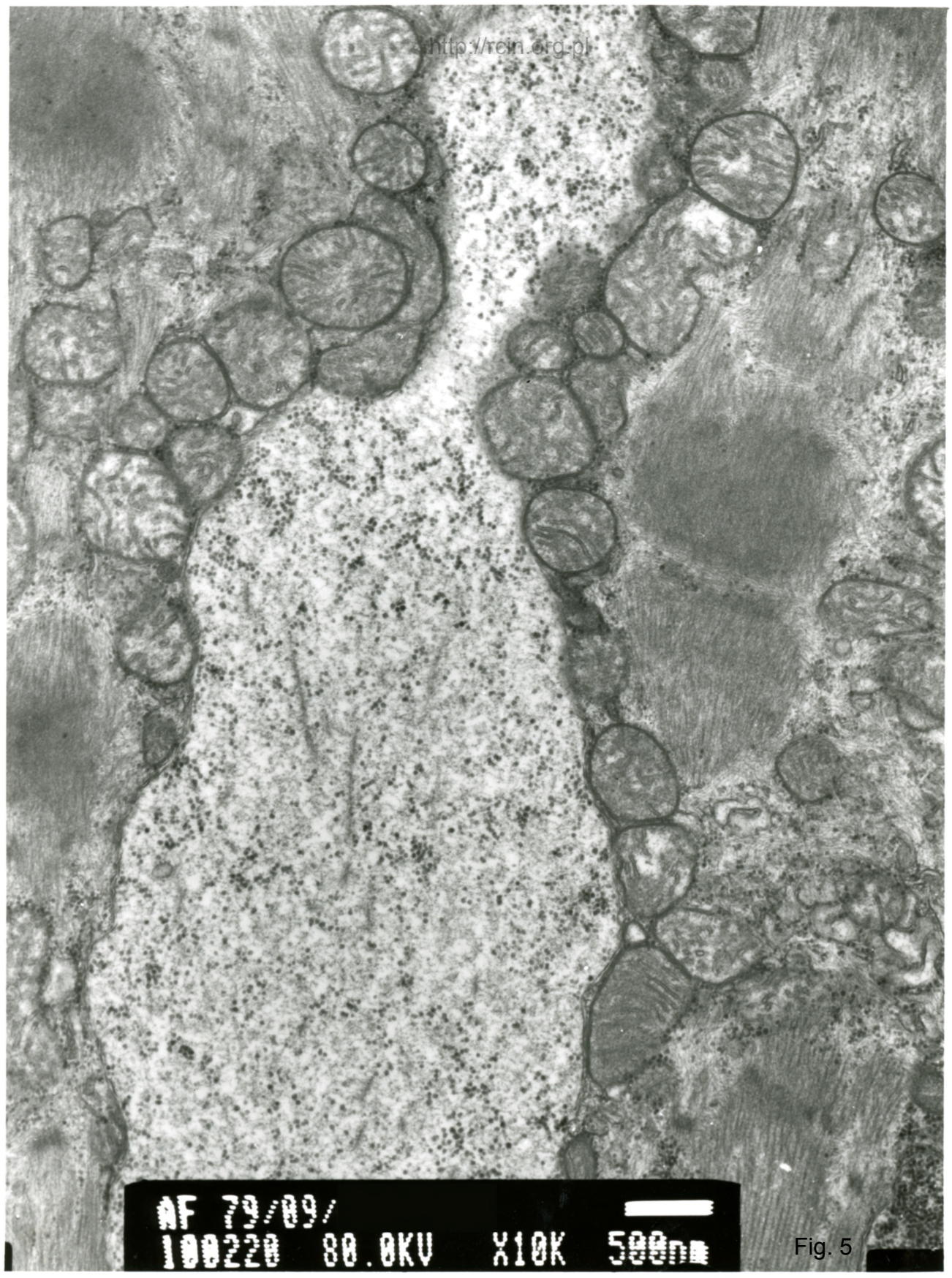
AF 79/09/

100218 80.0KV X5000



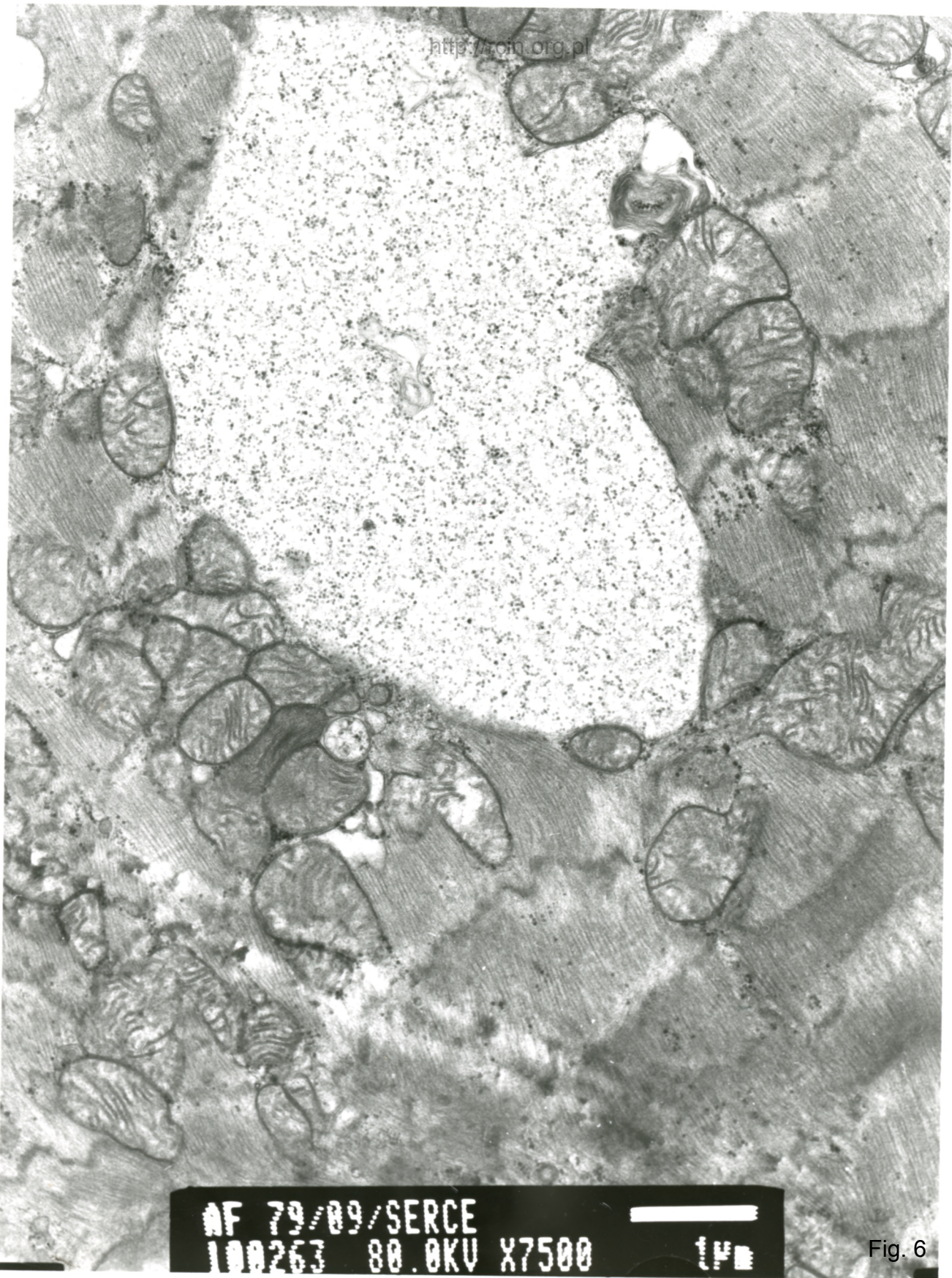
1µm

Fig. 4



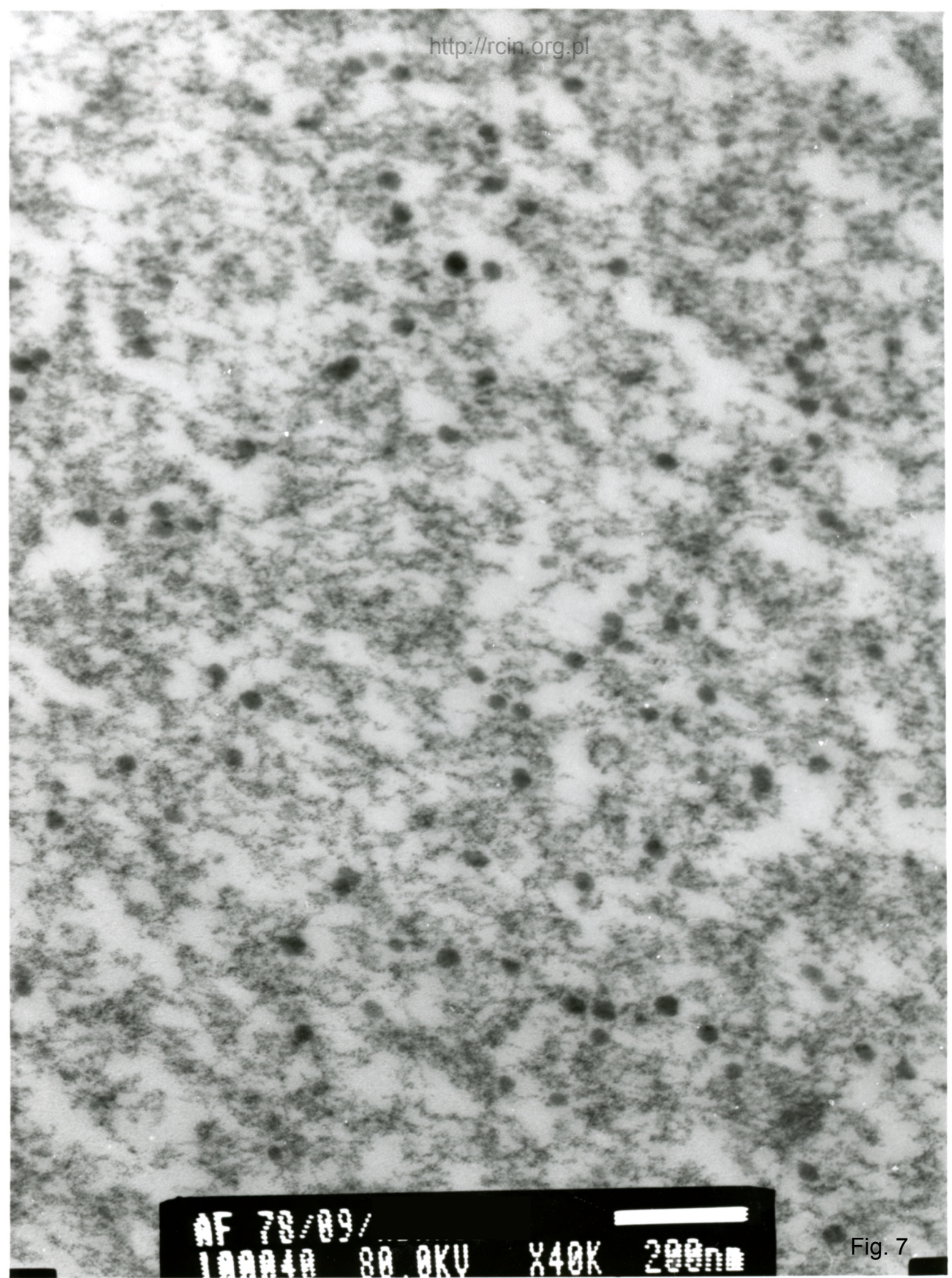
NF 79/09/
100220 80.0KV X10K 500nm

Fig. 5



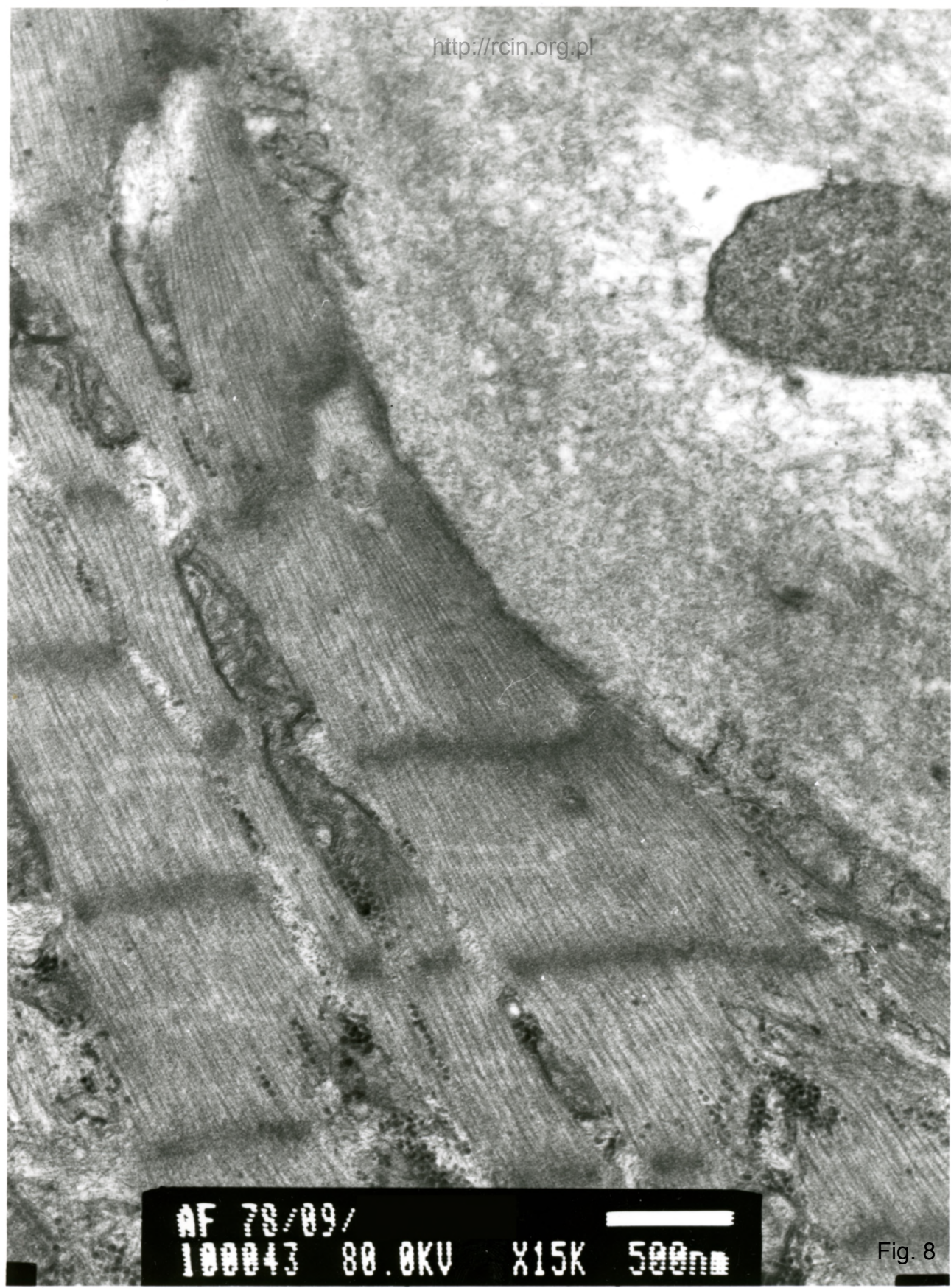
AF 79/09/SERCE
100263 80.0KV X7500

Fig. 6



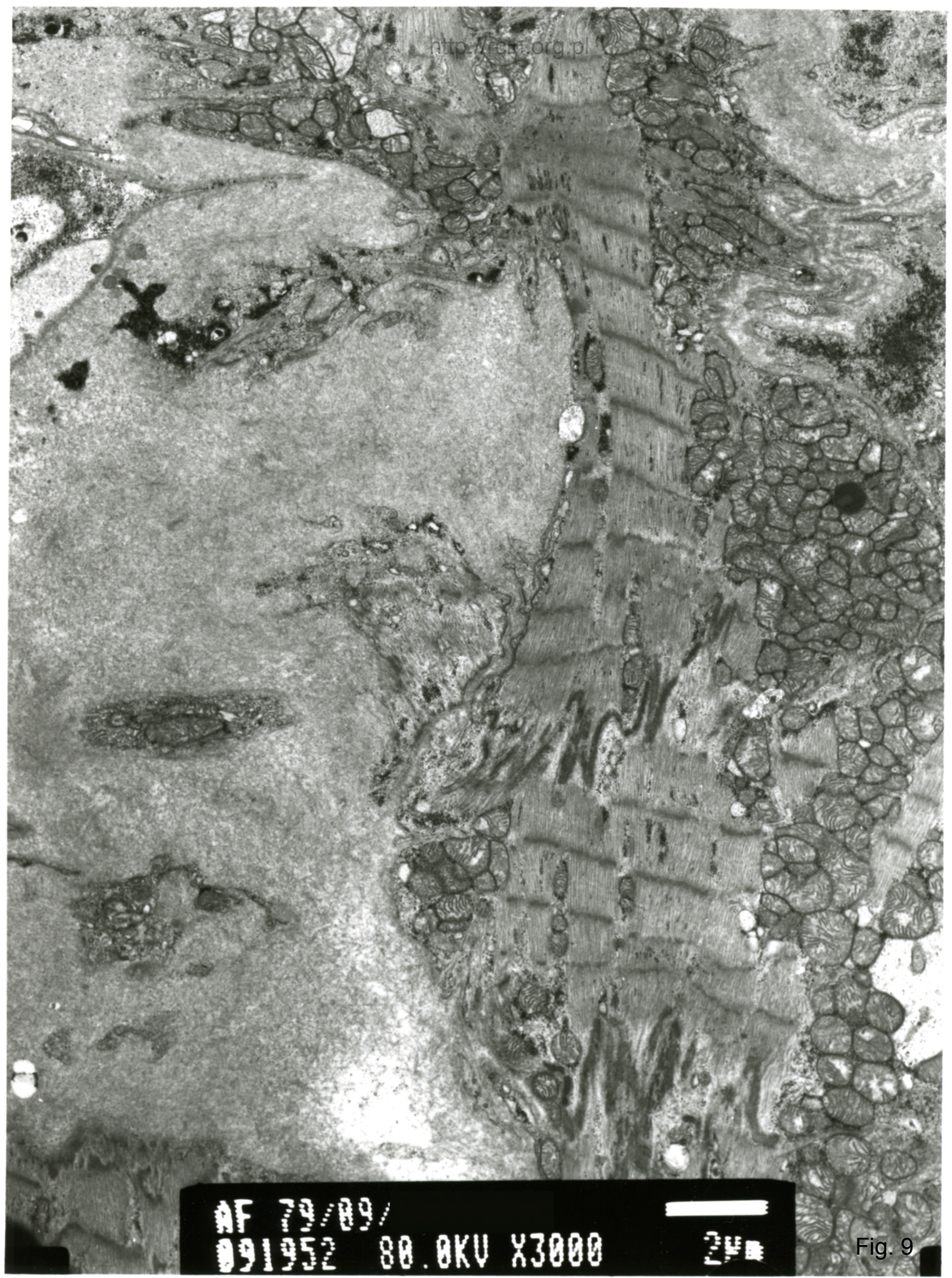
AF 78/89/
100040 80.0KV X40K 200nm

Fig. 7



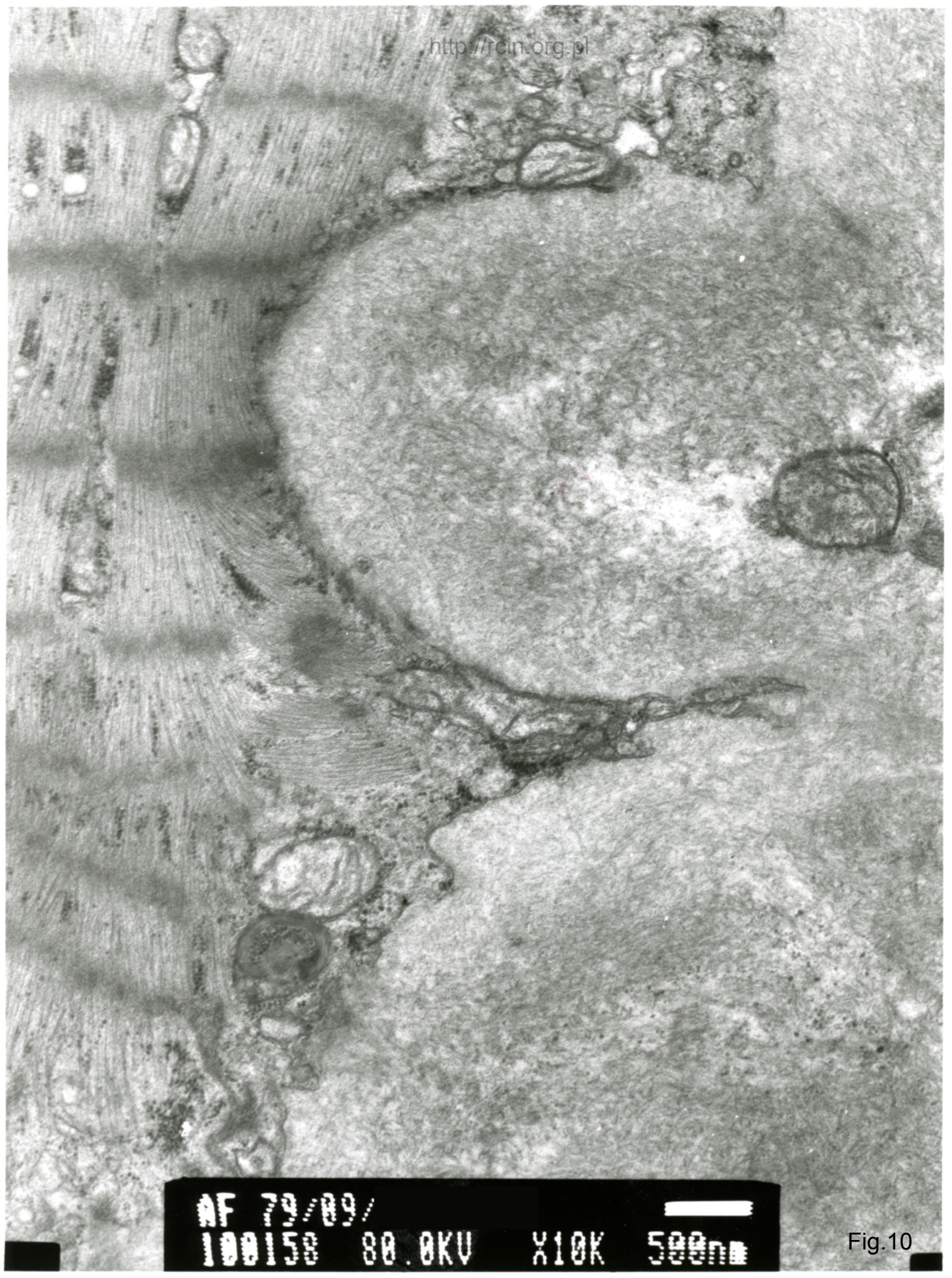
AF 78/09/
100043 80.0KV X15K 500nm

Fig. 8



AF 79/09/
091952 80.0KV X3000 2µm

Fig. 9



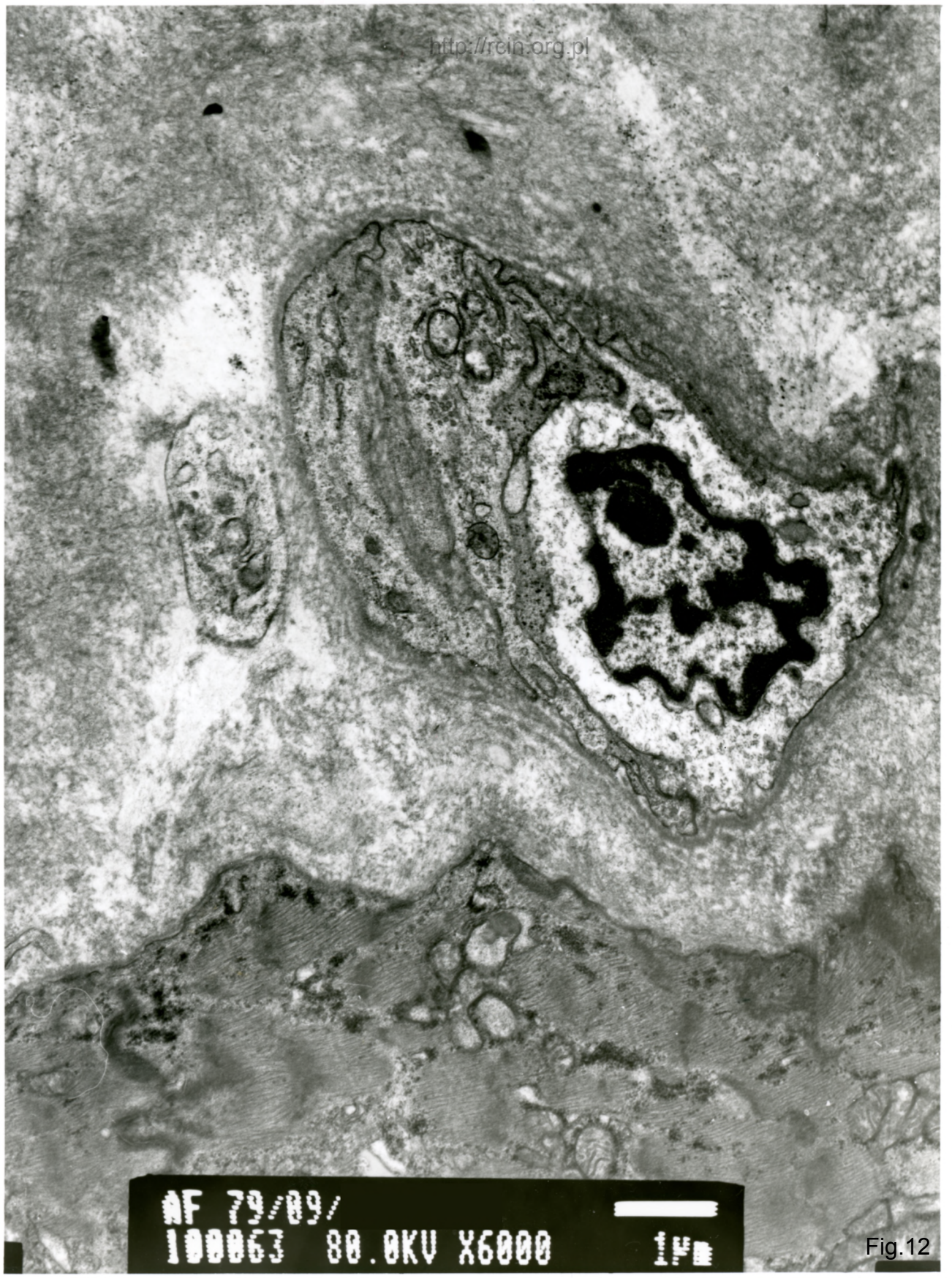
AF 79/89/
100158 80.0KV X10K 500nm

Fig.10

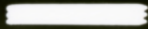


AF 79/09/
091957 80.0KV X3000 24

Fig.11

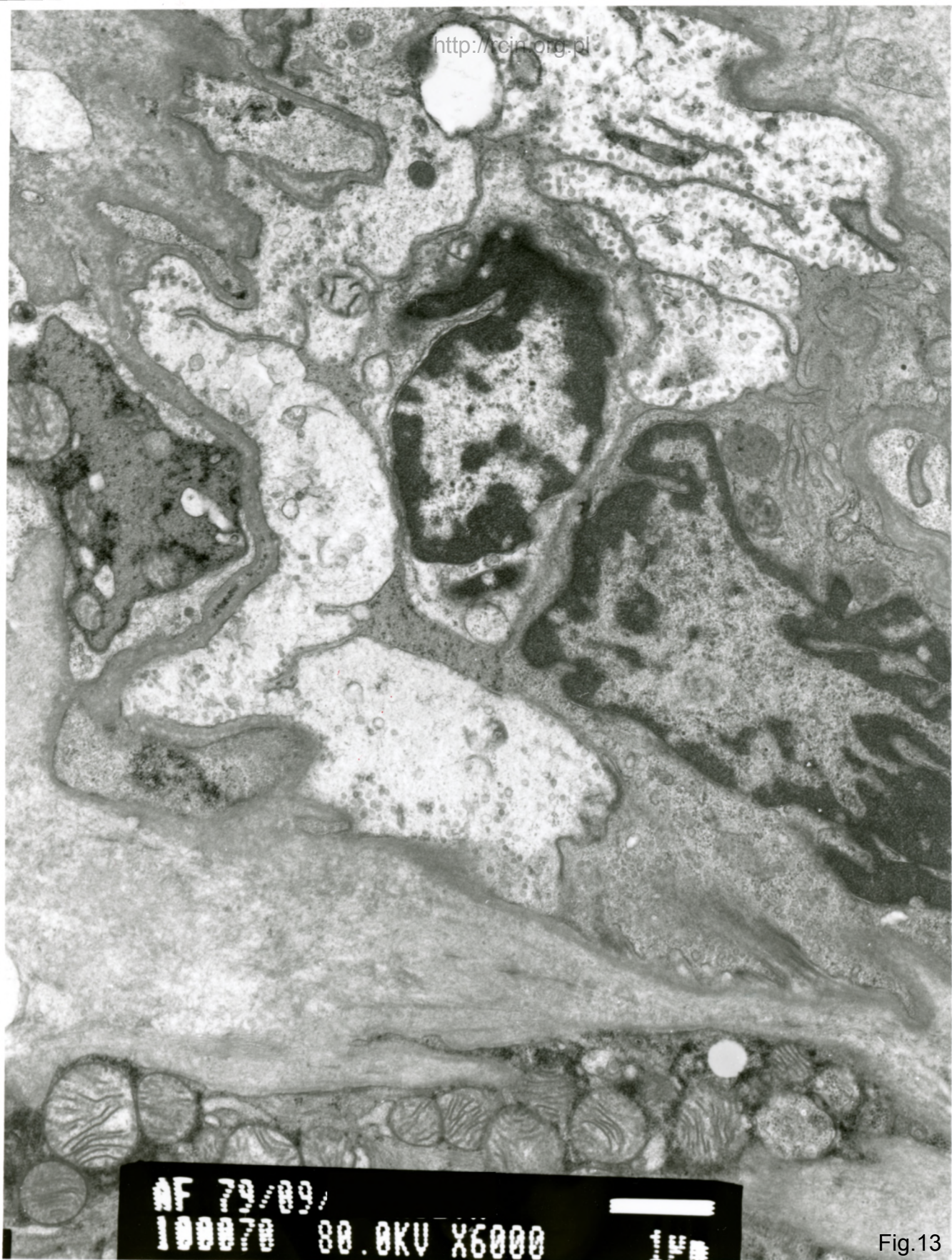


AF 79/89/
100063 80.0KV X6000



1µm

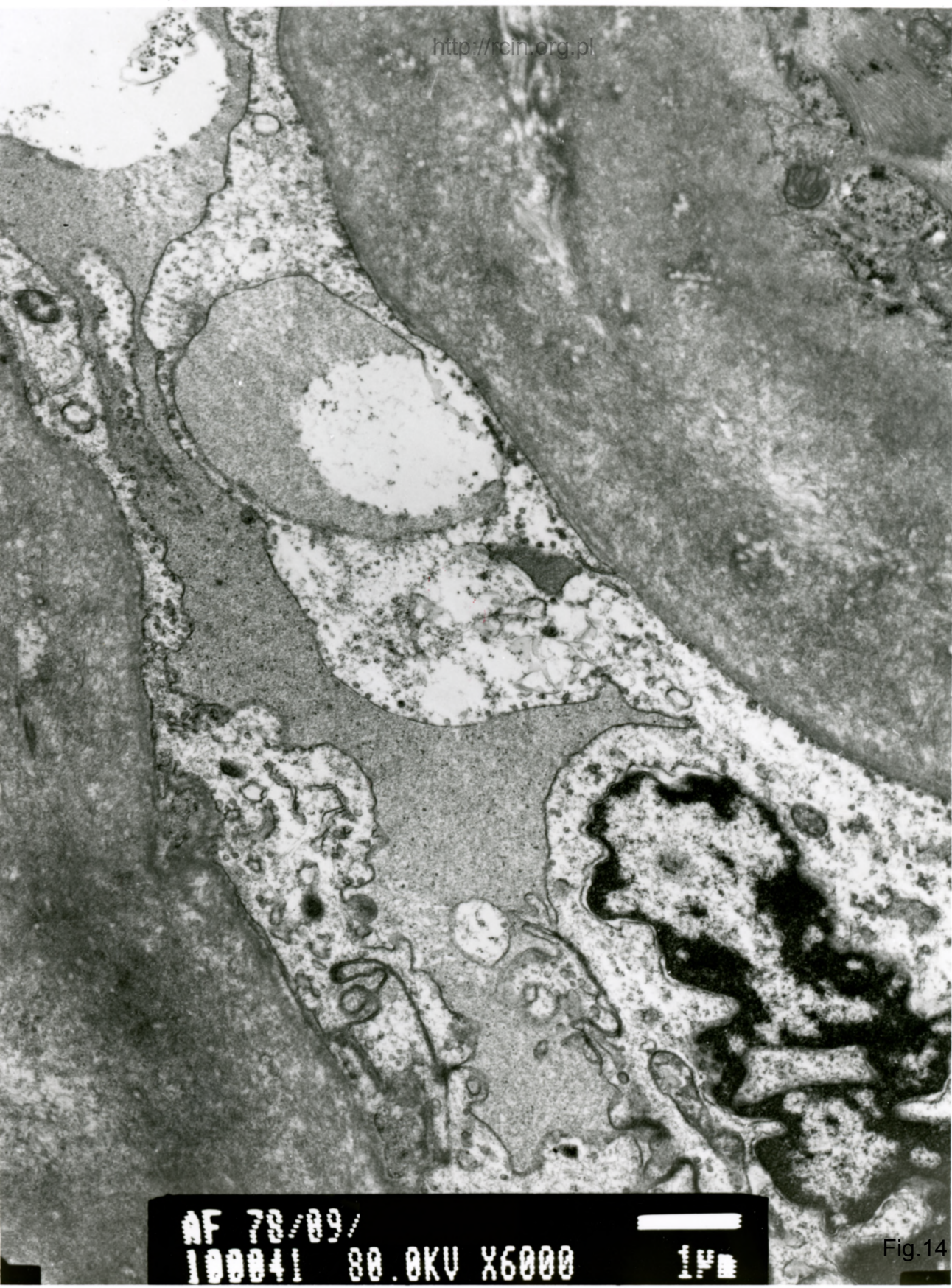
Fig.12



AF 79/09/
100070 80.0KV X6000

1µm

Fig.13



AF 78/09/

100041 80.0KV X6000

1µm

Fig.14

79/09

1. 49

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 śródbłona tych naczyń posiadały jasną osmofilną cytoplazmę i jądra o pośladowanych 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).