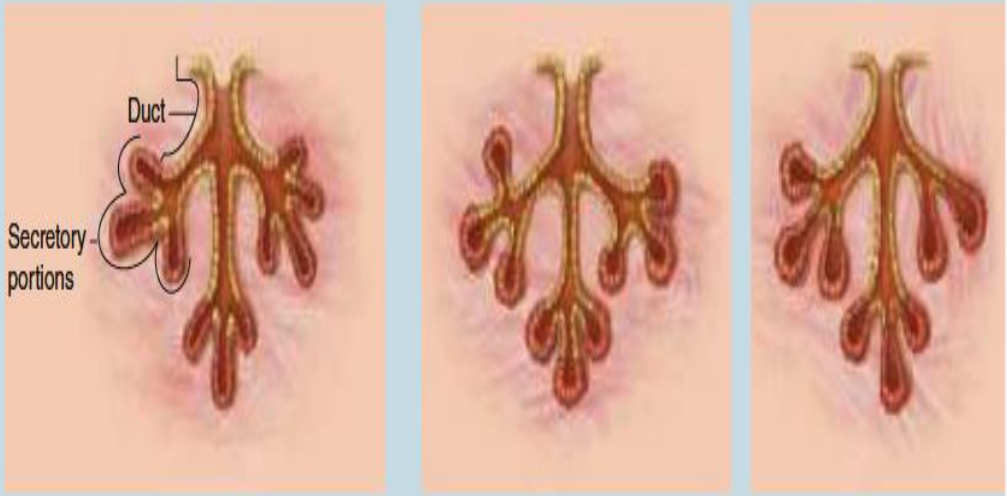
GLANDS

CLASSIFICATION OF GLANDS

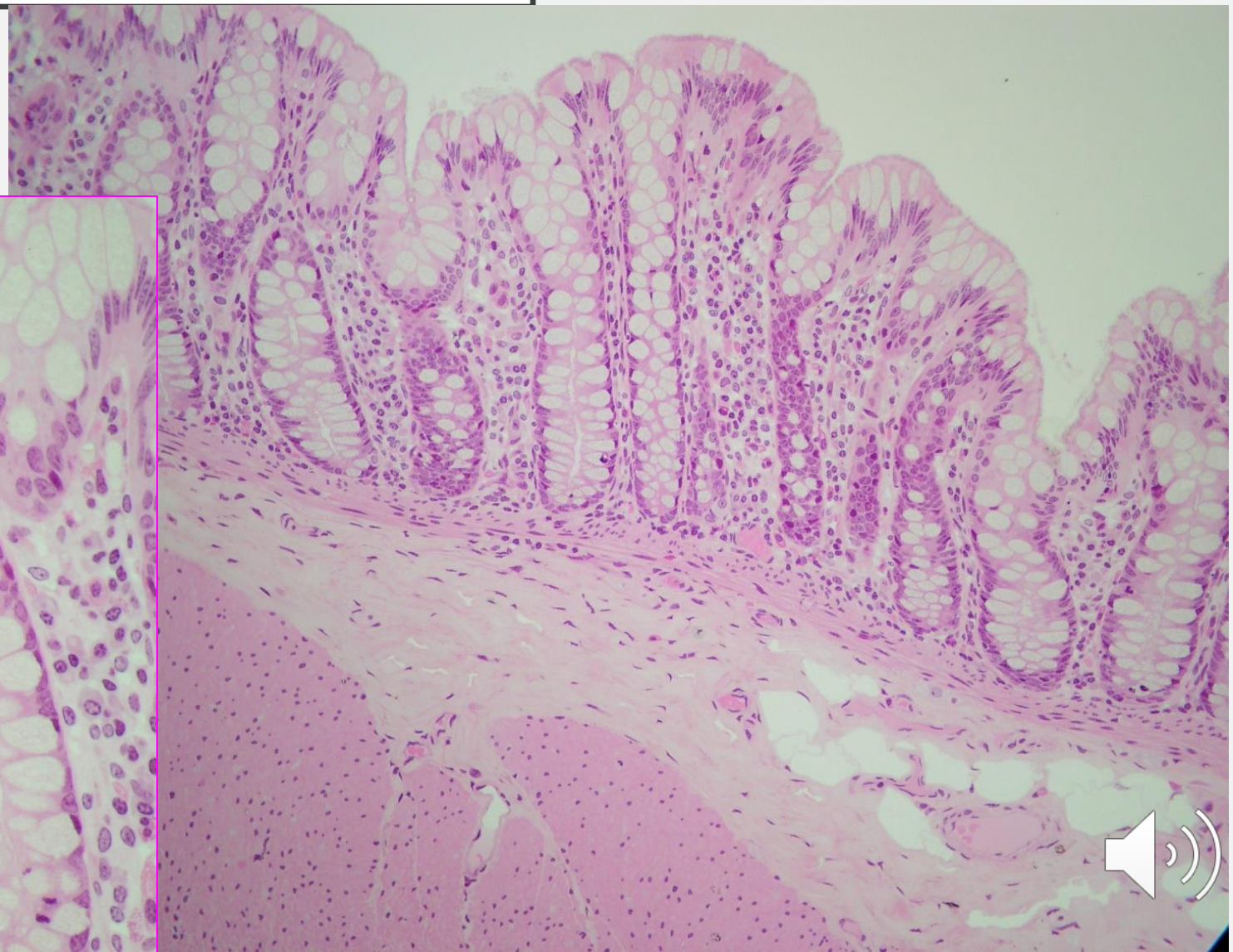
SIMPLE Glands (Ducts Do Not Branch)

Class	Simple Tubular	Branched Tubular	Coiled Tubular	Acinar (or Alveolar)	Branched Acinar
Features	Elongated secretory portion; duct usually short or absent	Several long secretory parts joining to drain into 1 duct	Secretory portion is very long and coiled	Rounded, saclike secretory portion	Multiple saclike secretory parts entering the same duct
Examples	Mucous glands of colon; intestinal glands or crypts (of Lieberkühn)	Glands in the uterus and stomach	Sweat glands	Small mucous glands along the urethra	Sebaceous glands of the skin

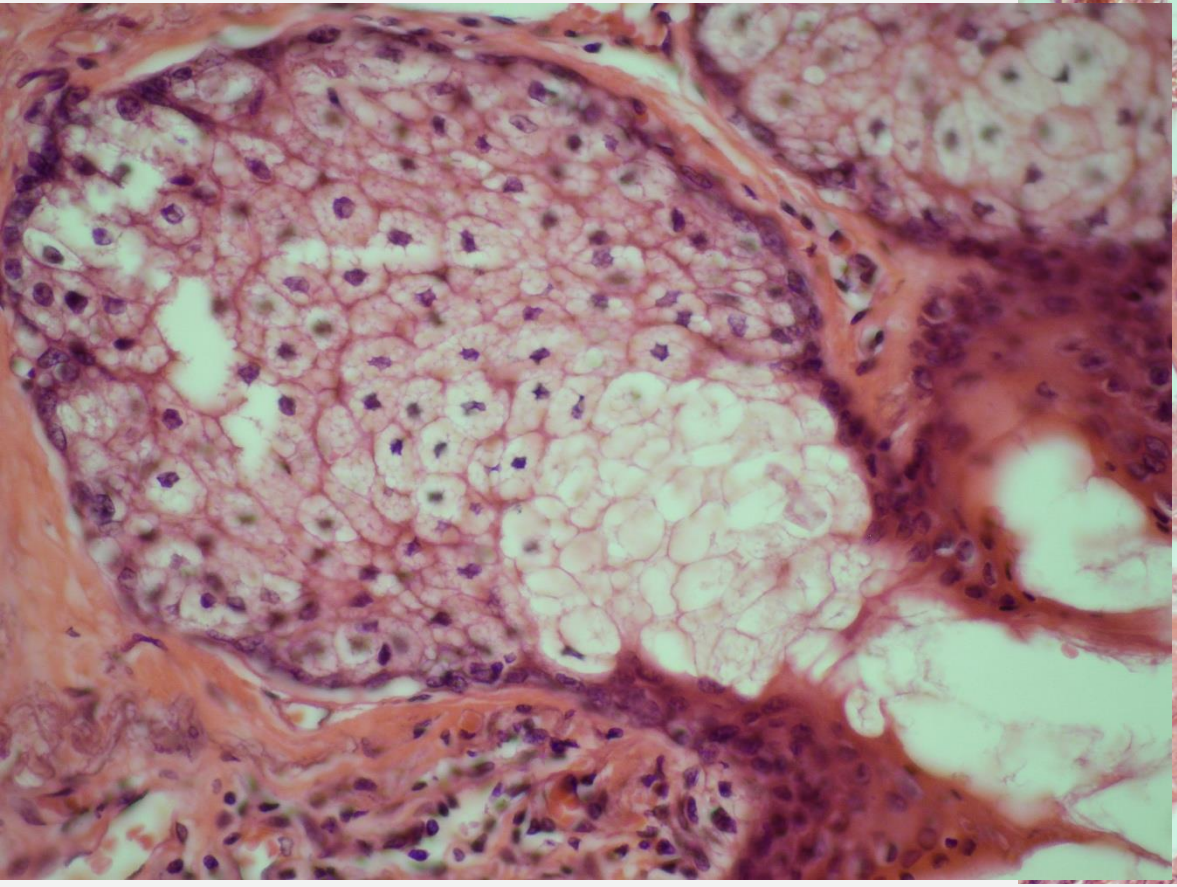
COMPOUND Glands (Ducts from Several Secretory Units Converge into Larger Ducts)

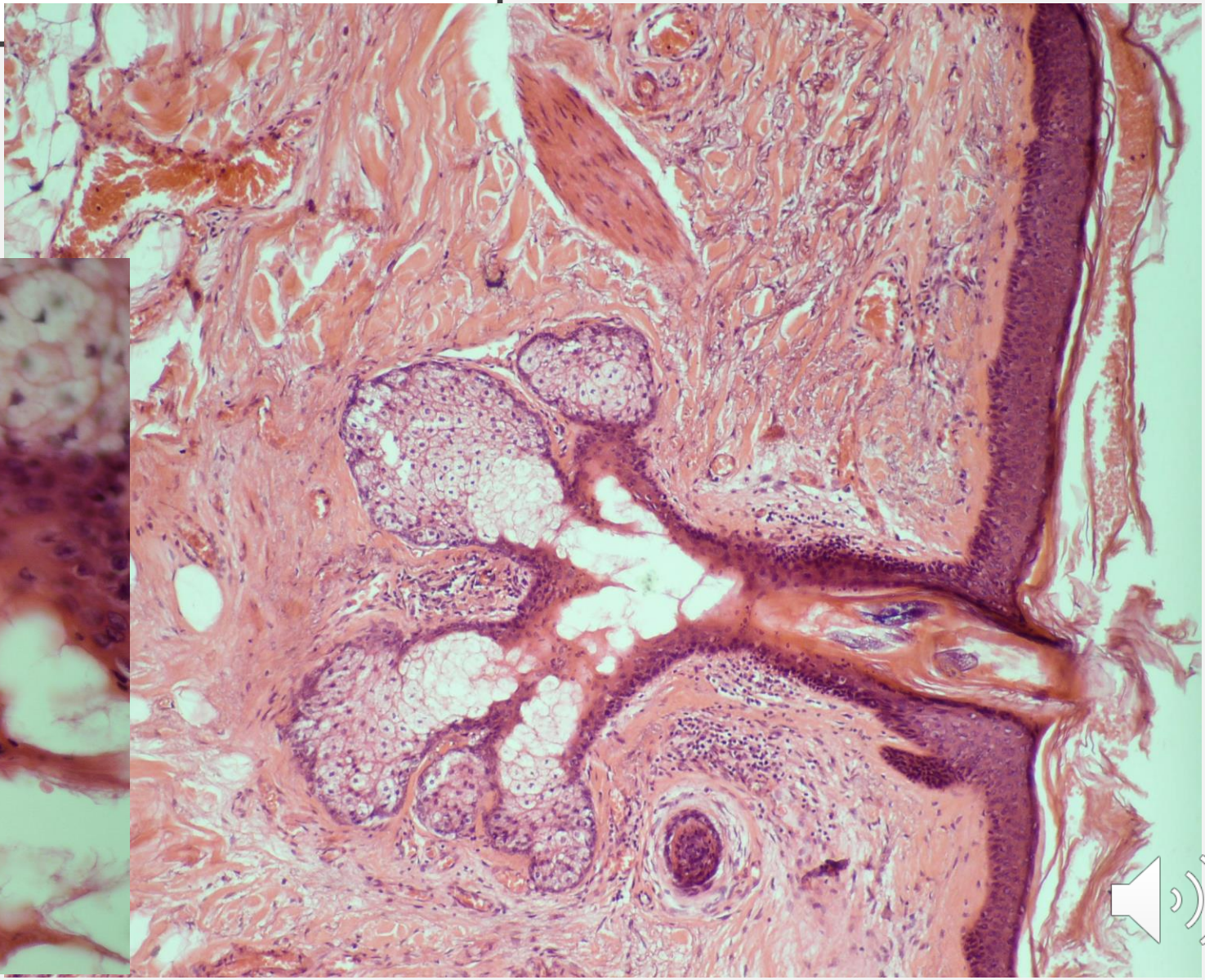
Class	Tubular	Acinar (Alveolar)	Tubuloacinar
			
Features	Several *elongated* coiled secretory units and their ducts converge to form larger ducts	Several *saclike* secretory units with small ducts converge at a larger duct	Ducts of both tubular and acinar secretory units converge at larger ducts
Examples	Submucosal mucous glands (of Brunner) in the duodenum	Exocrine pancreas	Salivary glands

SIMPLE TUBULAR GLAND

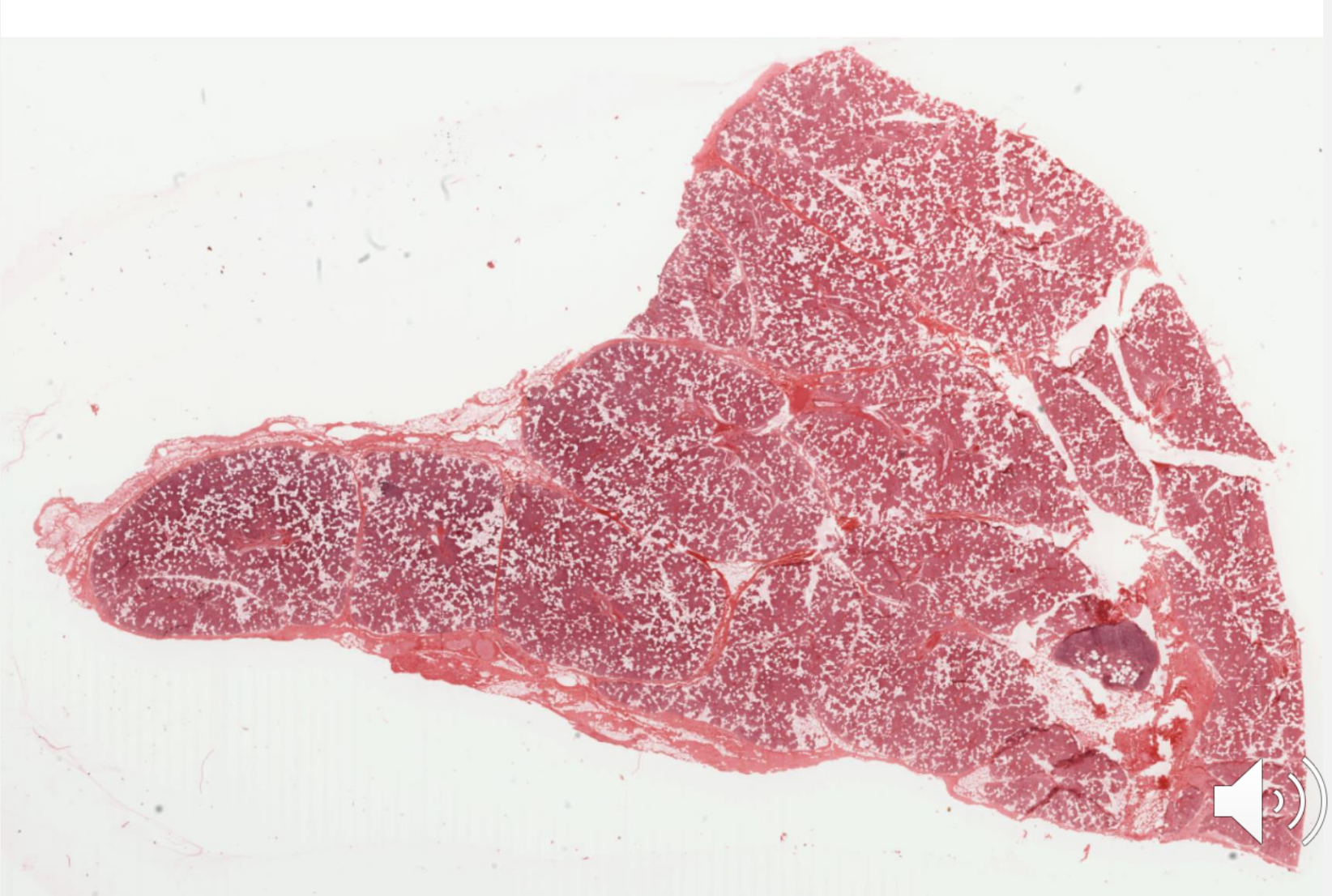


SEBACEOUS GLAND-HOLOCRINE

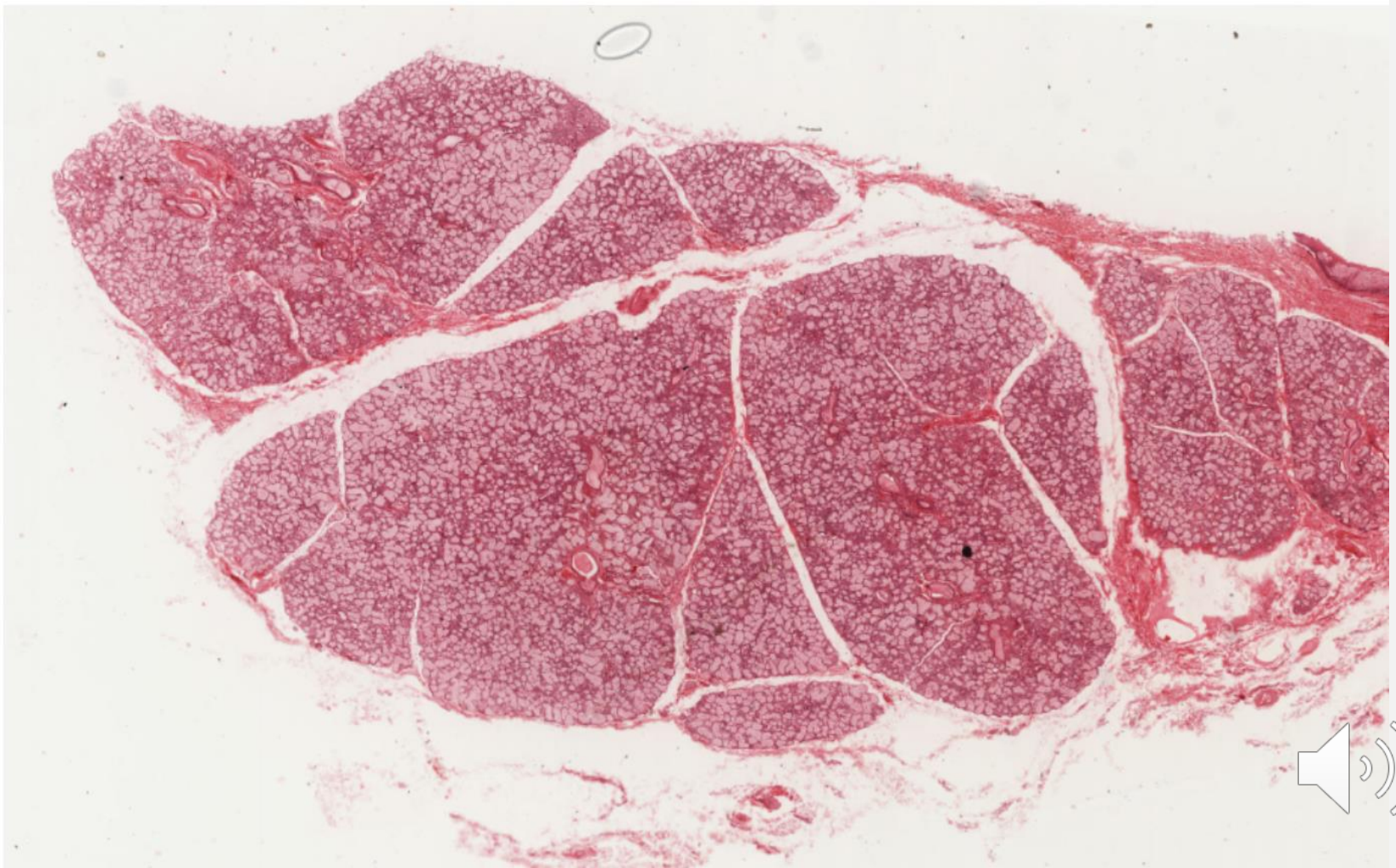




PAROTID GLAND



SUBLINGUAL GLAND



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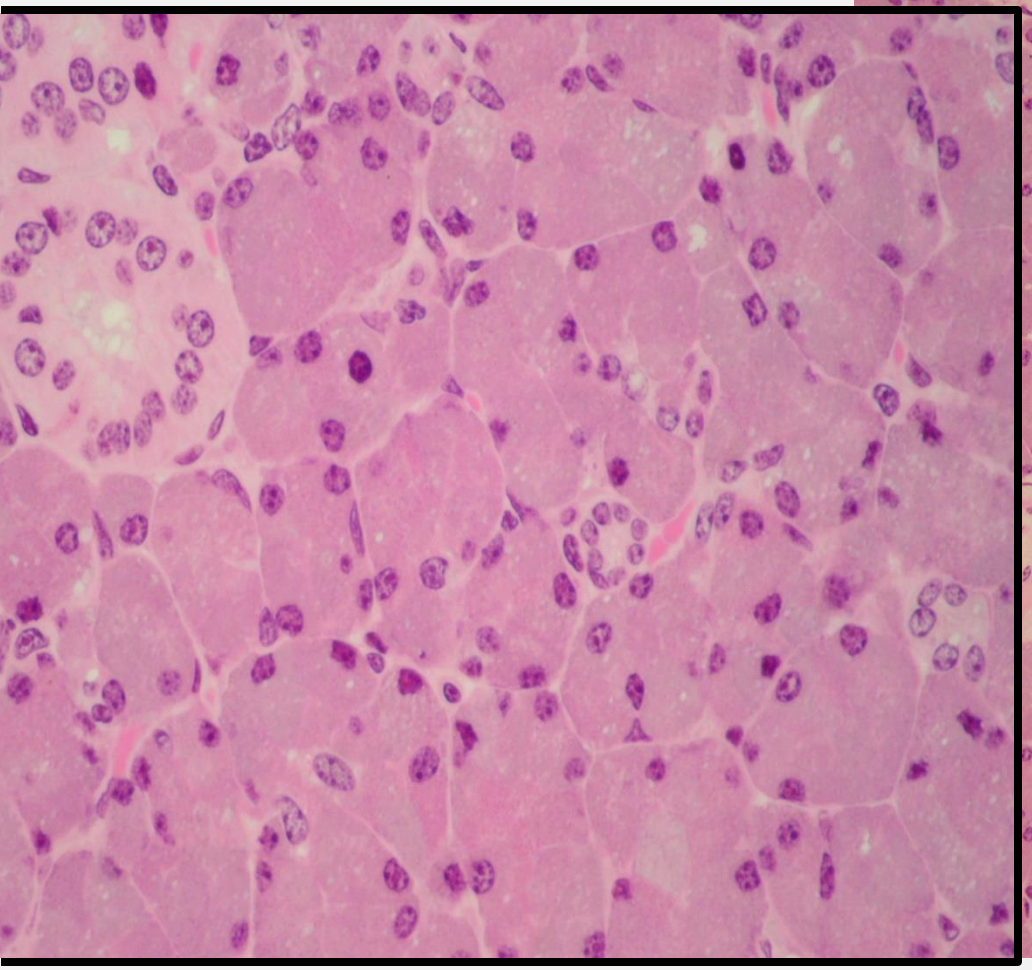
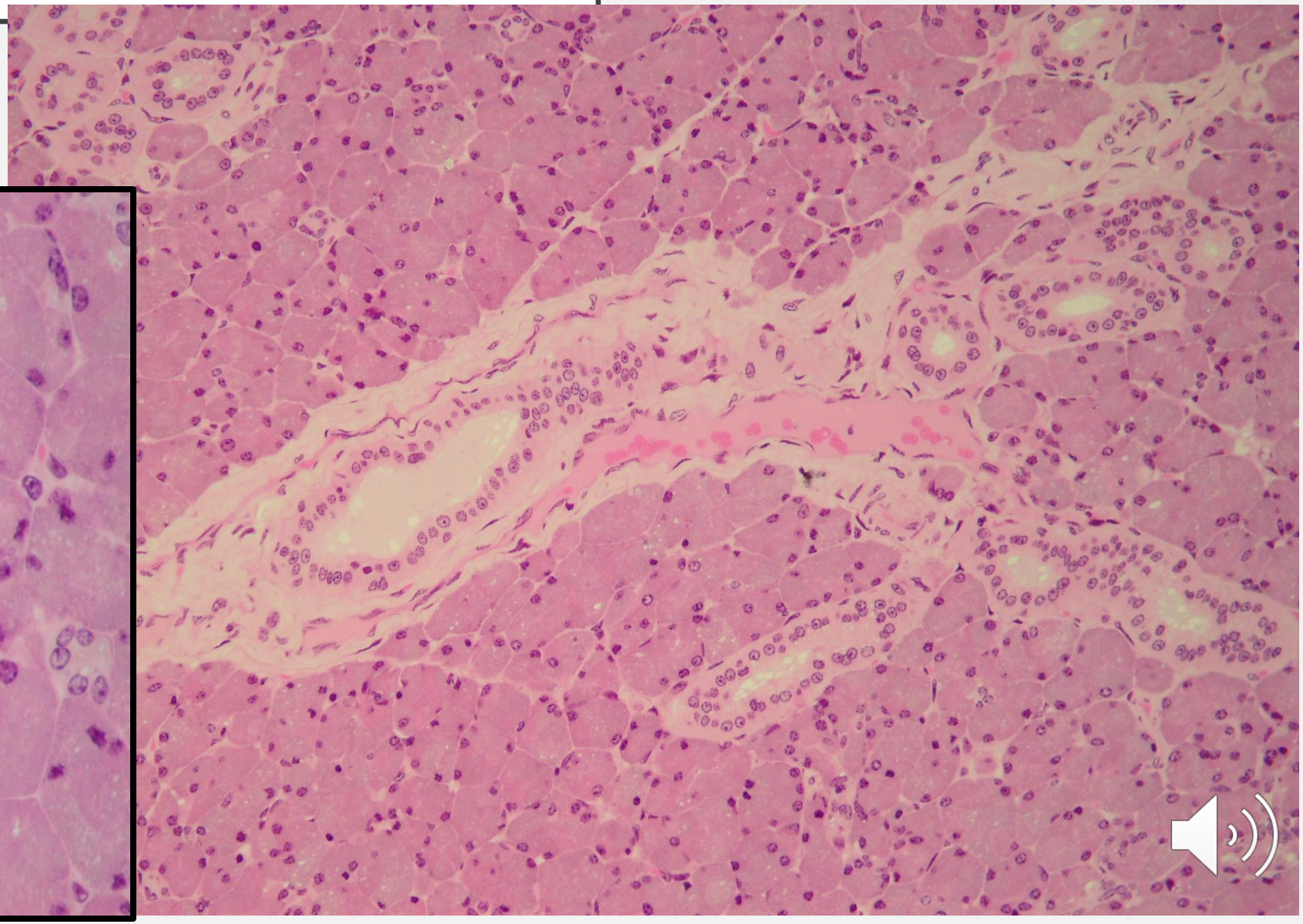
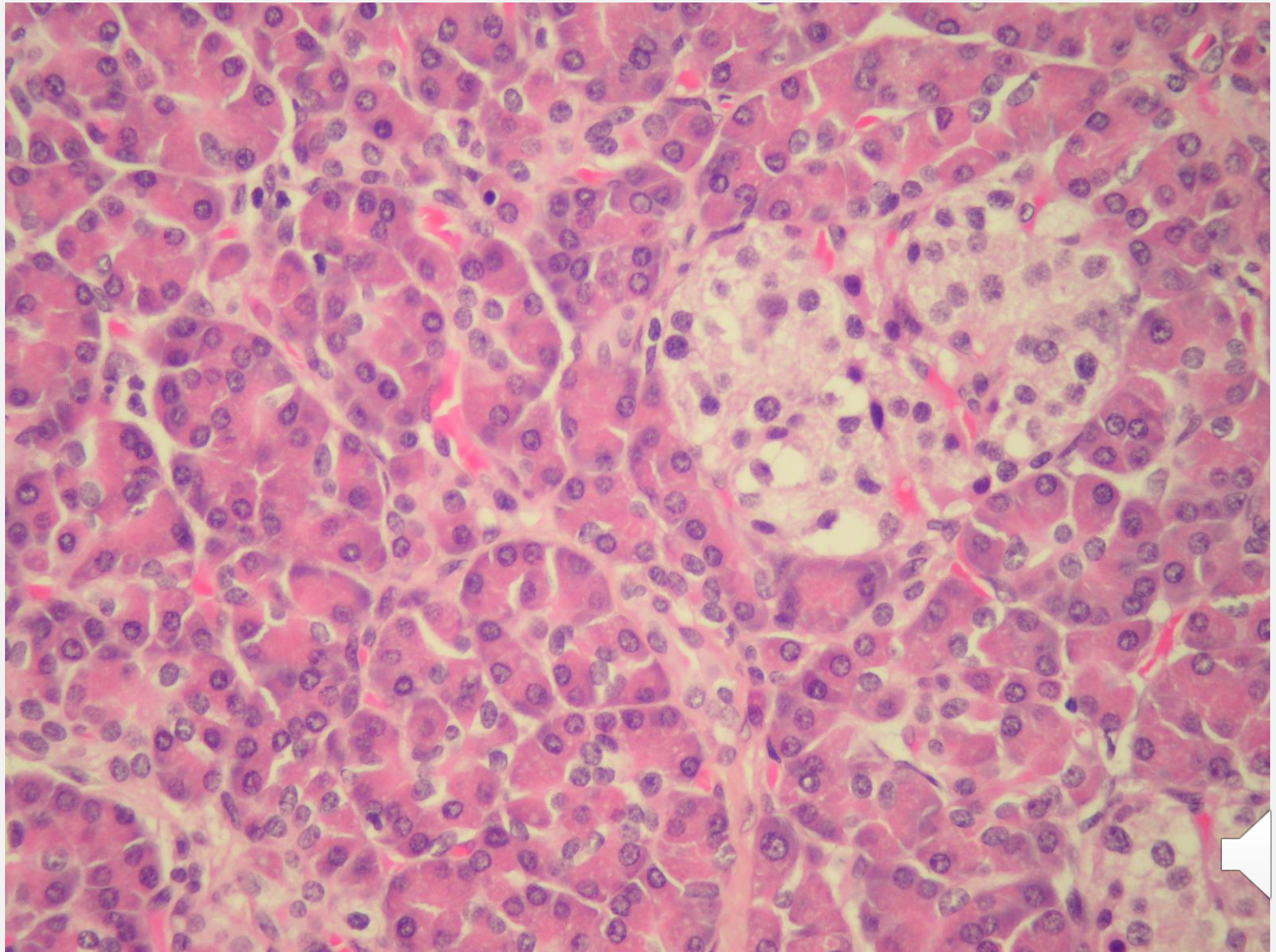
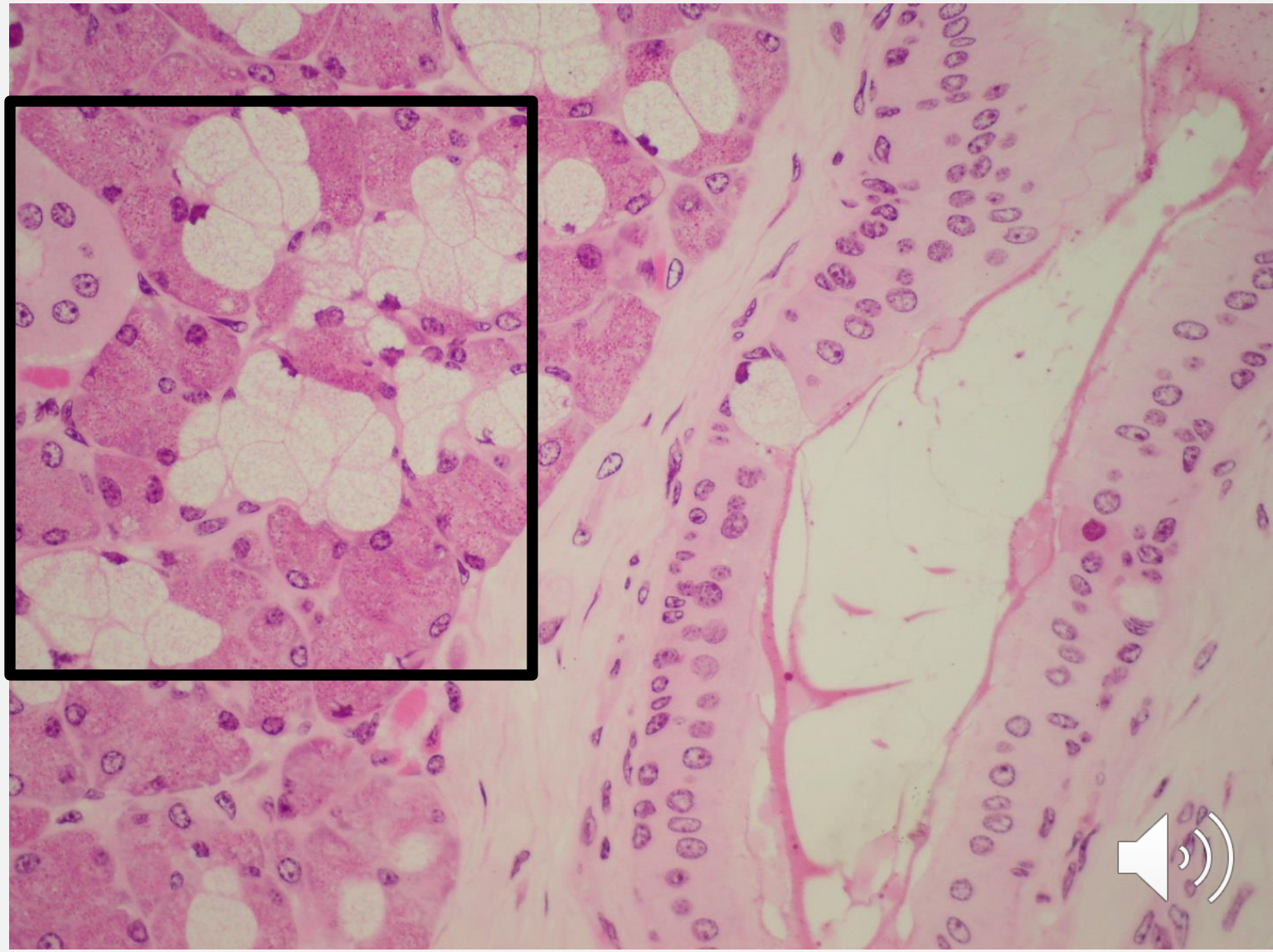




PANCREAS



COMPOUND TUBULOALVEOLAR



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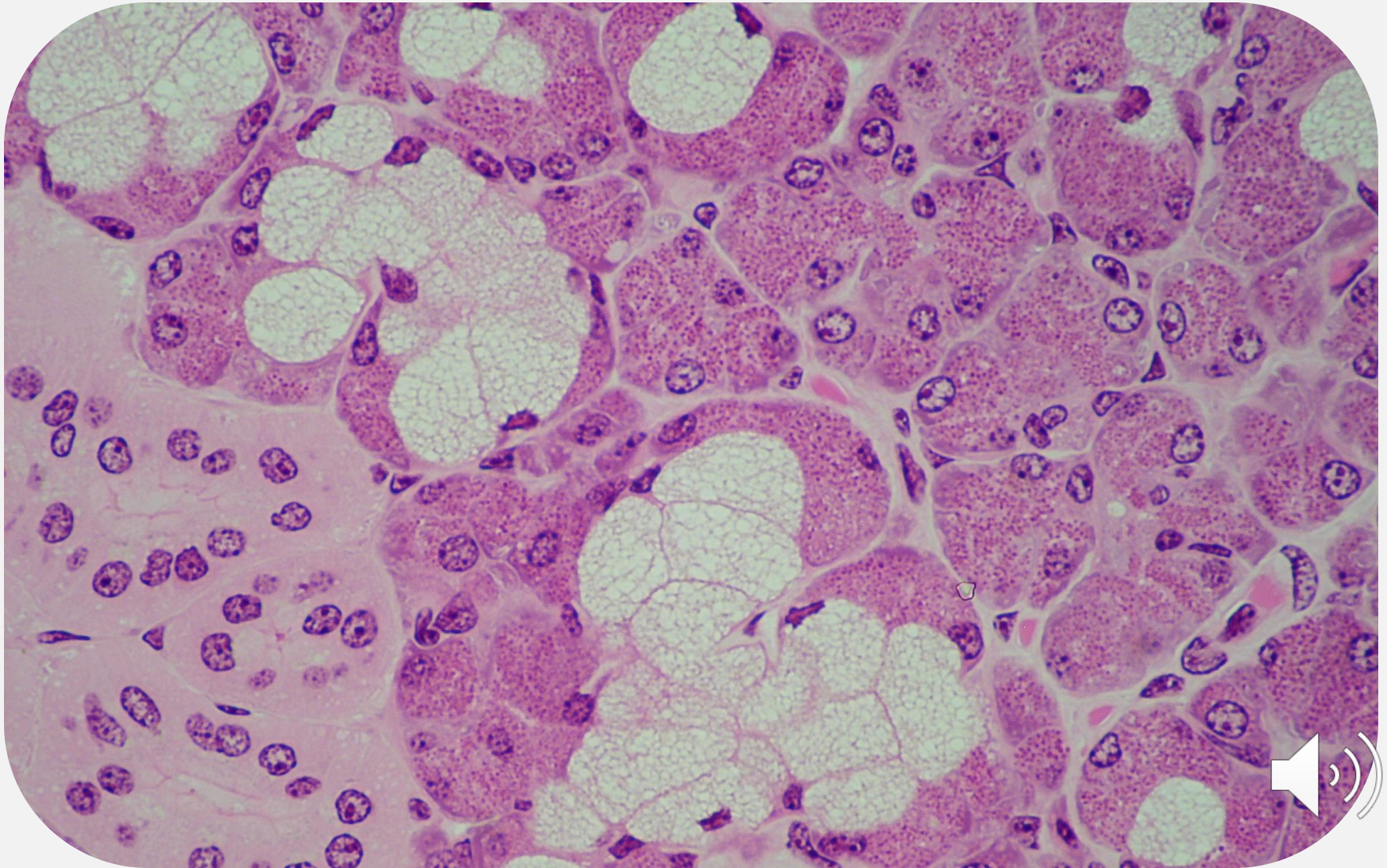
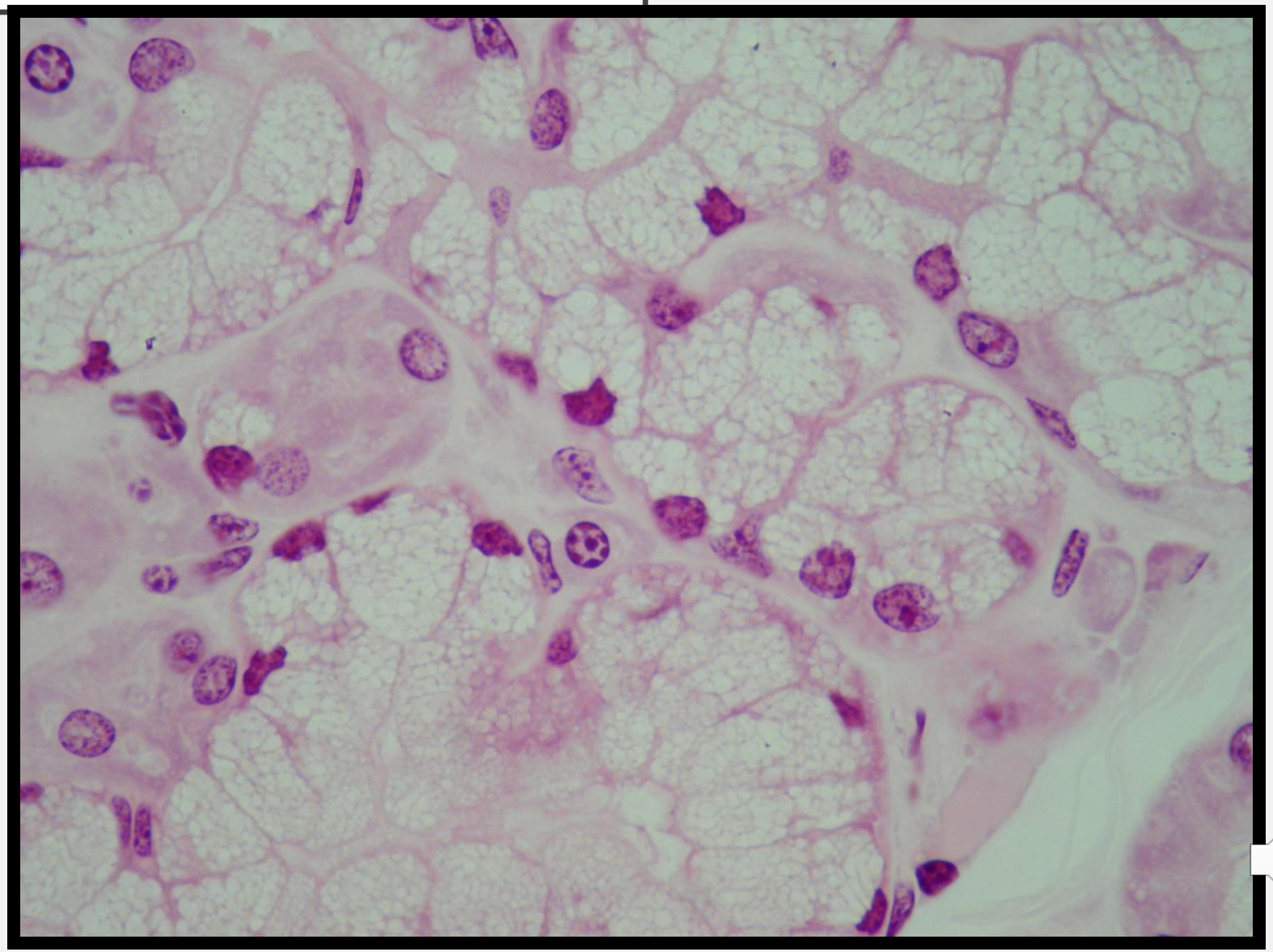
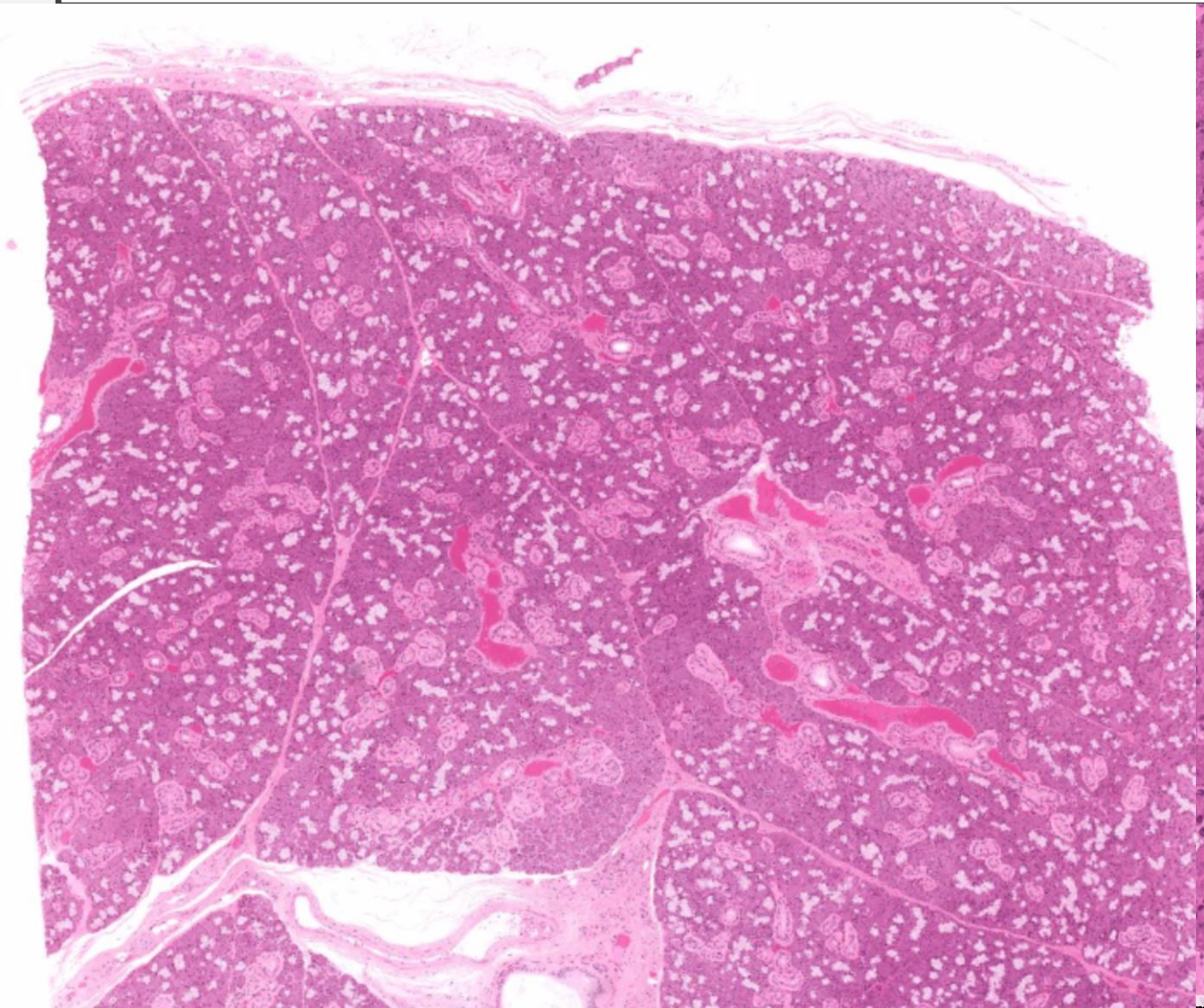
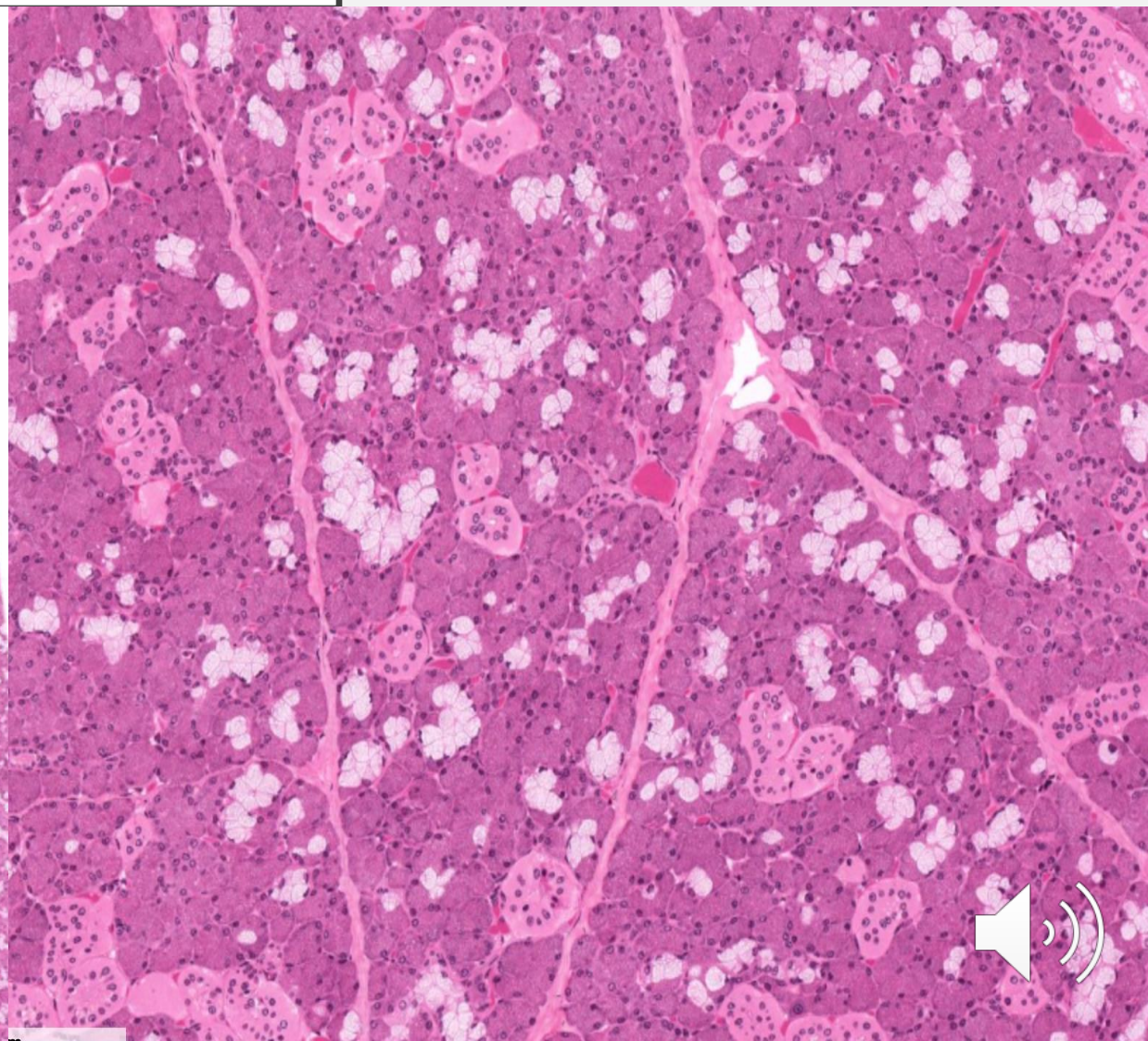


COMPOUND TUBULAR



SUBMANDIBULAR GLAND





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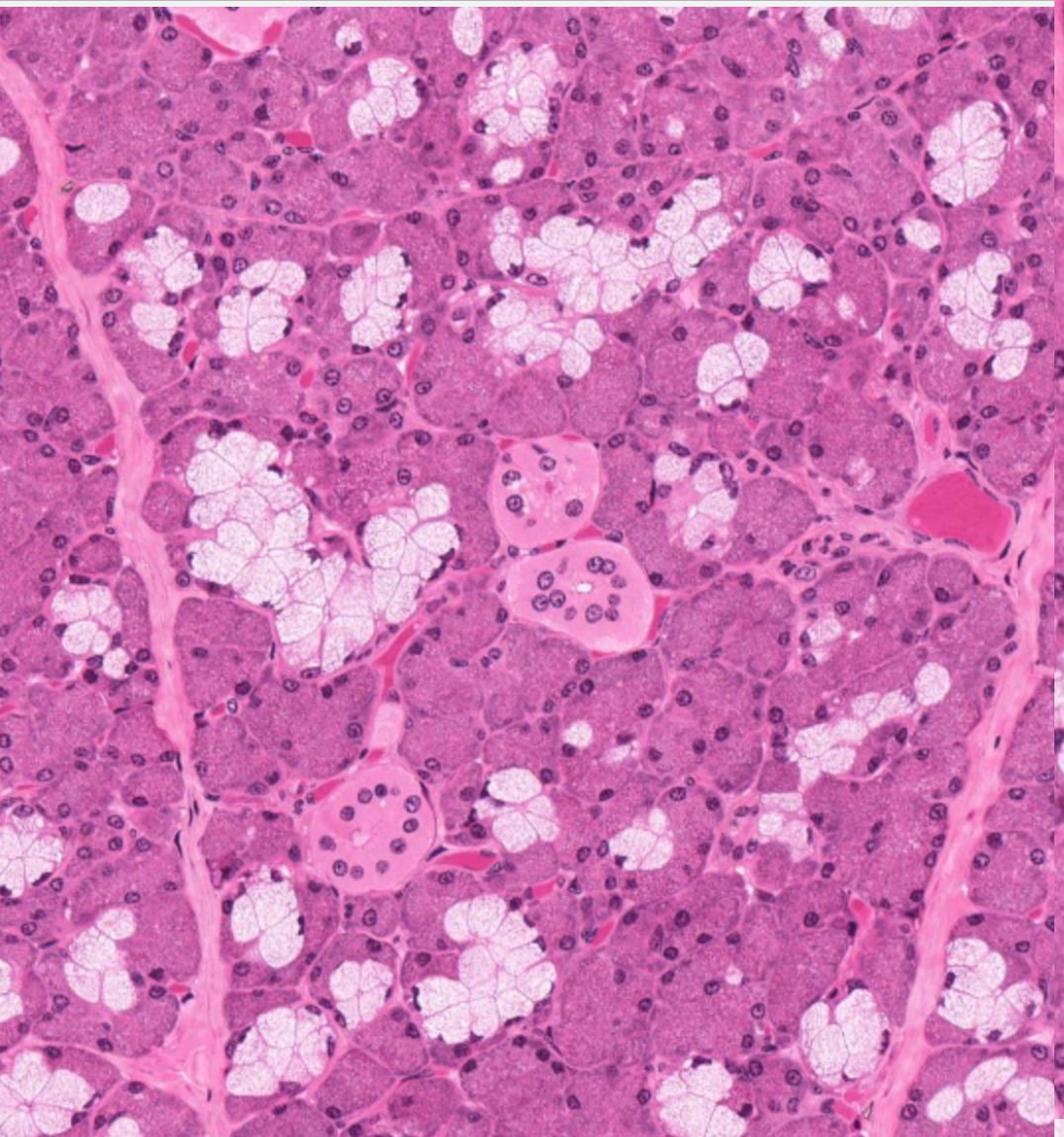
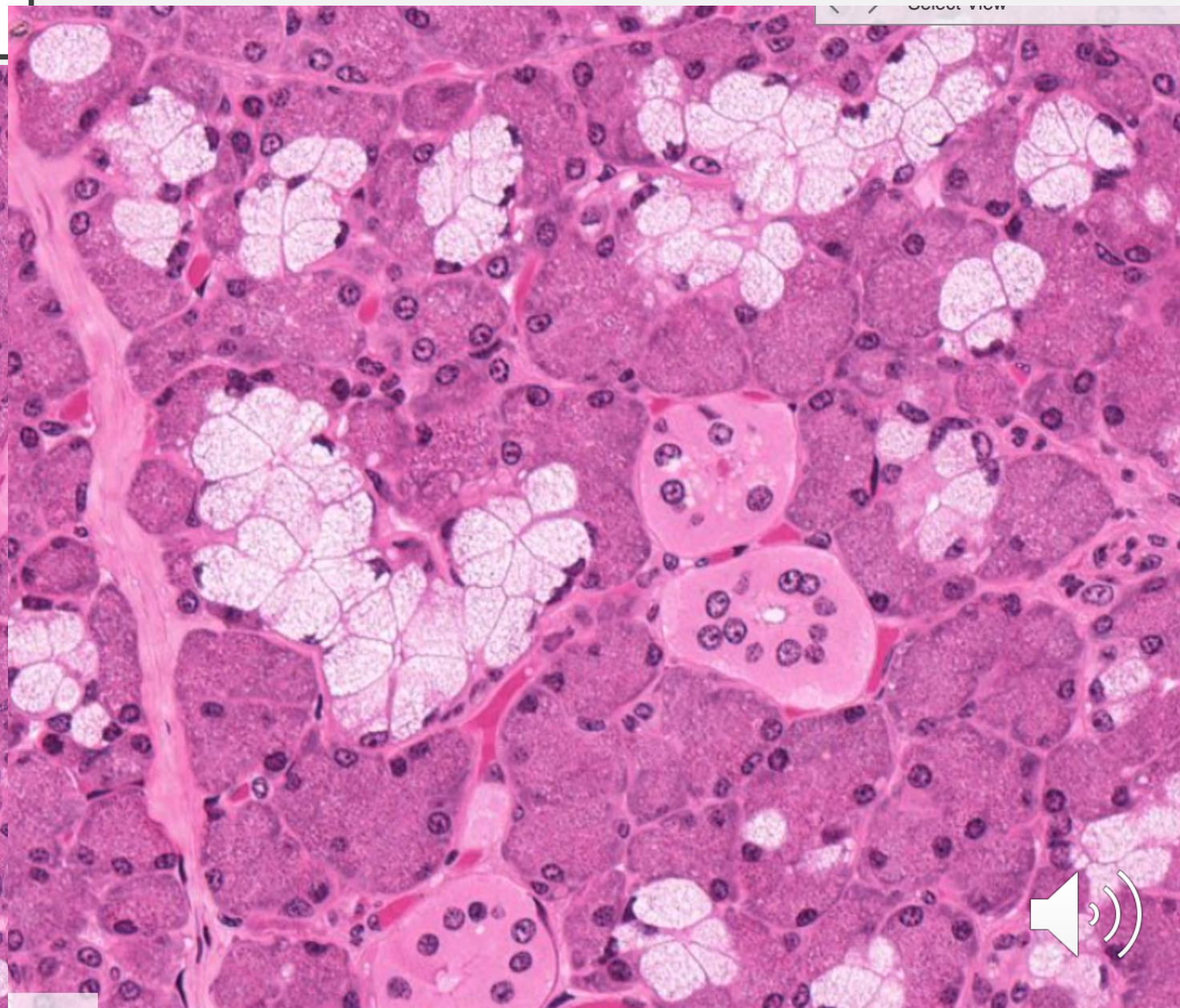
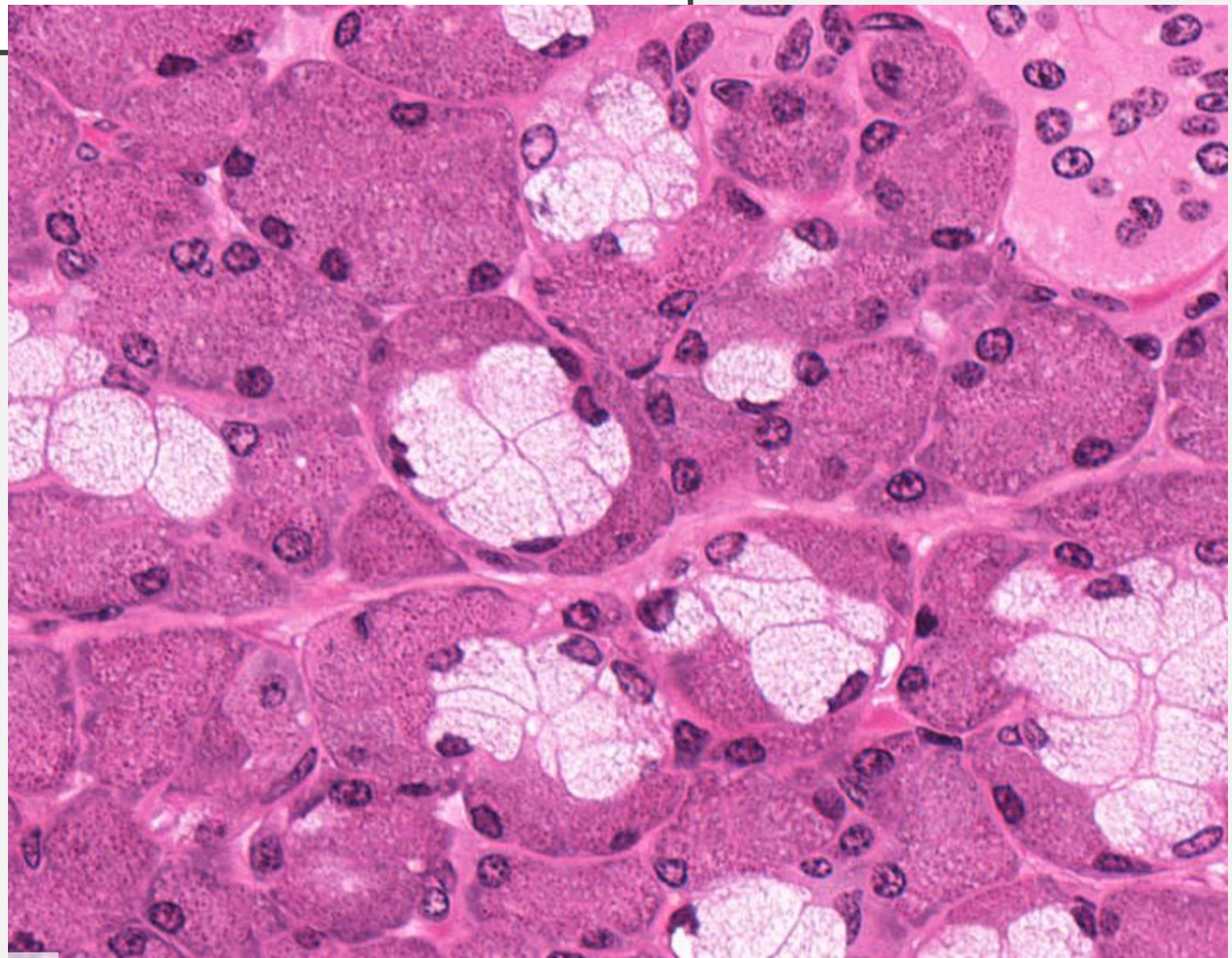




SEROUS DEMILUNES



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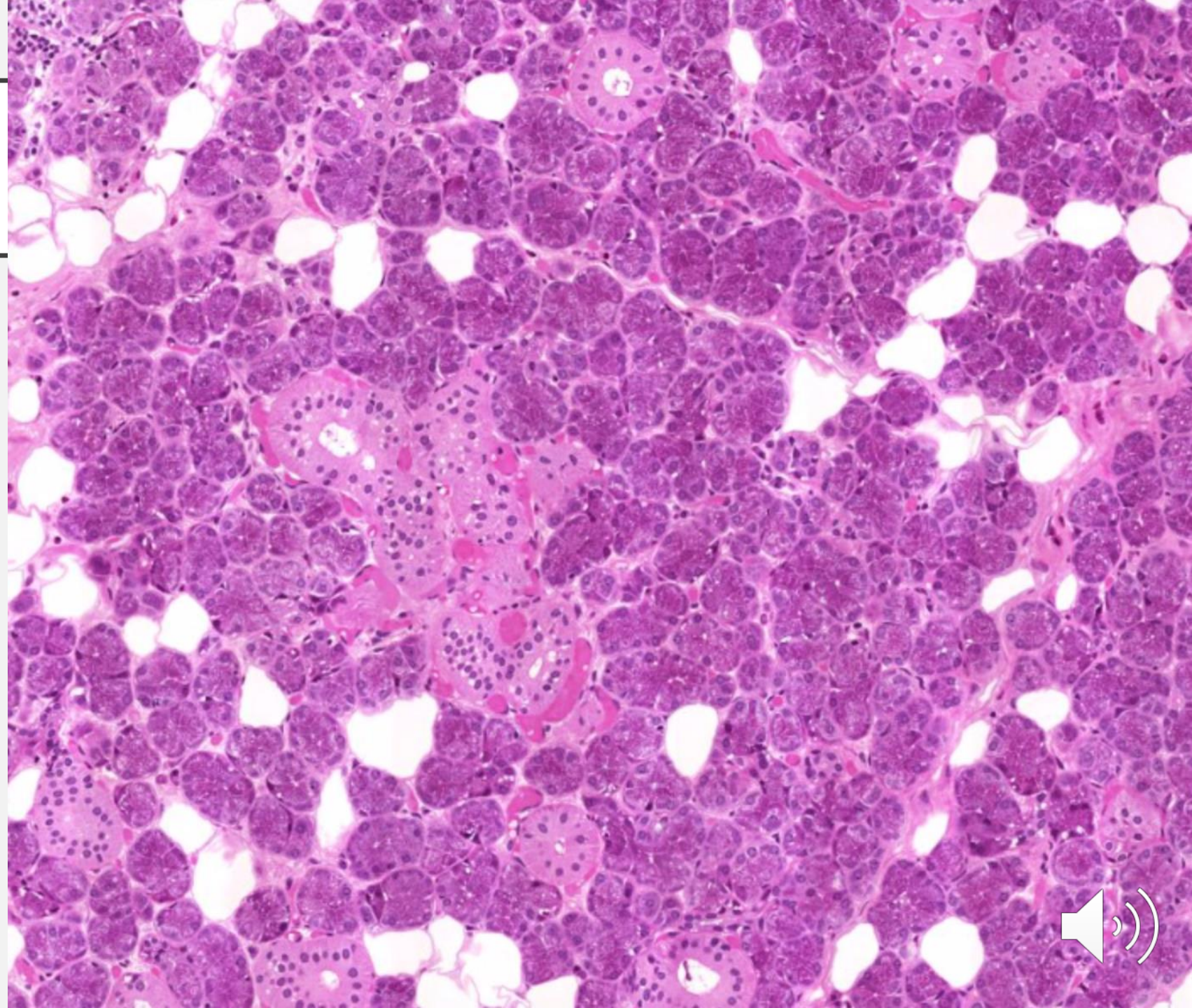

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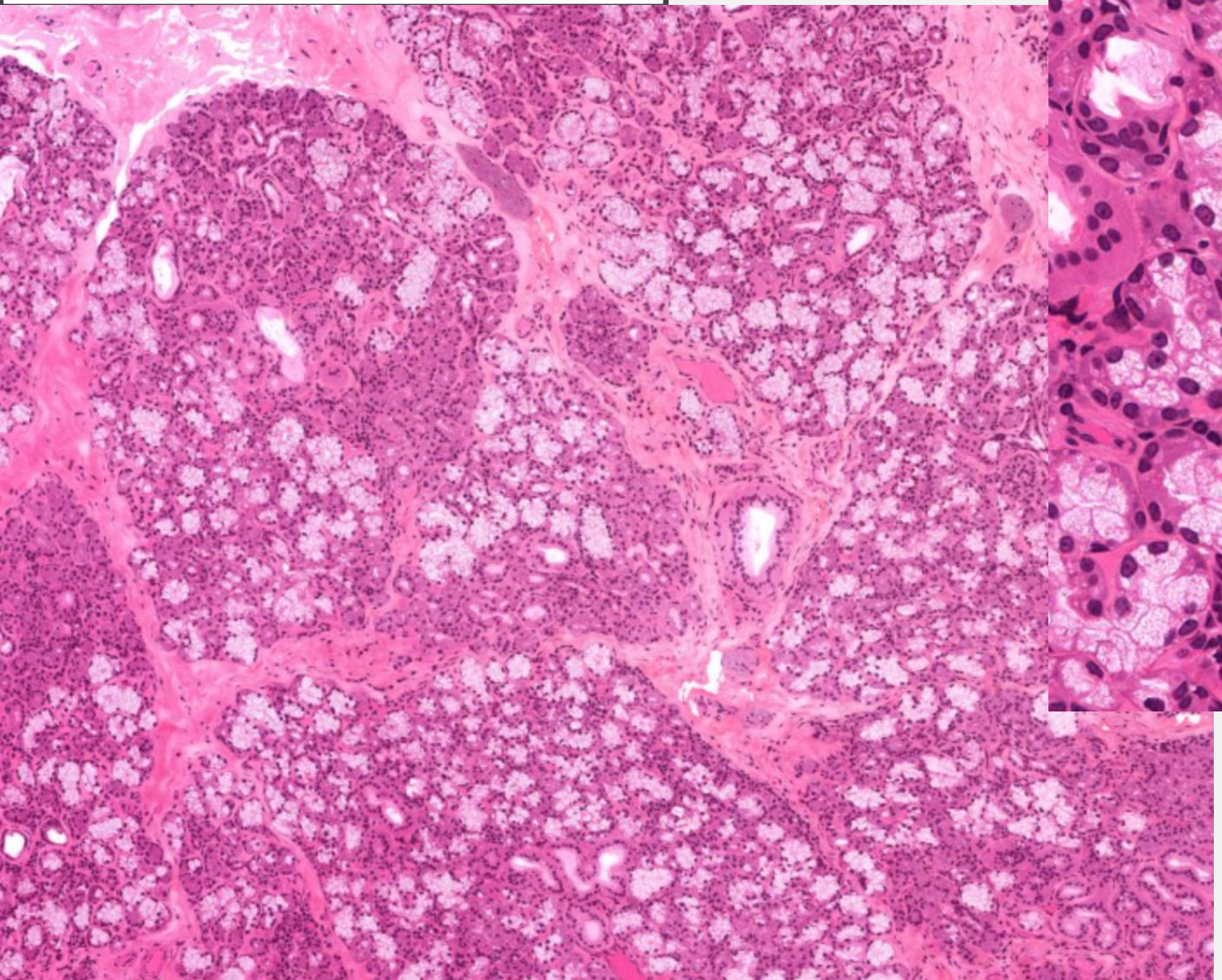

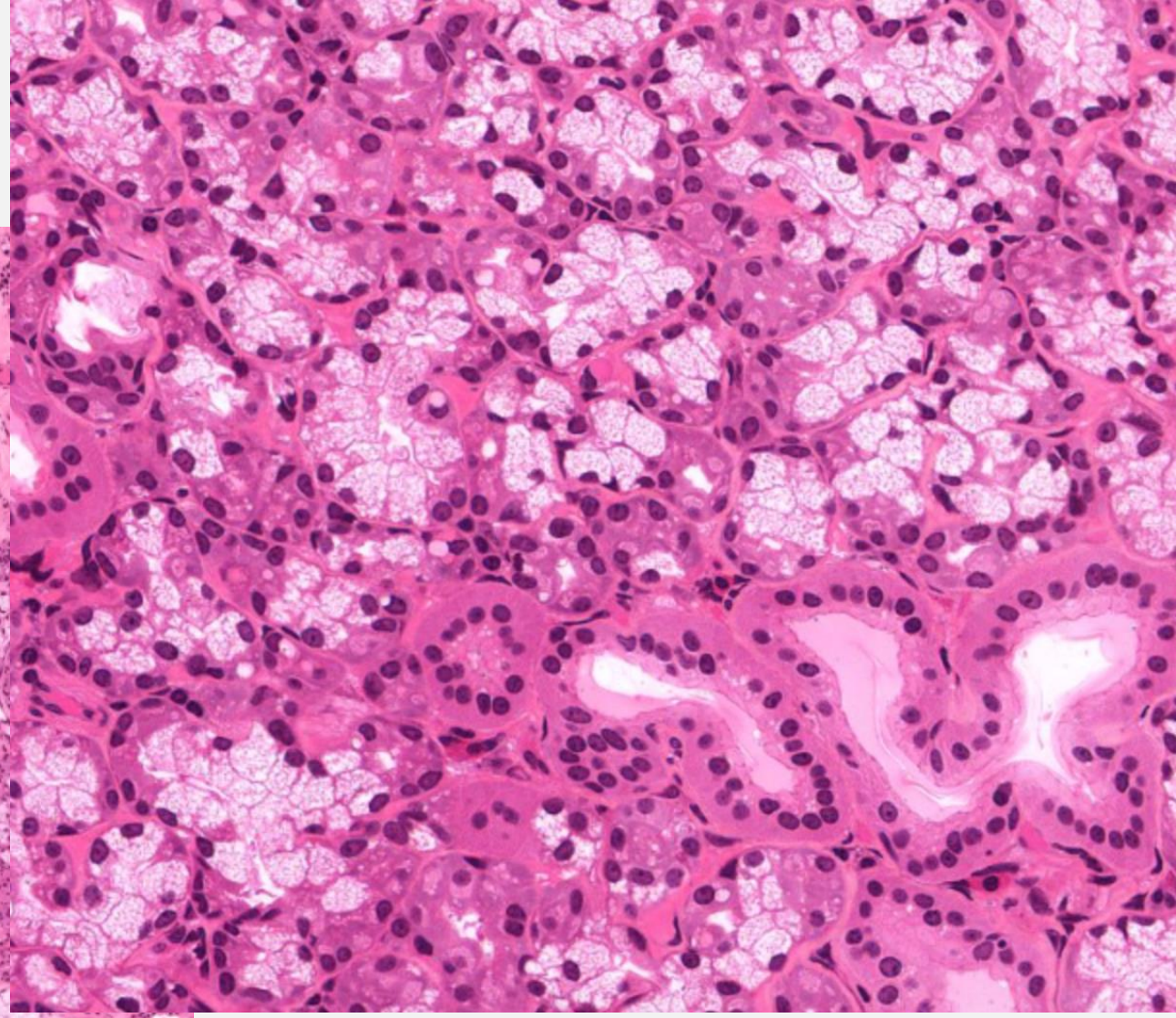
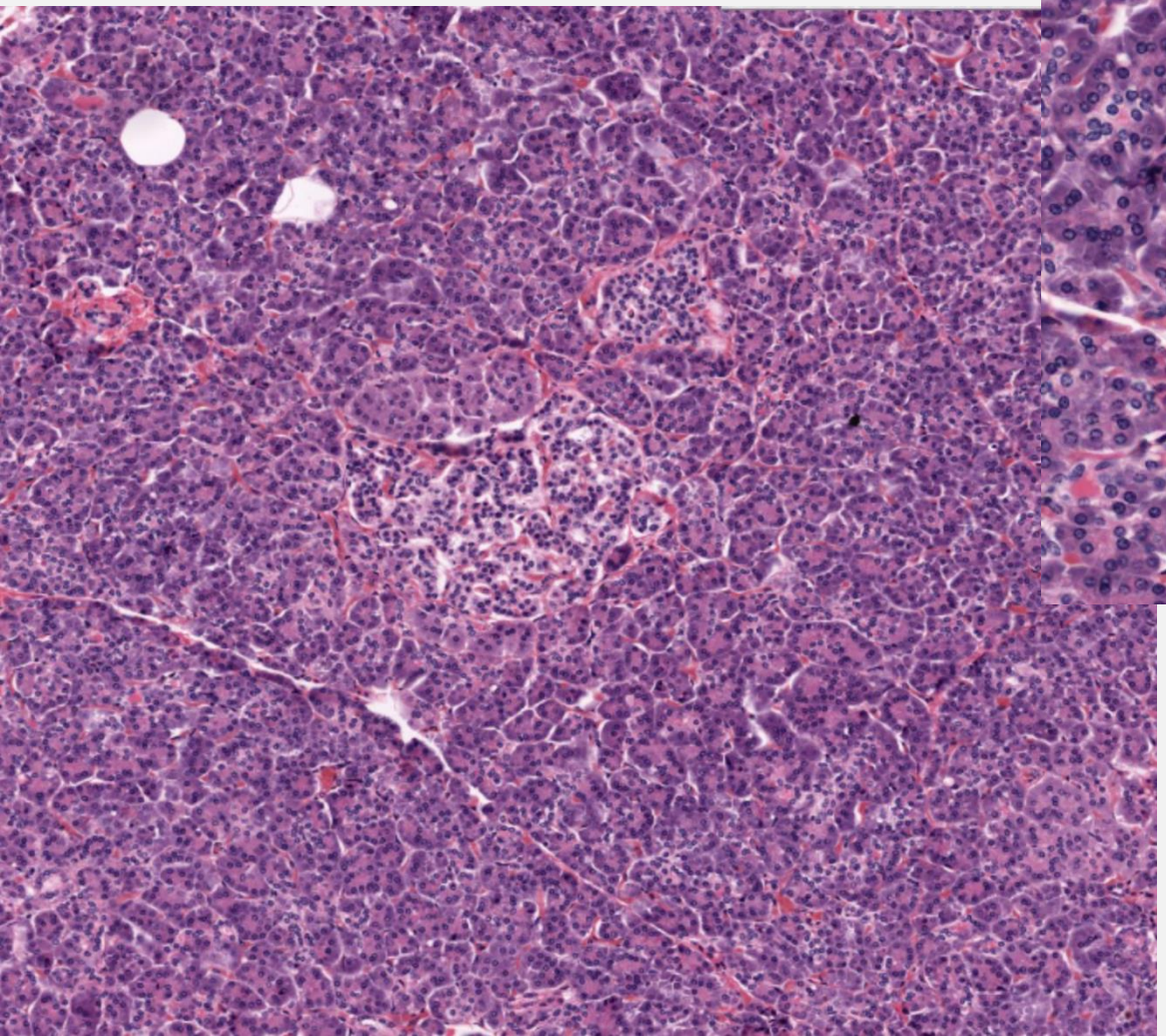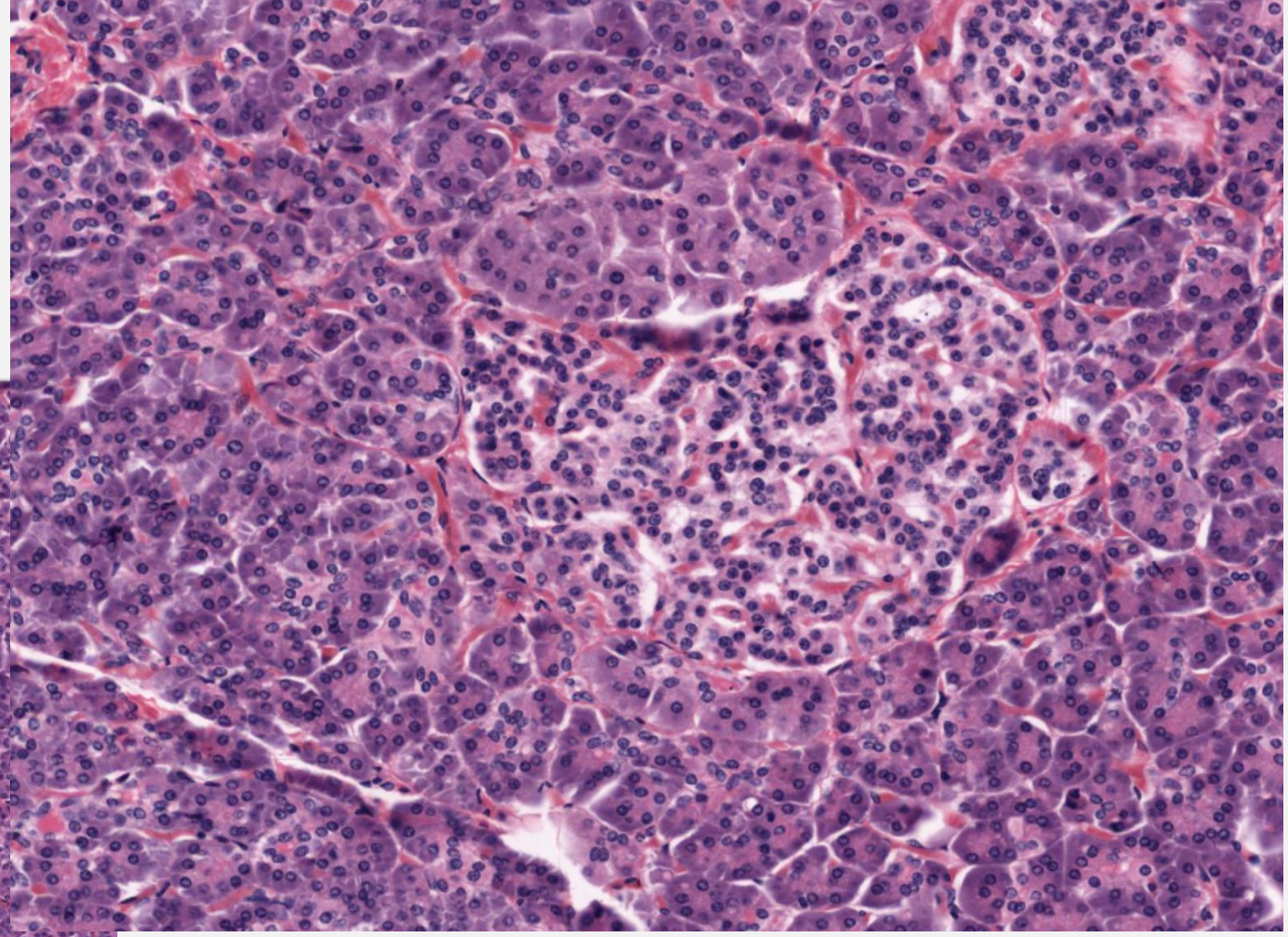
PANCREAS