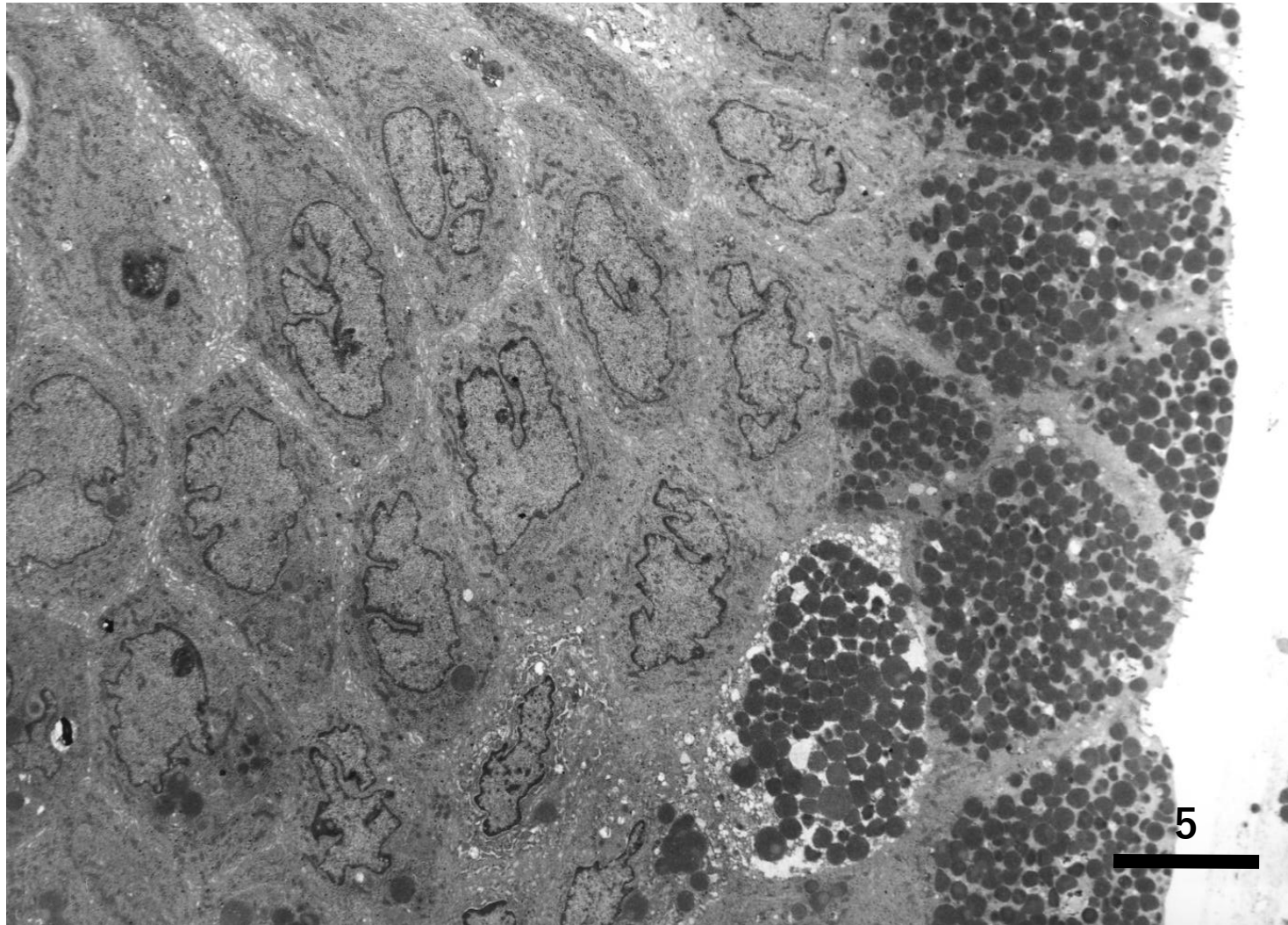


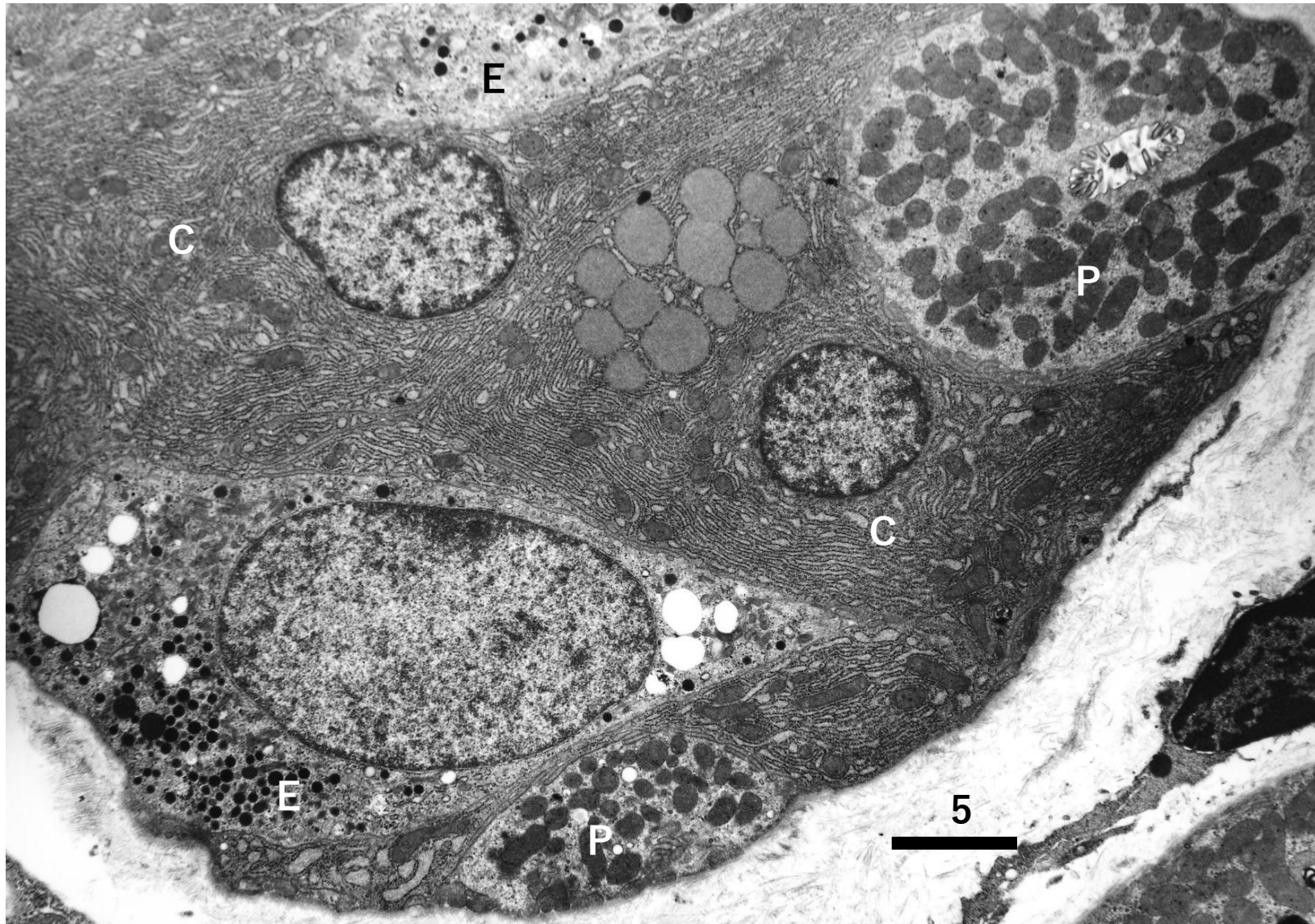
Ultrastructure of the normal gastric mucosal cells

Ultrastructural morphology of the normal components of the gastric mucosa is demonstrated. These include mucous foveolar cells, chief cells, parietal cells, mucous neck cells and endocrine cells.

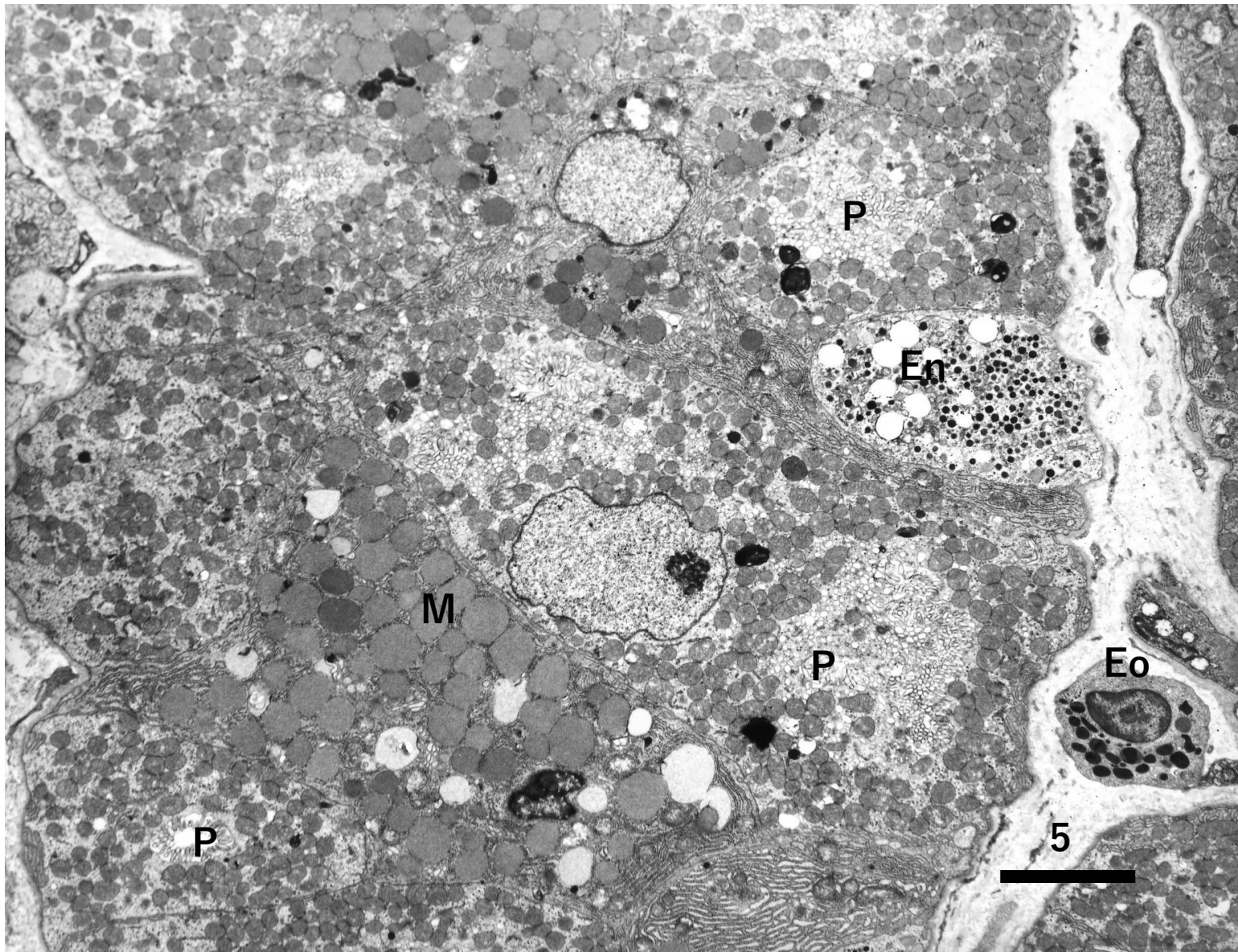
Ref.: Lillibridge CB. The fine structure of normal human gastric mucosa. *Gastroenterology* 1964; 47(3): 269-290. doi: 10.1016/S0016-5085(19)34740-7



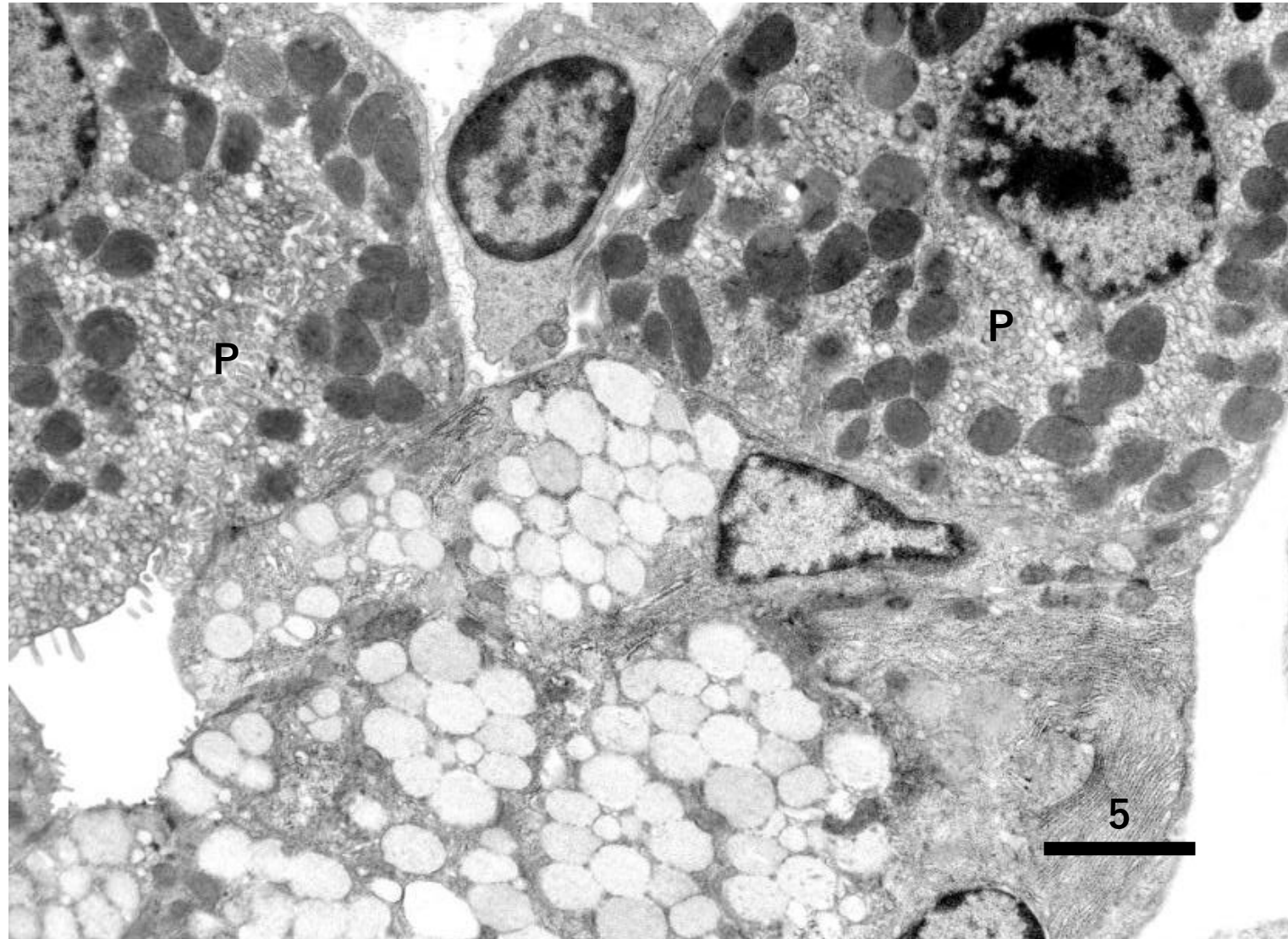
Ultrastructure of normal foveolar cells of the stomach. Electron-dense mucin granules are clustered in the supranuclear cytoplasm. EM-1



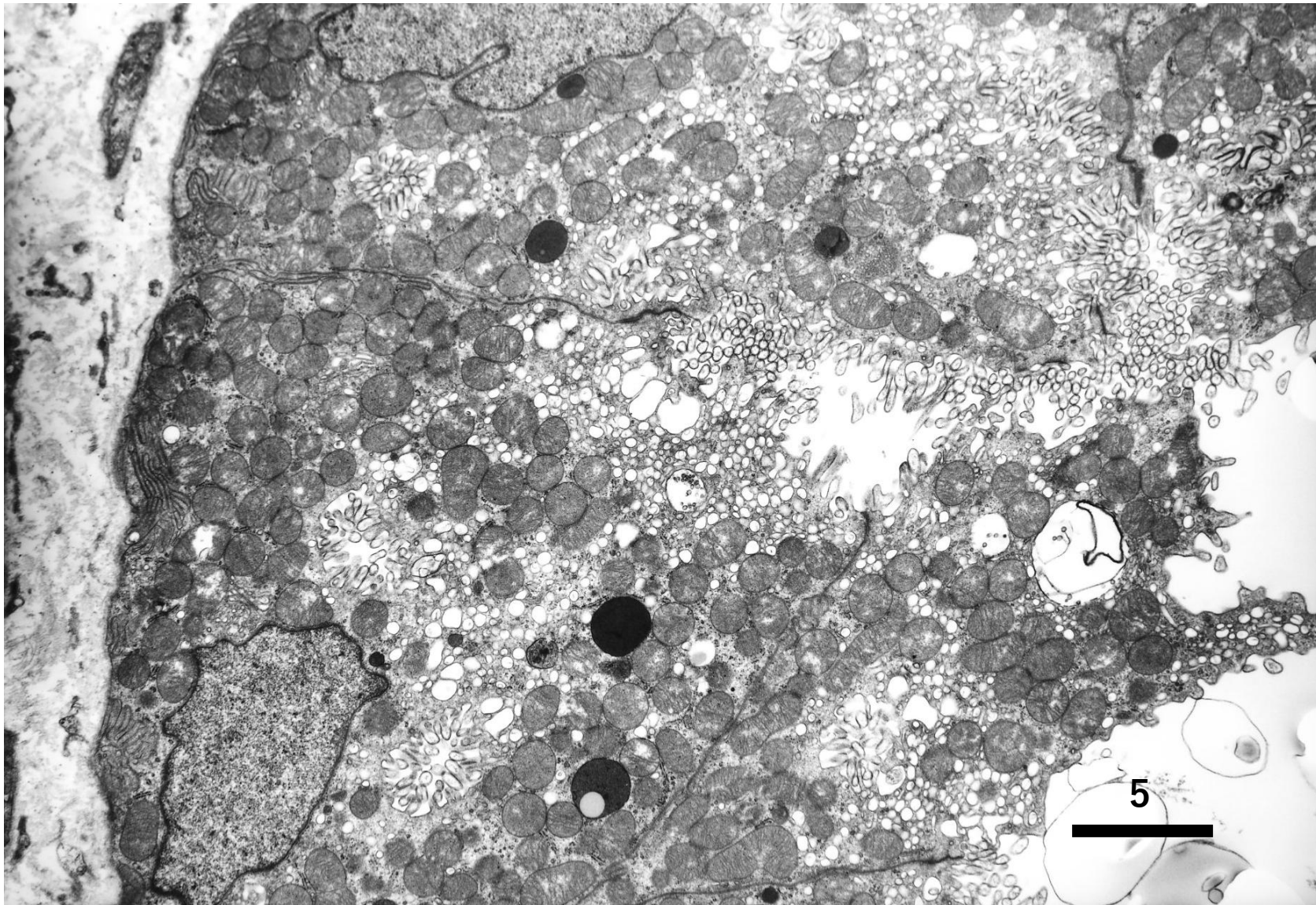
Ultrastructure of normal fundic gland of the stomach. **C**: chief cell rich in rough endoplasmic reticula and large-sized exocrine granules, **E**: endocrine cell containing small neurosecretory granules, **P**: parietal cell rich in mitochondria. EM-2



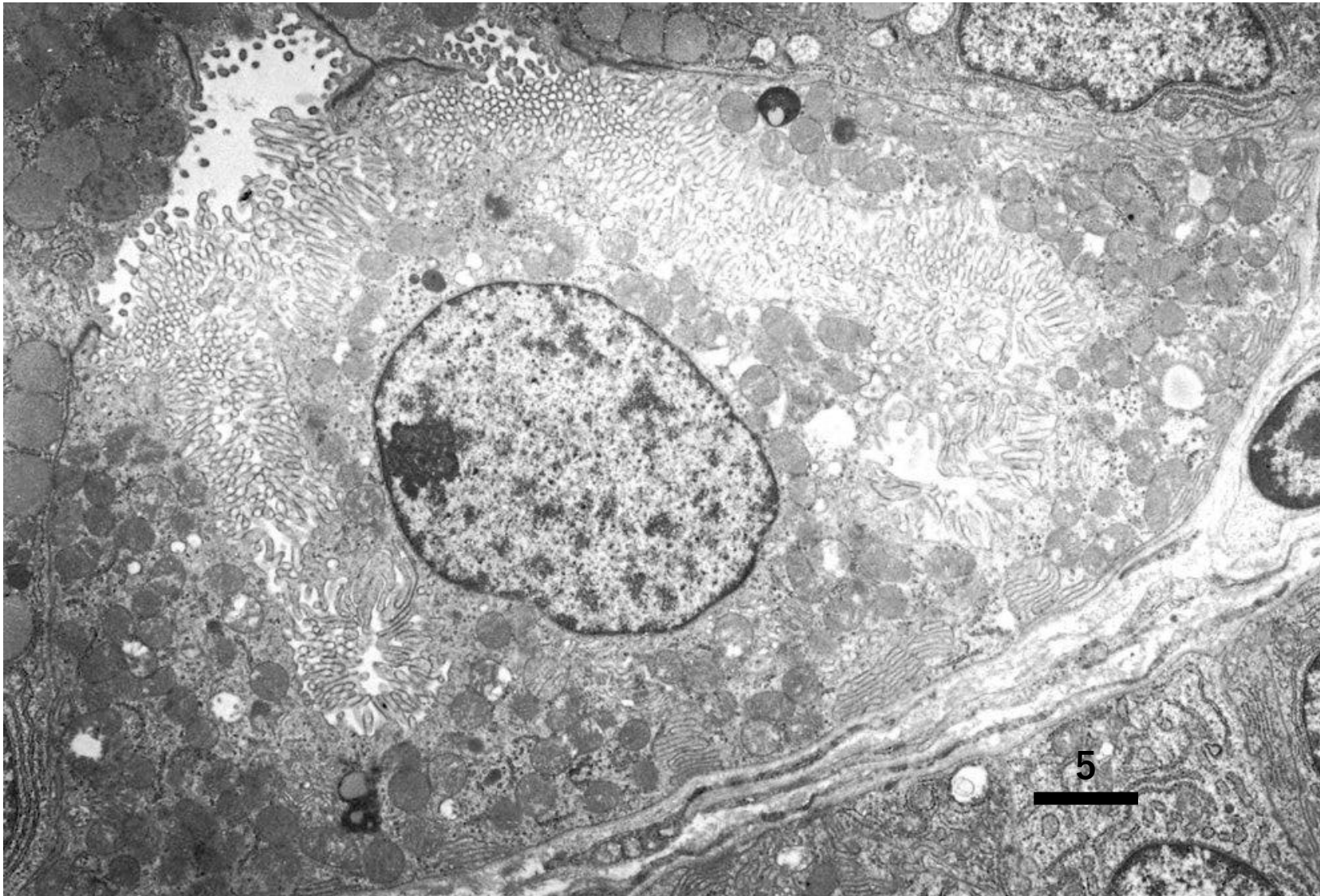
Ultrastructure of normal fundic gland of the stomach. **En**: endocrine cell containing small neurosecretory granules, **Eo**: eosinophil with electron-dense granules in the stroma, **M**: mucous neck cell rich in electron-lucent mucin granules, **P**: parietal cell rich in mitochondria. EM-3



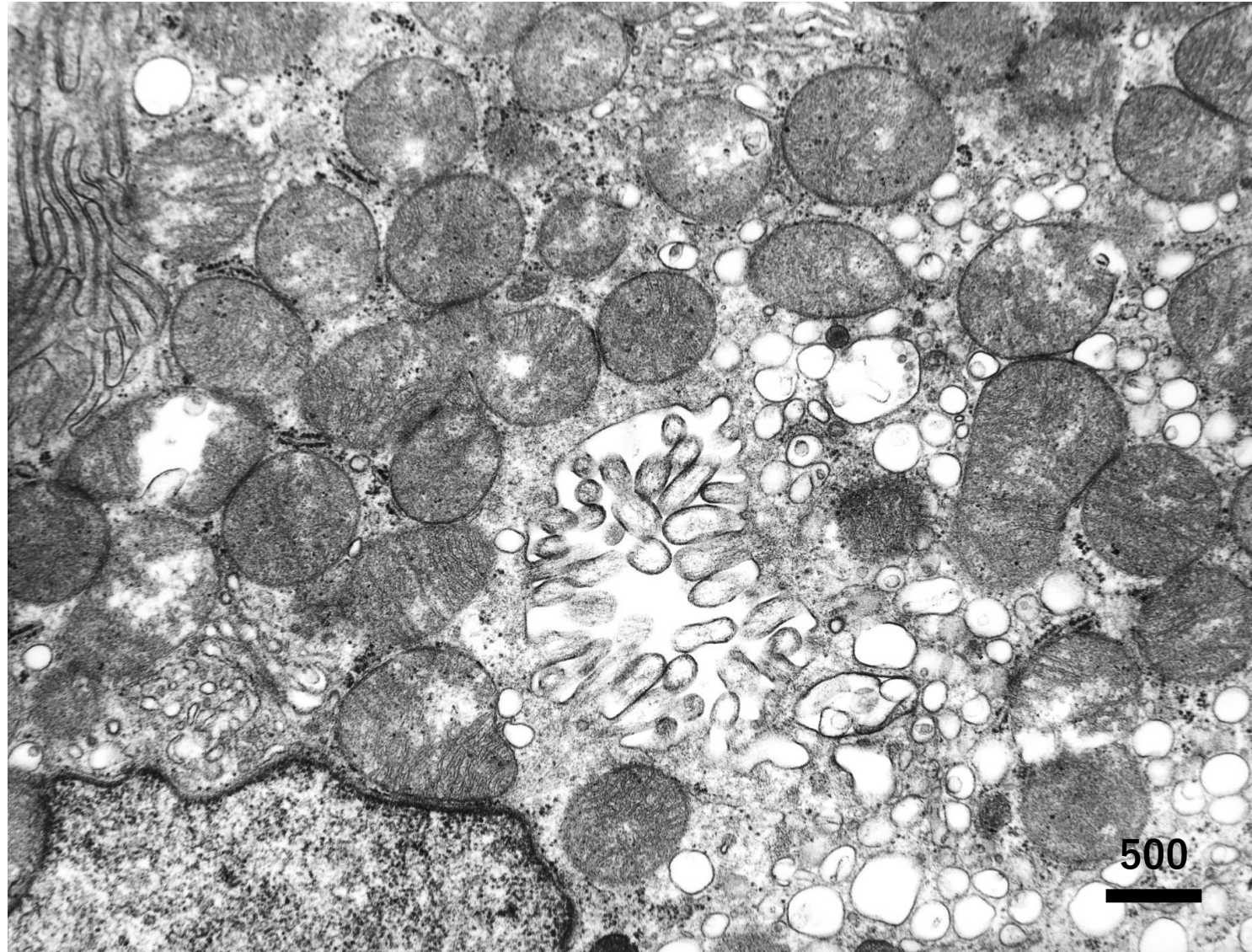
Ultrastructure of normal mucous neck cells of the stomach. Electron-lucent mucin granules are filled in the cytoplasm of the mucous neck cells. Two mitochondria-rich parietal cells (P) are seen in the upper part. EM-4



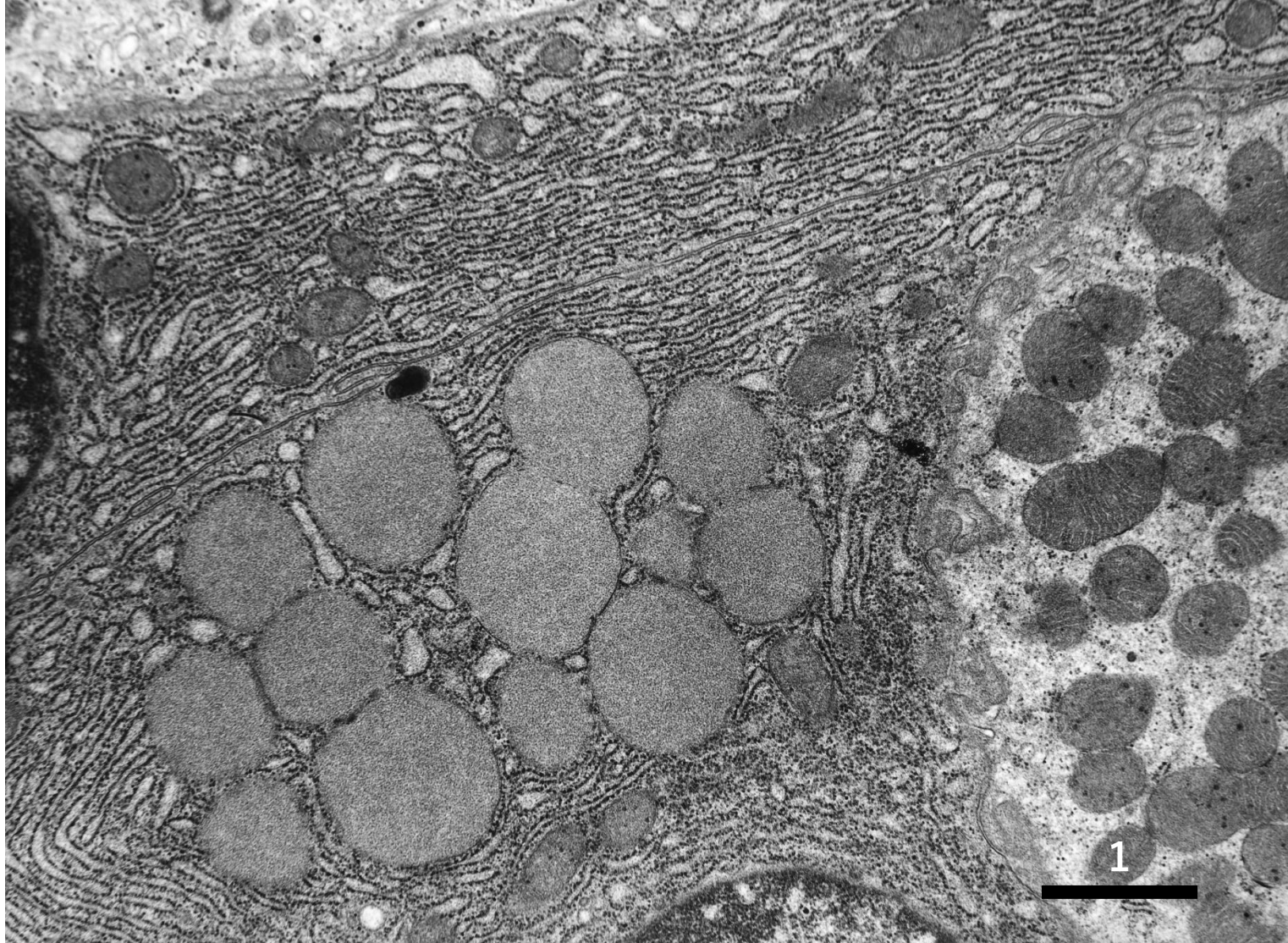
Ultrastructure of a normal parietal cell of the stomach. Microvillous secretory canaliculi are richly surrounded by mitochondria. EM-5



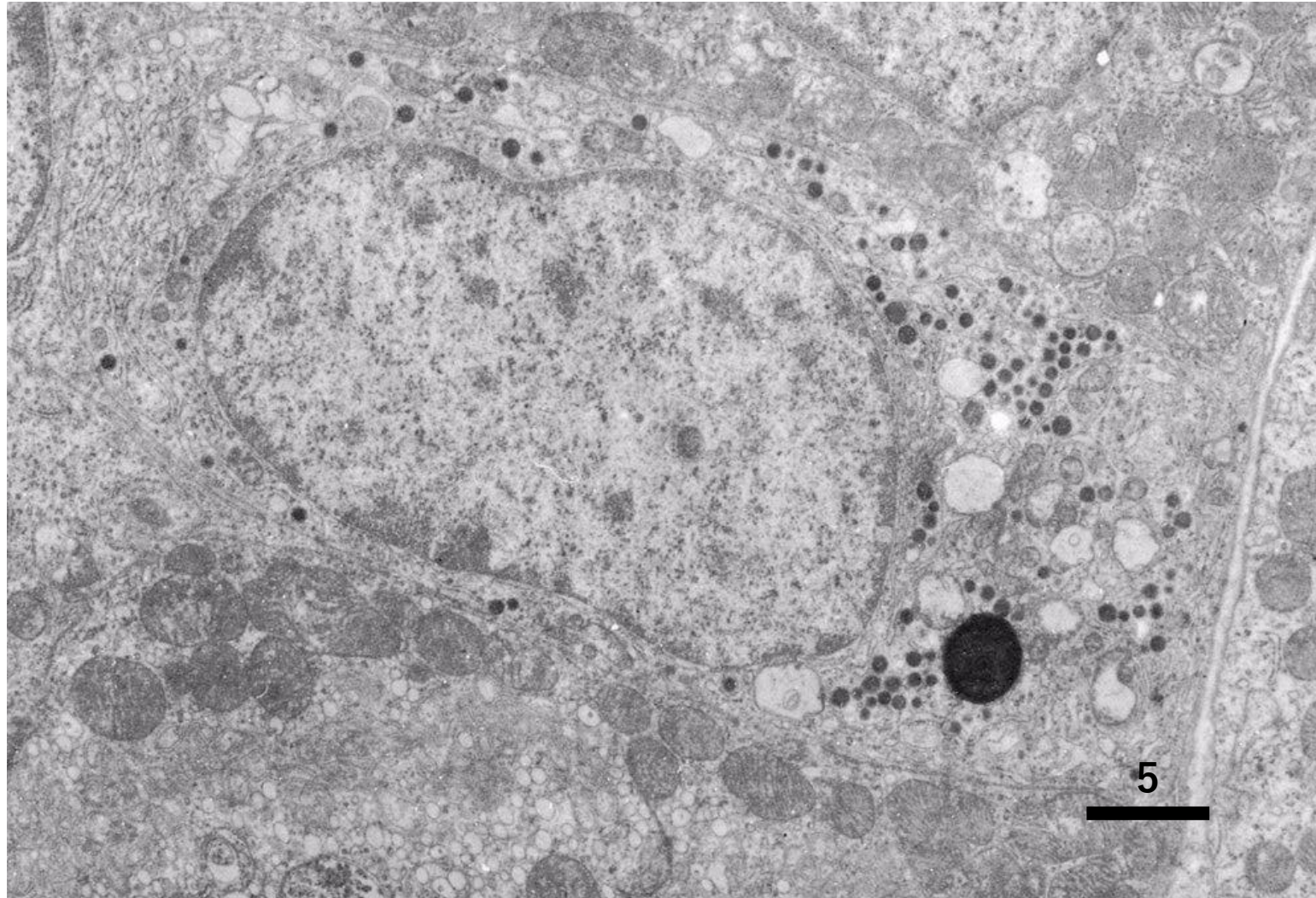
Ultrastructure of a normal parietal cell of the stomach. C-shaped microvillous secretory canaliculi are richly surrounded by mitochondria. EM-6



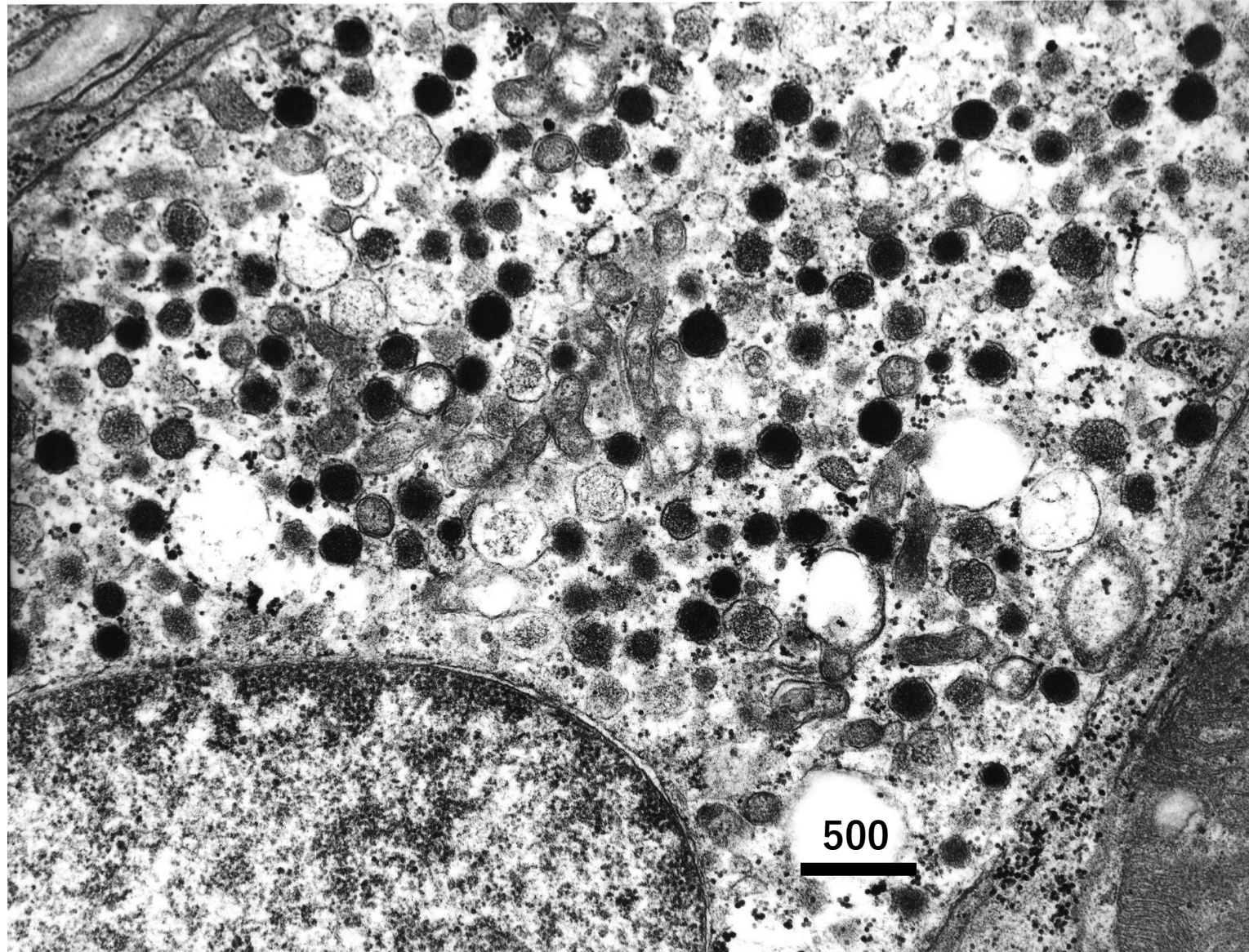
Ultrastructure of a normal parietal cell of the stomach. Microvillous secretory canaliculi are richly surrounded by small vesicles and mitochondria. EM-7



Ultrastructure of a normal chief cell of the stomach. The pepsinogen-secreting chief cell is rich in rough endoplasmic reticula and large-sized exocrine granules are clustered. A parietal cell plentiful of mitochondria is seen in the right. EM-8



Ultrastructure of a normal endocrine cell in the fundic gland. Small-sized neuroendocrine granules are mainly seen in the infranuclear cytoplasm. It is surrounded by parietal cells plentiful of mitochondria. EM-9



Ultrastructure of a normal endocrine cell in the fundic gland. Small-sized cored neuroendocrine granules are seen in the infranuclear cytoplasm. EM-10