

ULTRASTRUCTURAL PECULIARITY OF PIG EYE CORNEA

Vida Babrauskienė
Lietuvos veterinarijos akademija,
Tilžės g. 18, LT-3022 Kaunas, tel. 36 19 03

Summary. Corneal ultrastructural peculiarities determine its transparency and vision. Presented data of ultrastructural peculiarities of the pig eye cornea were obtained by light and electronic microscopy. Anterior epithelium of the pig eye makes up 11,6 % of all corneal thickness; there are two types of cells in this layer – light and dark ones, which contained a various amount of microfilament; posterior epithelium of the pig cornea makes up 1,3 % of all corneal thickness as cells are flat and their nucleus are elongated.

Keywords: cornea, pig eye, light microscopy, electronic microscopy.