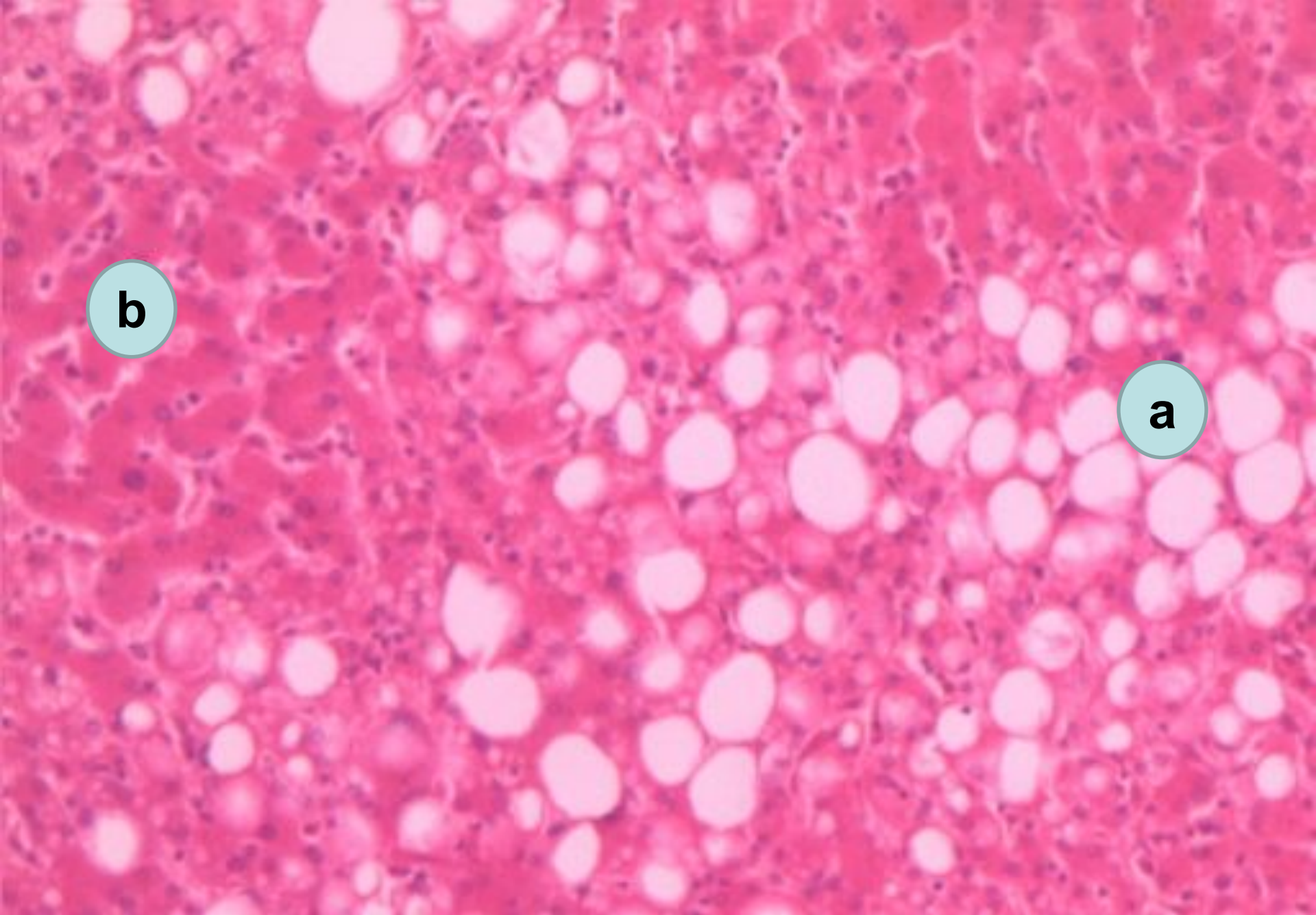
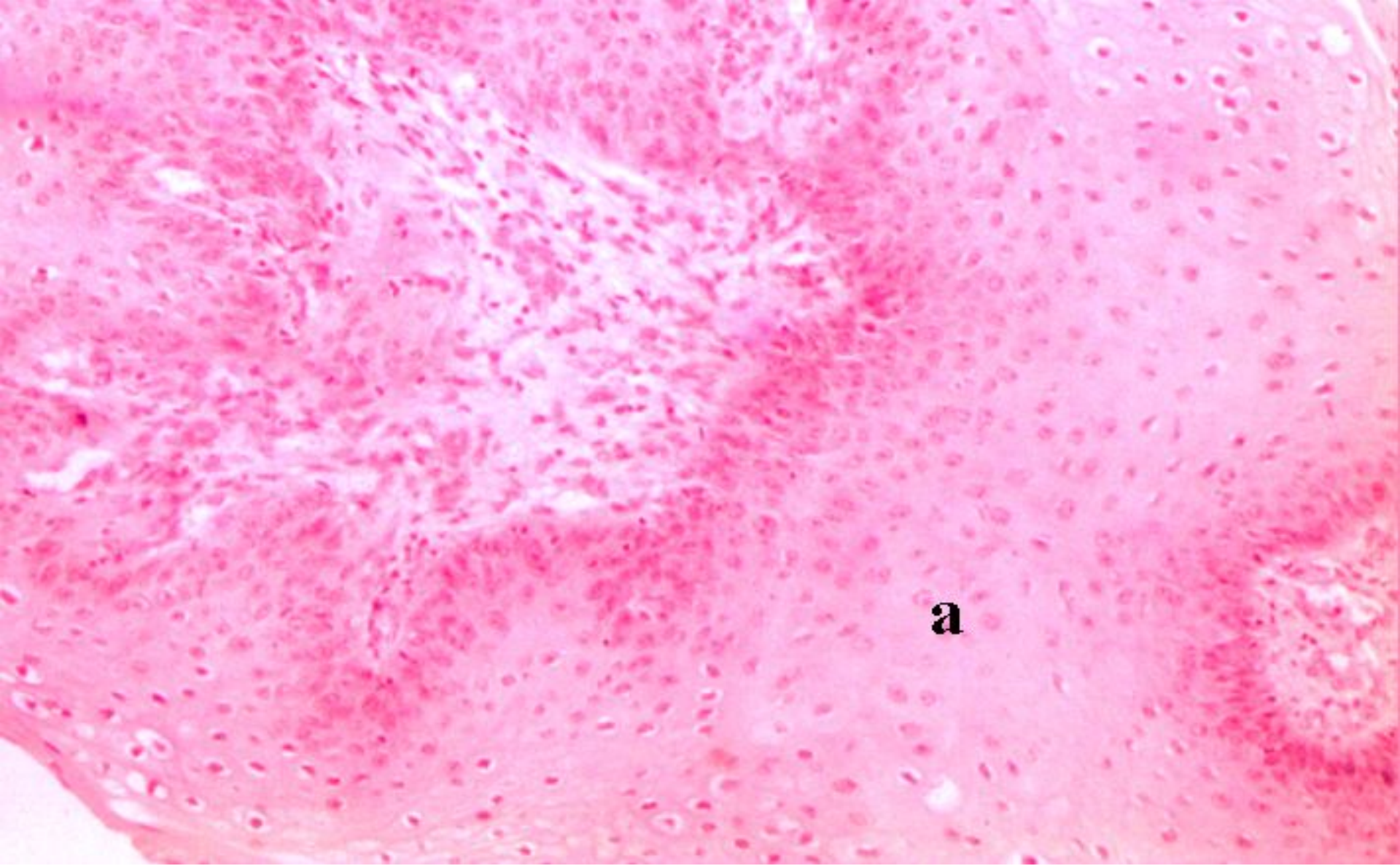


Topic # 2 “Intracellular disproteinosis: hyaline droplets, vacuolar (balloon) degenerations, and hyperkeratosis. Intracellular lipidosis. Fatty changes of myocardium, liver, kidneys. Intracellular carbohydrate degenerations (glycogenosis).”

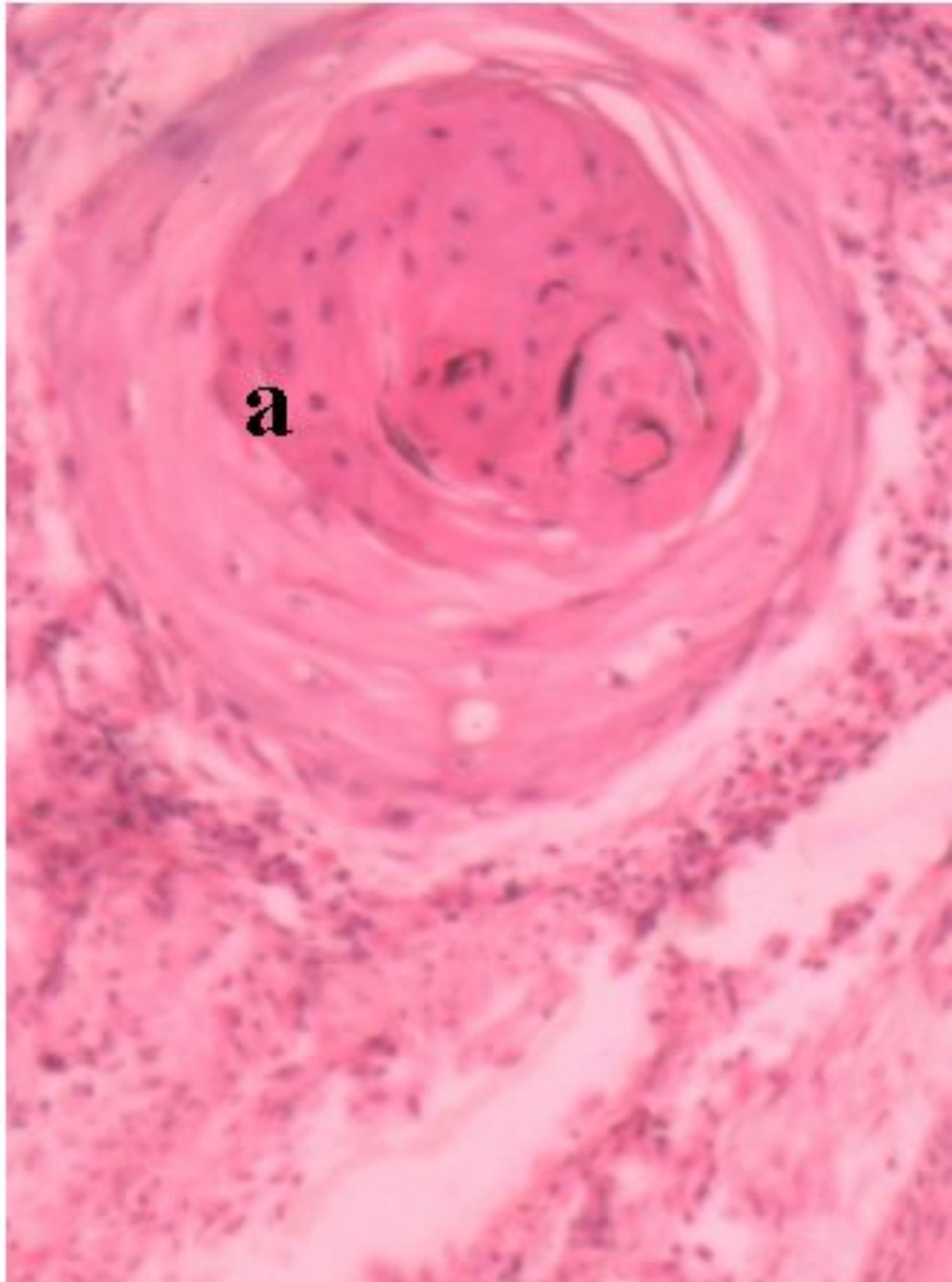
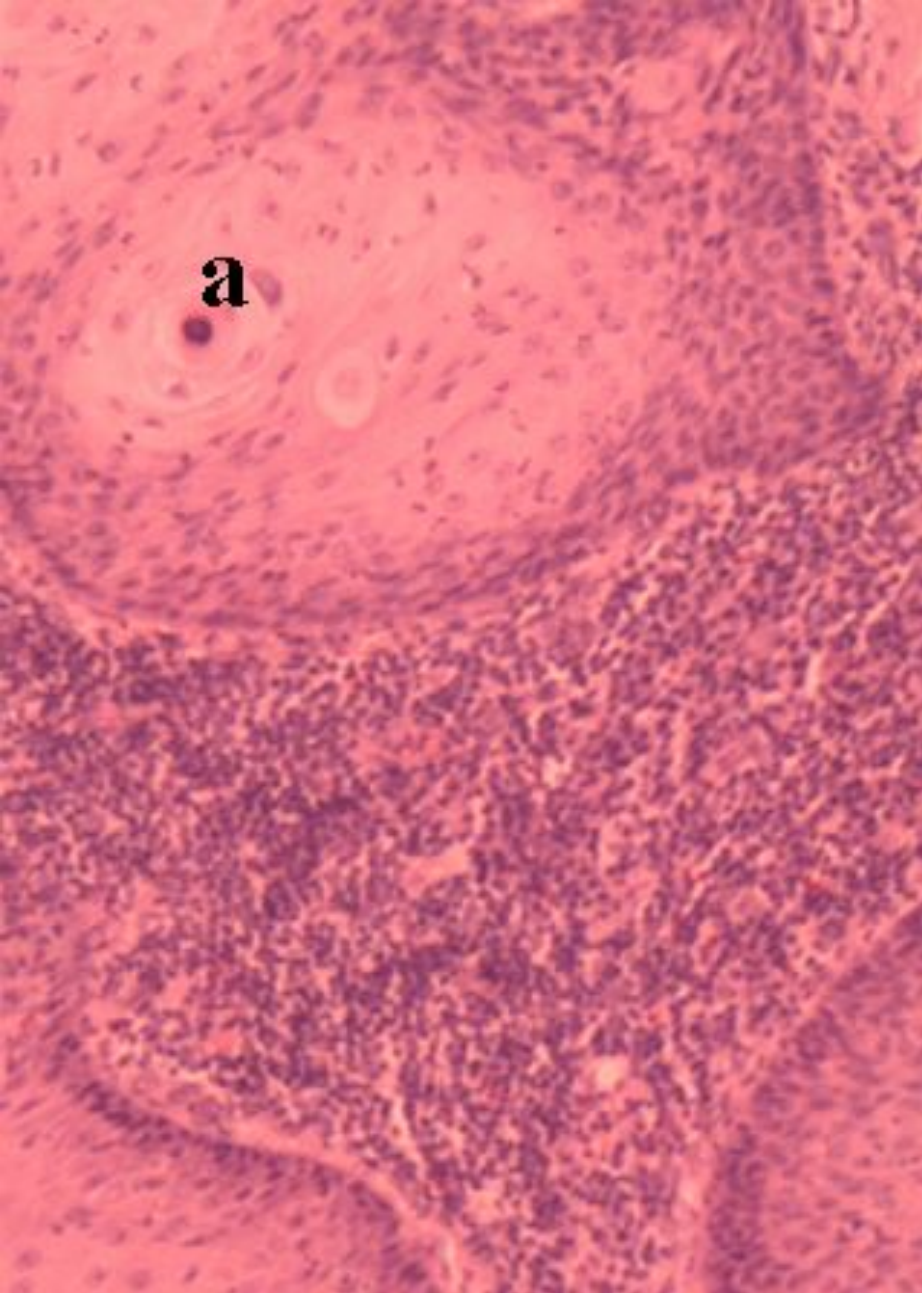
Prepared by
d.m.s. Shabdarbaeva D.M.



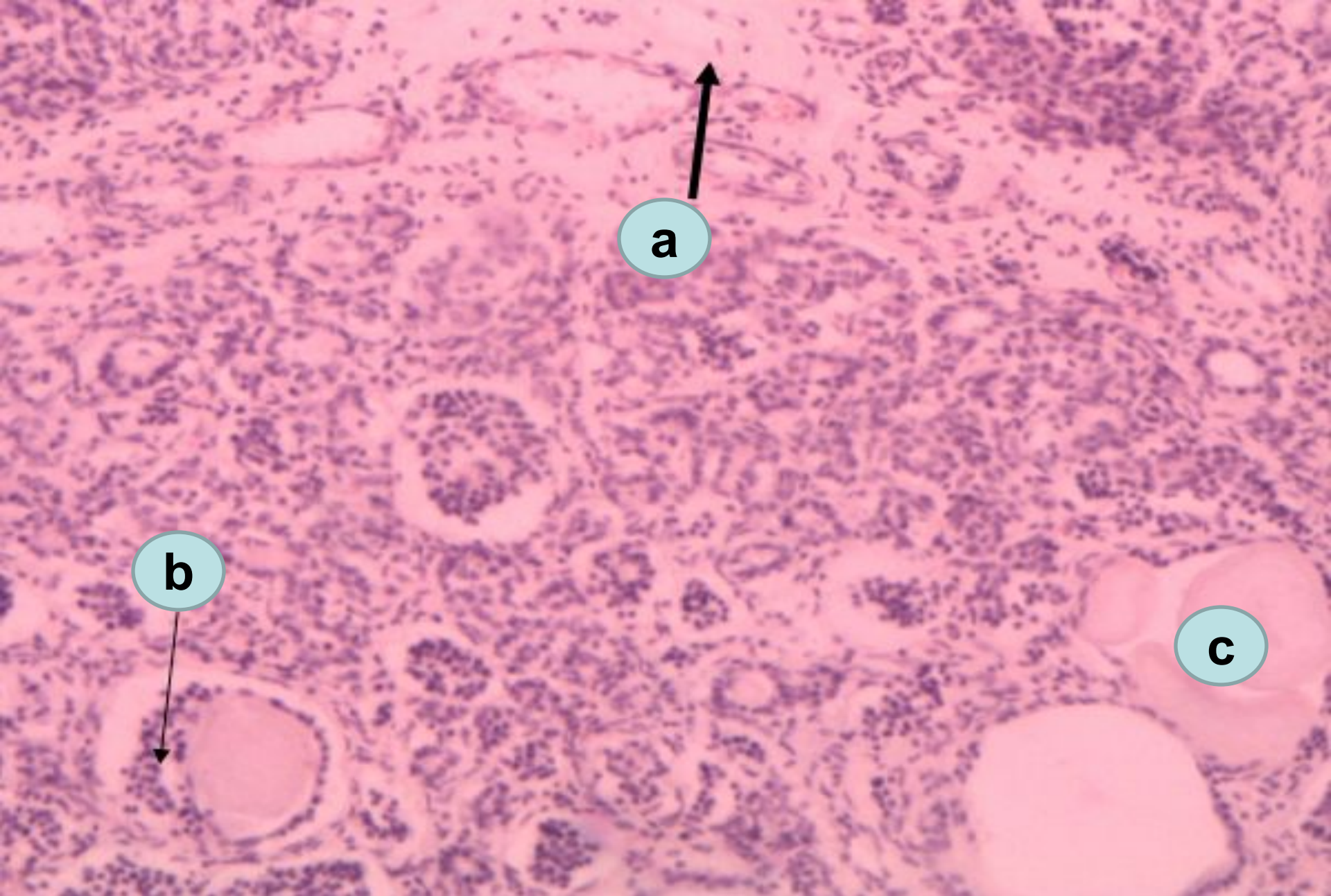
Steatosis of liver
a –fat vacuoles, b – hepatocytes



Hyperkeratosis (papilloma)
a – excessive formation of keratin



Squamous carcinoma
a – «cancer pearls»



Cystic fibrosis of pancreas

a – growth of connective tissue; b – proliferation of excretory ducts

c – accumulation of colloid masses in dilated lumens of excretory ducts