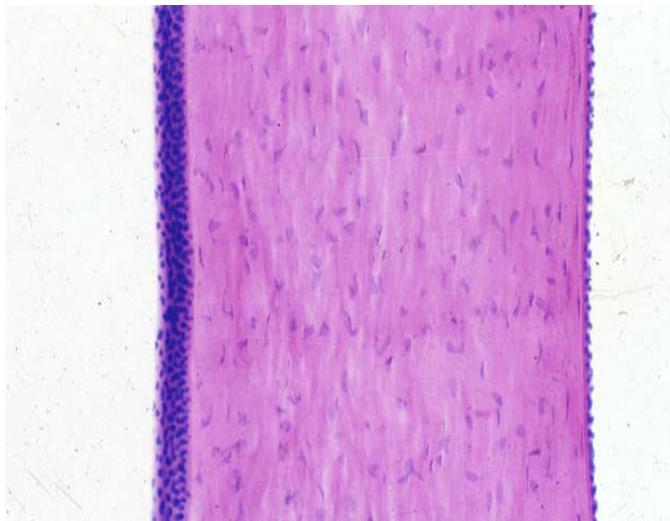
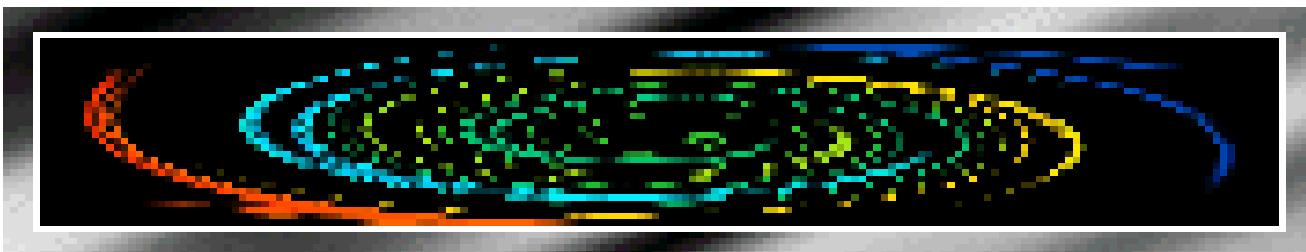


# Experimental Courseware of Histology and Embryology



**Chapter 1 Introduction and Cell**

**Chapter 2 Epithelial tissue**

**Chapter 3 Connective Tissue**

**Chapter 4 Blood**

**Chapter 5 Cartilage and Bone**

**Chapter 6 Muscle Tissue**

**Chapter 7 Nerve Tissue**

**Chapter 8 Circulatory System**

**Chapter 9 Immune System**

**Chapter 10 Skin**

**Chapter 11 Digestive Tract**

**Chapter 12 Digestive Gland**

**Chapter 13 Respiratory System**

**Chapter 14 Urinary System**

**Chapter 15 Endocrine System**

**Chapter 16 Sense Organs**

**Chapter 17 Male Reproduction**

**Chapter 18 Female Reproduction**

**Chapter 19 Embryology 1**

**Chapter 20 Embryology 2**

# Chapter 16 Organs of Special Sense

I Slides

II Sections

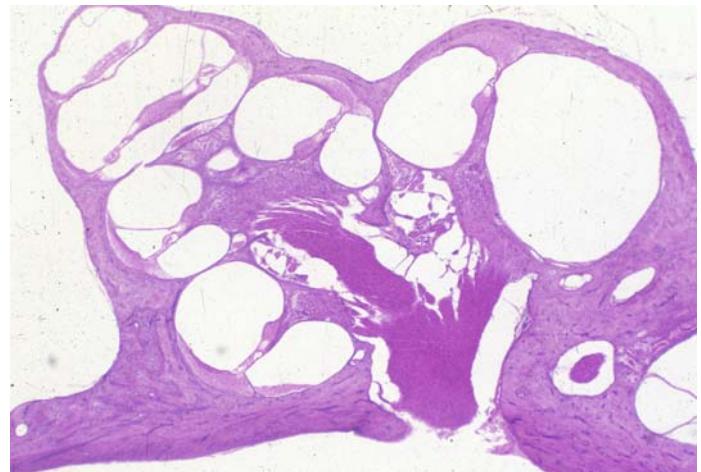
NO.48 anterior half of the eyeball

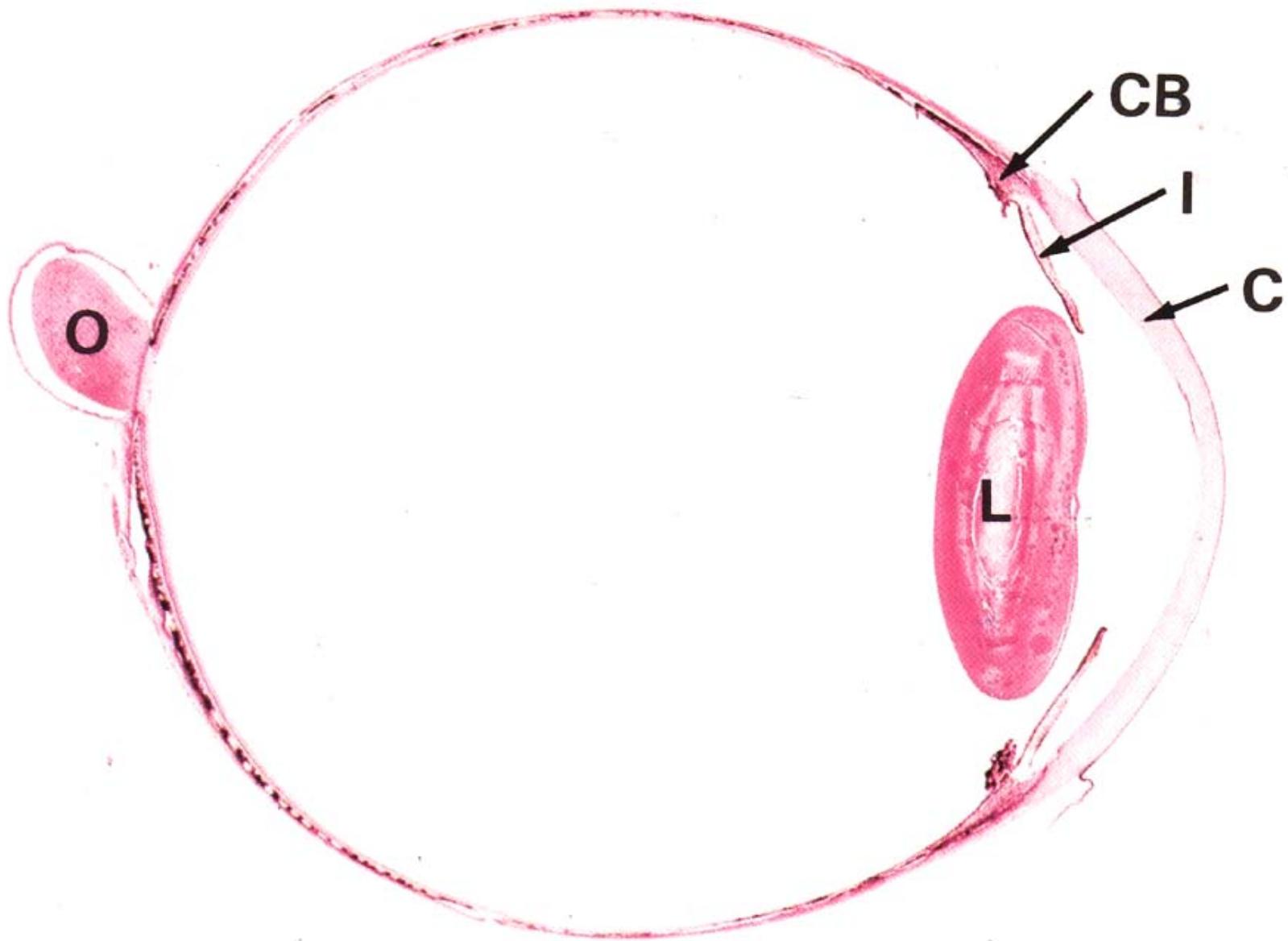
NO.49 posterior half of the eyeball

NO.51 inner ear

III EM photos: 44---47

IV Summary

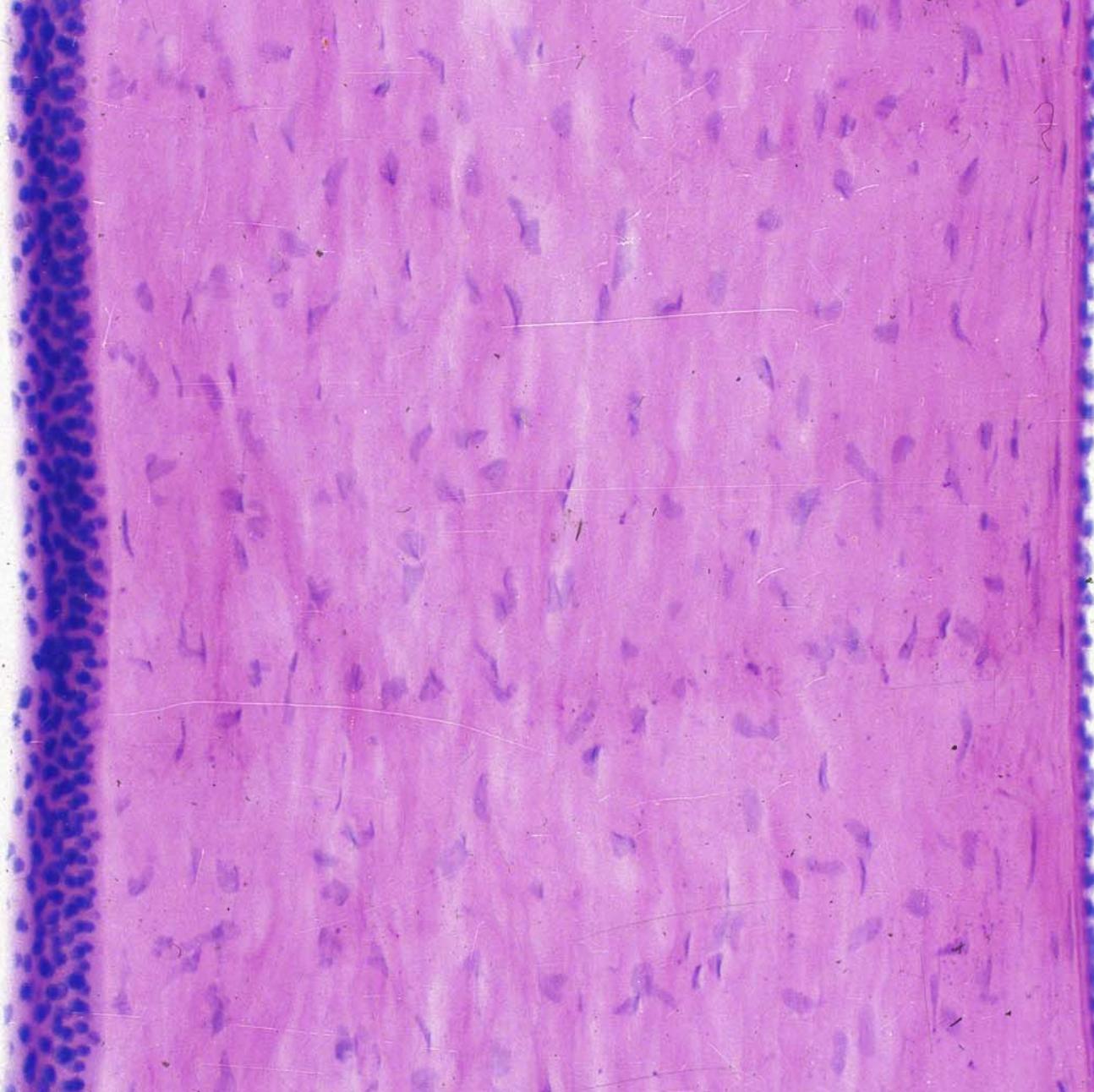




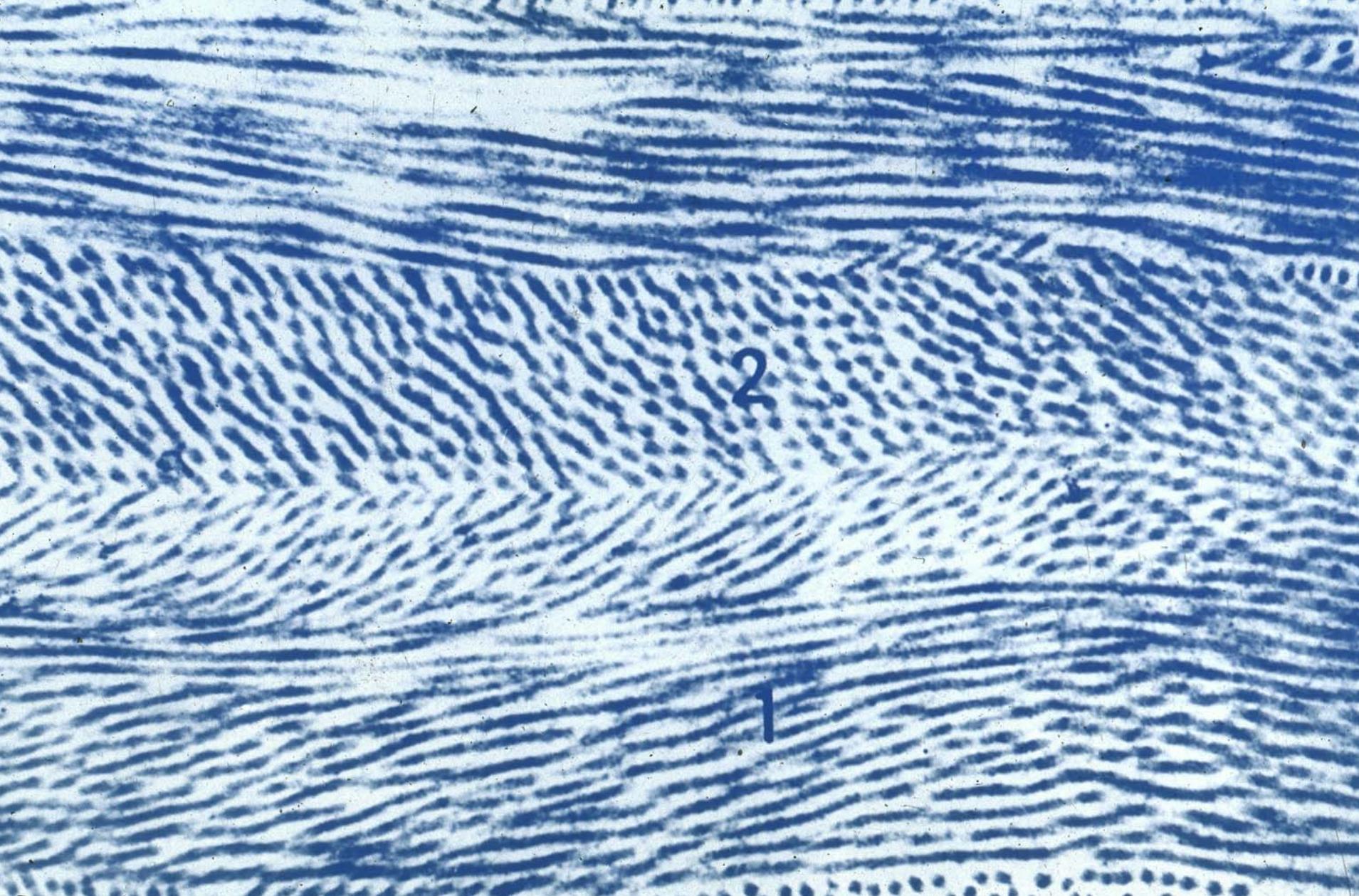
Eyeball



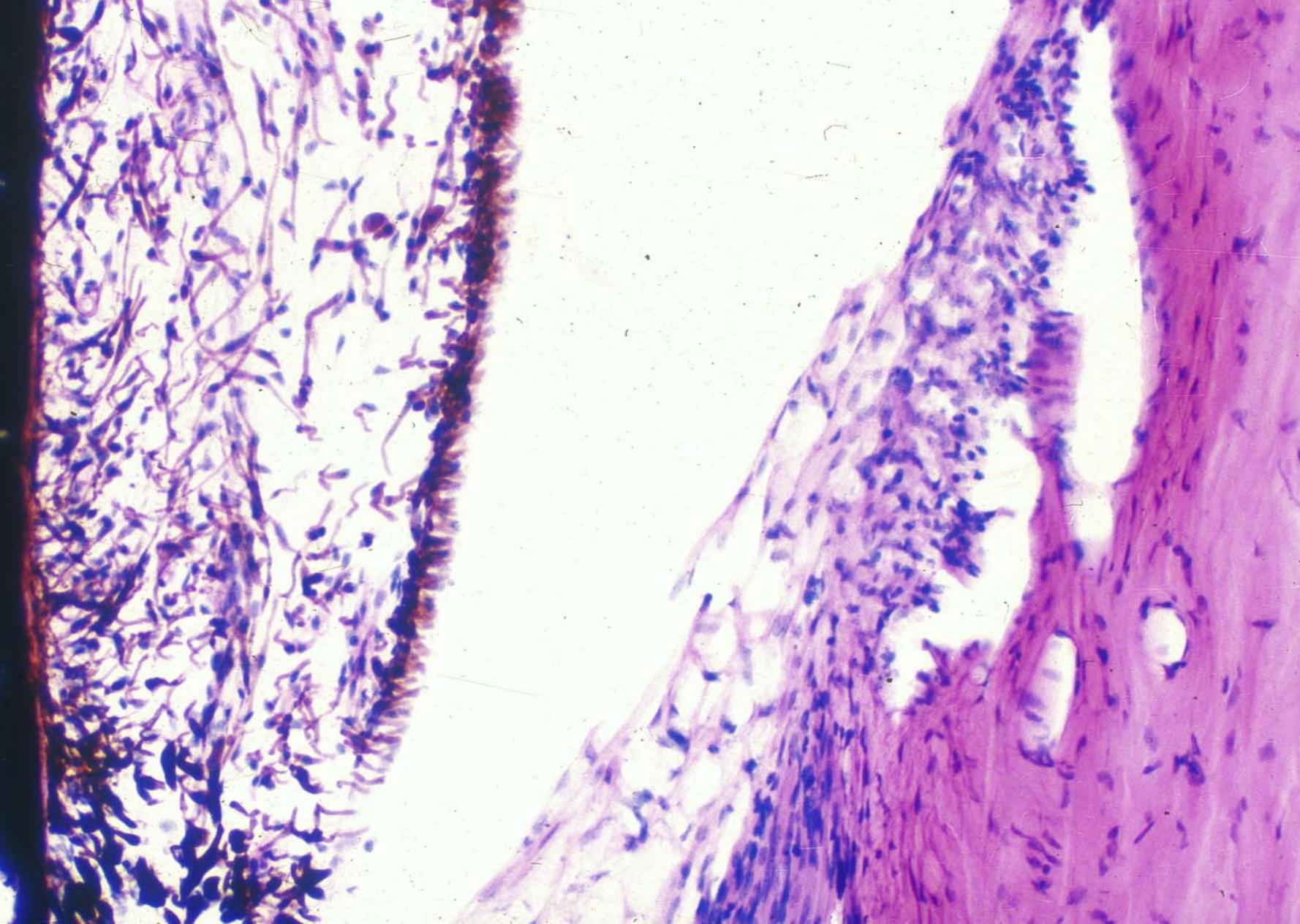
posterior half of the eyeball



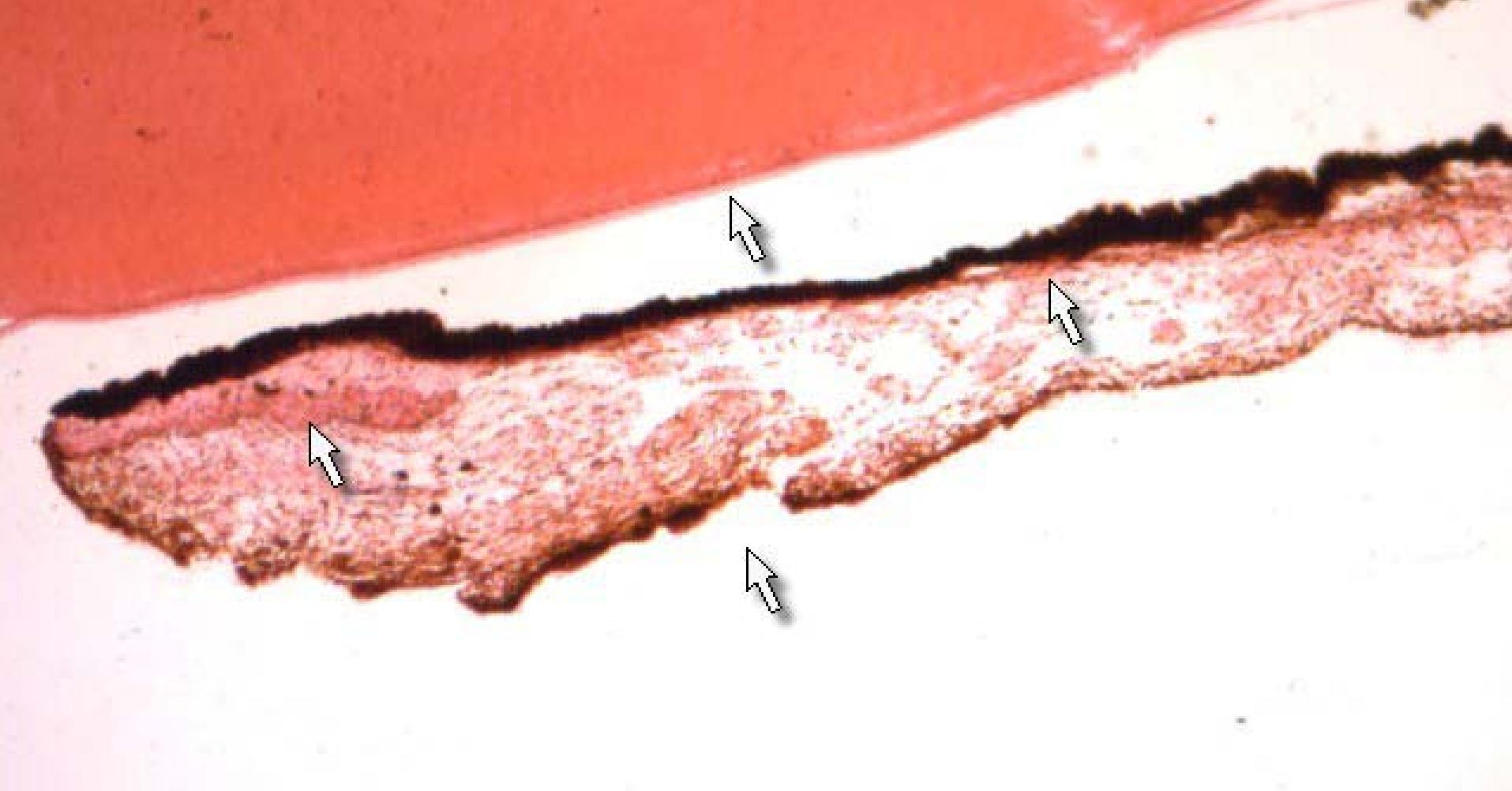
cornea



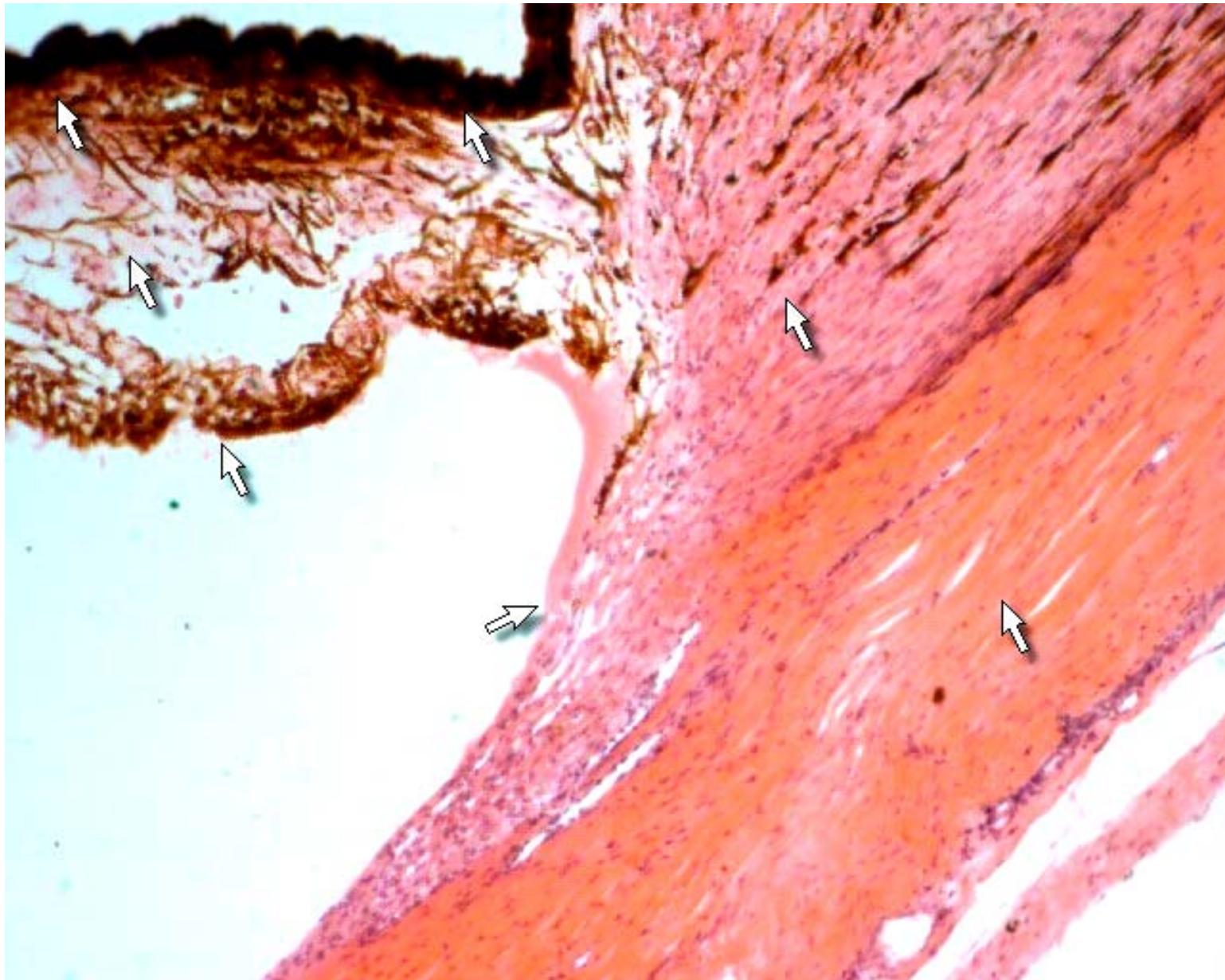
cornea



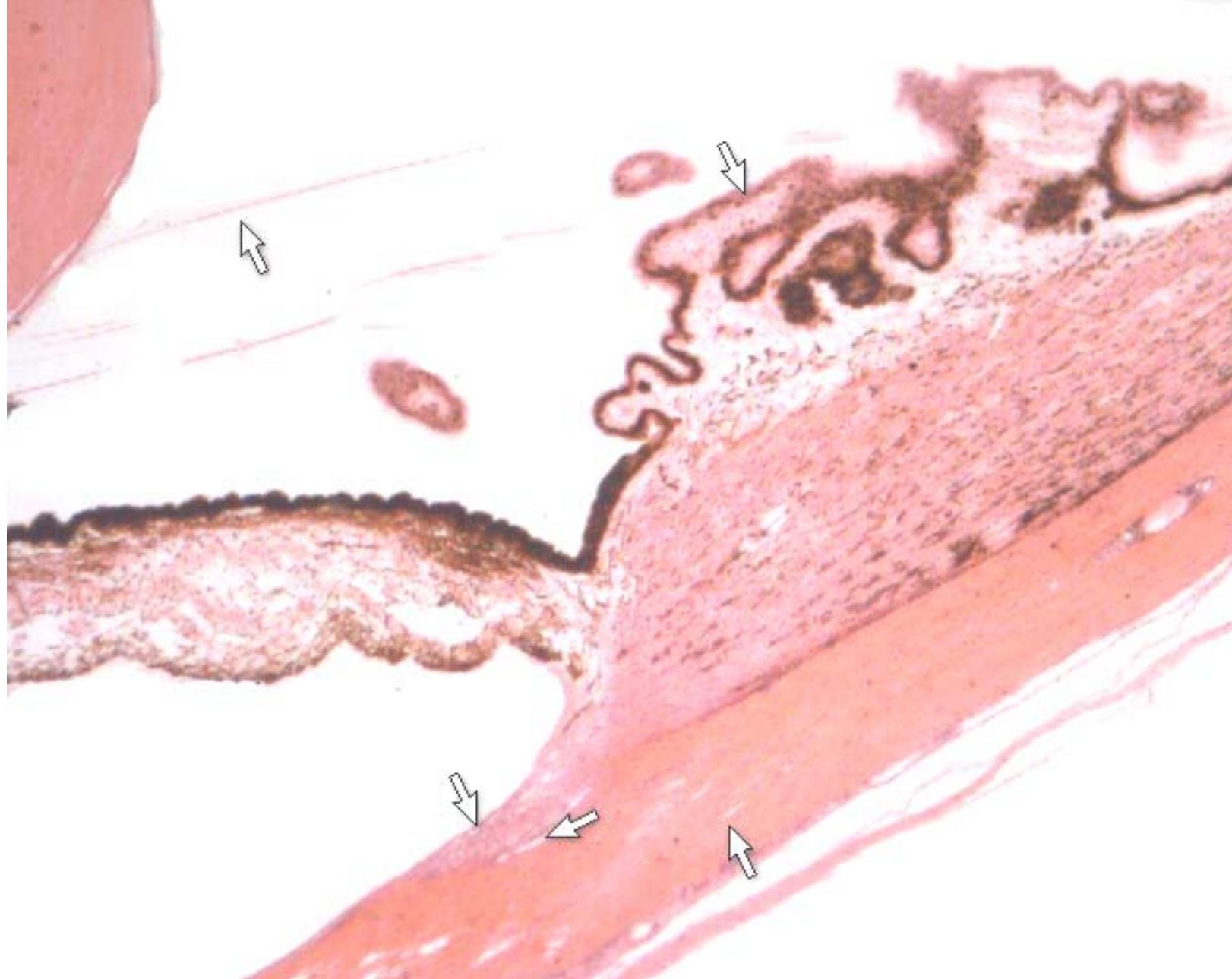
Iris, trabecular meshwork and sinus venosus sclerae



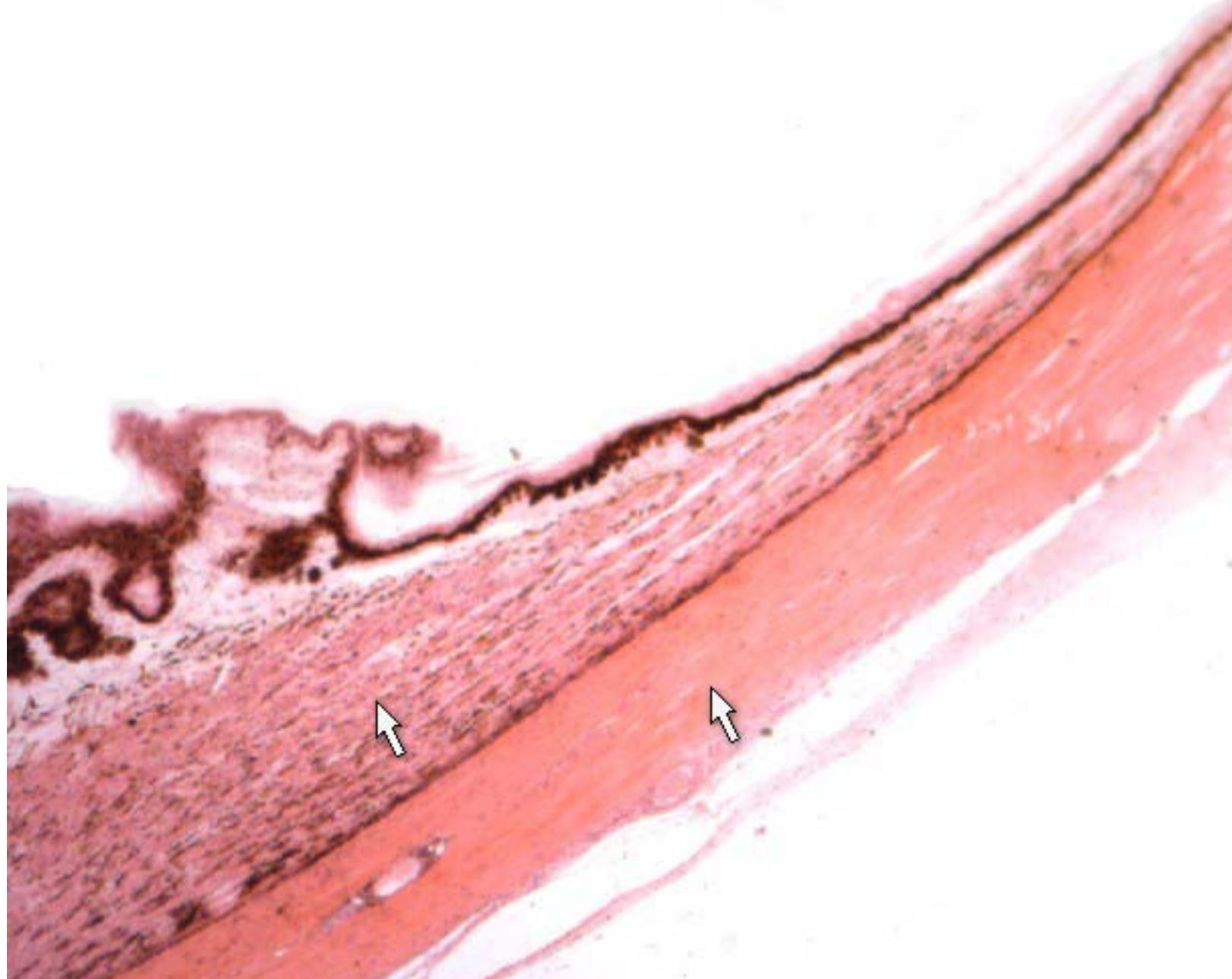
Iris and lens



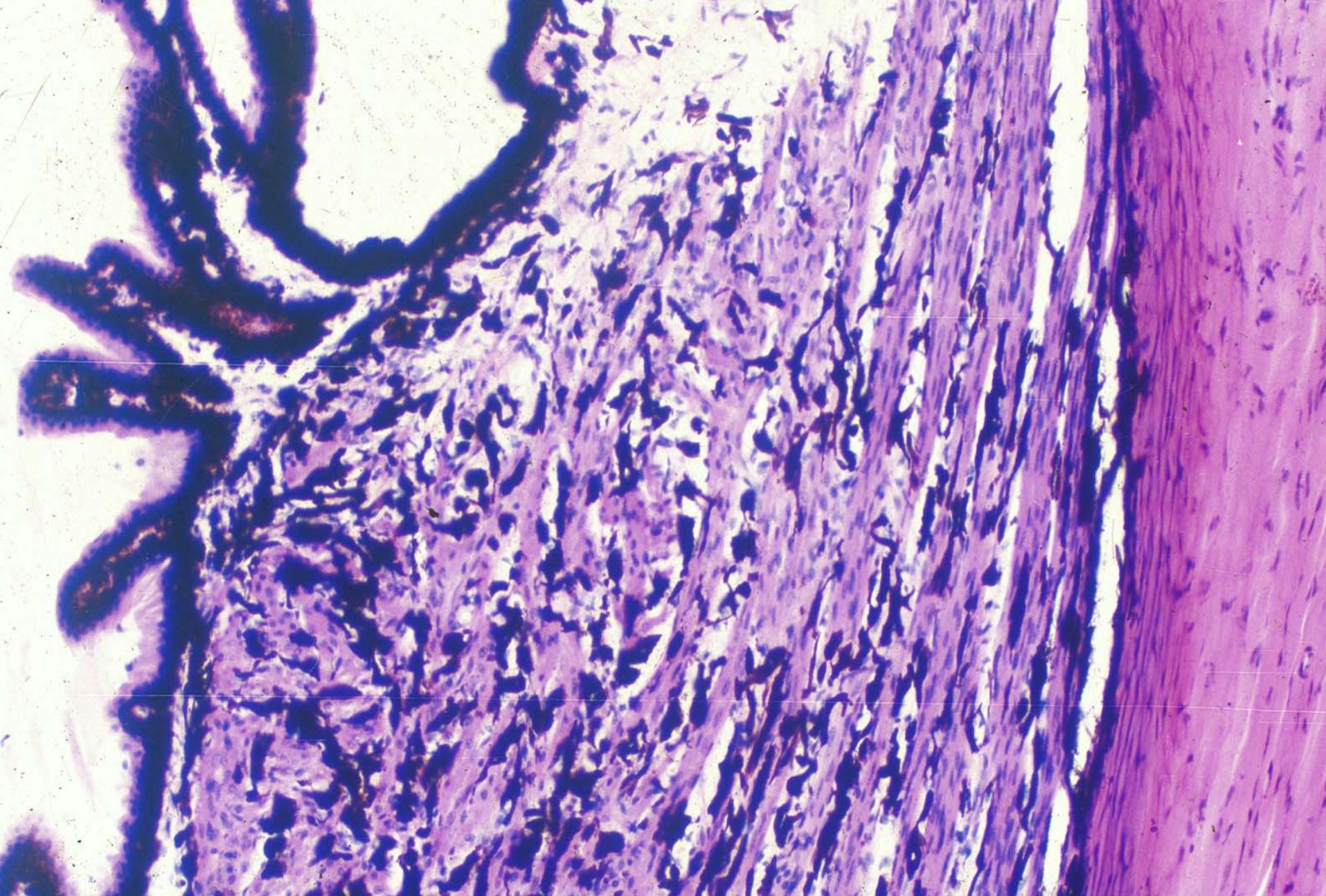
Iris,scleral spur and sclera



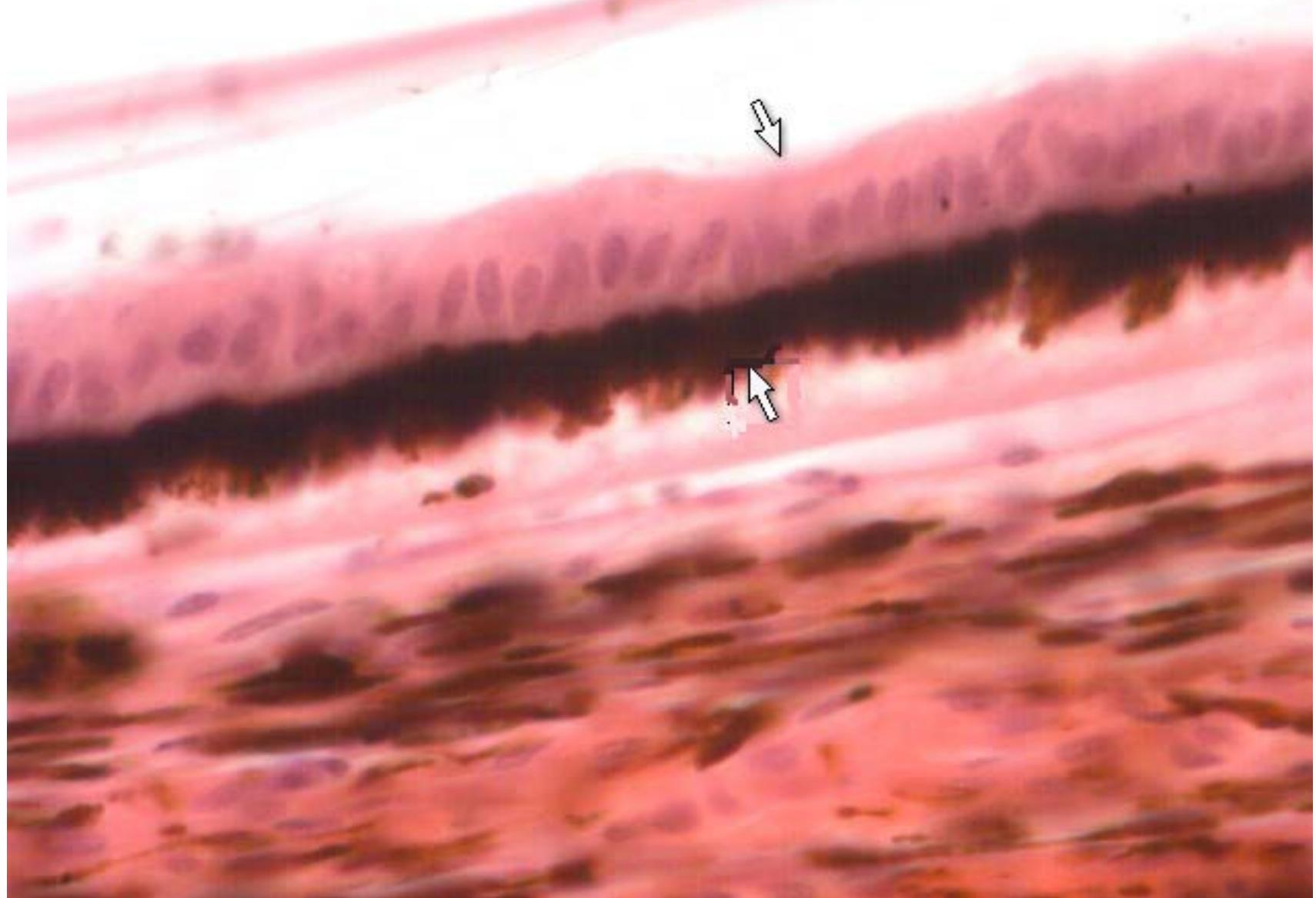
scleral spur, sinus venosus sclerae and ciliary body



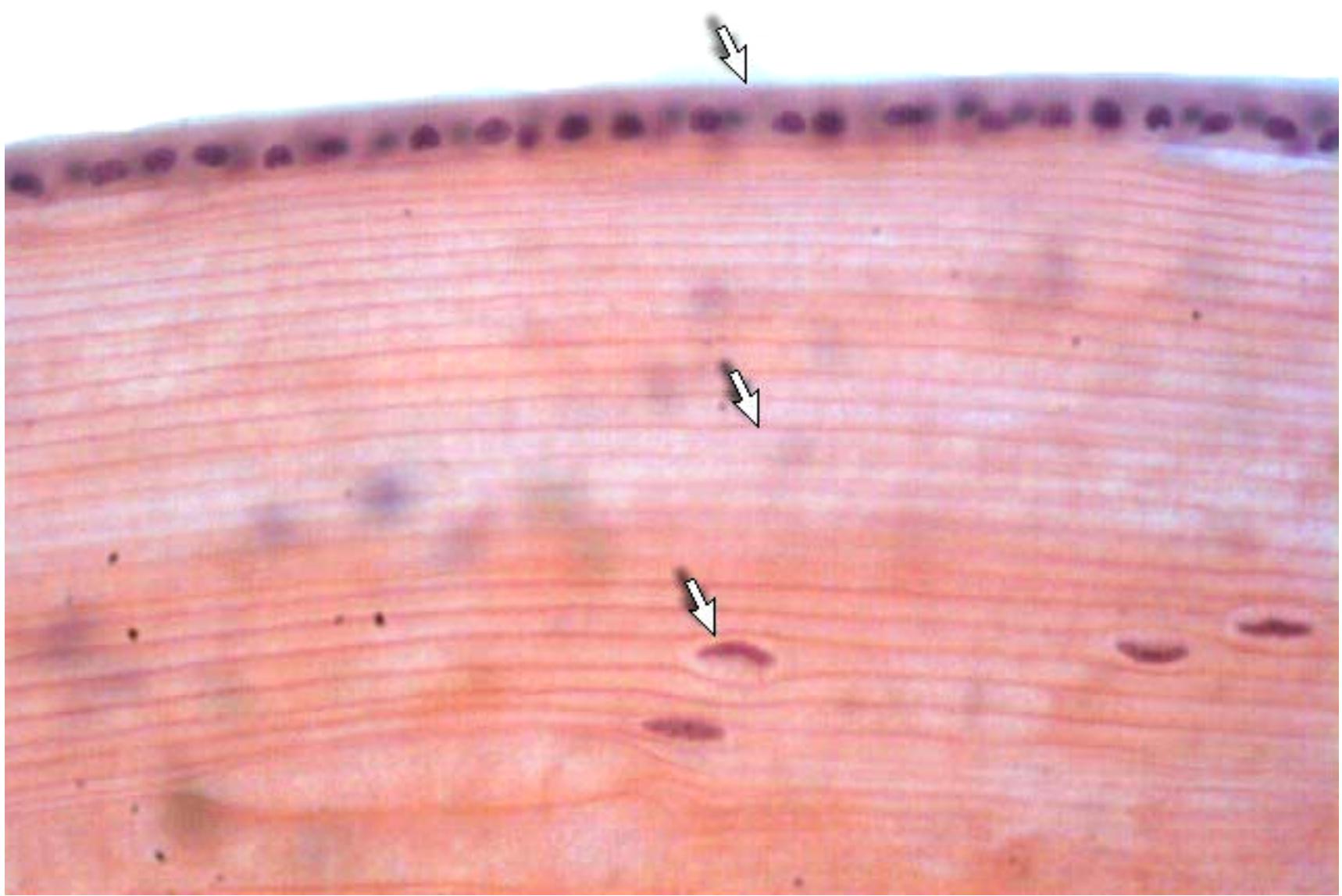
ciliary body and sclera



ciliary body



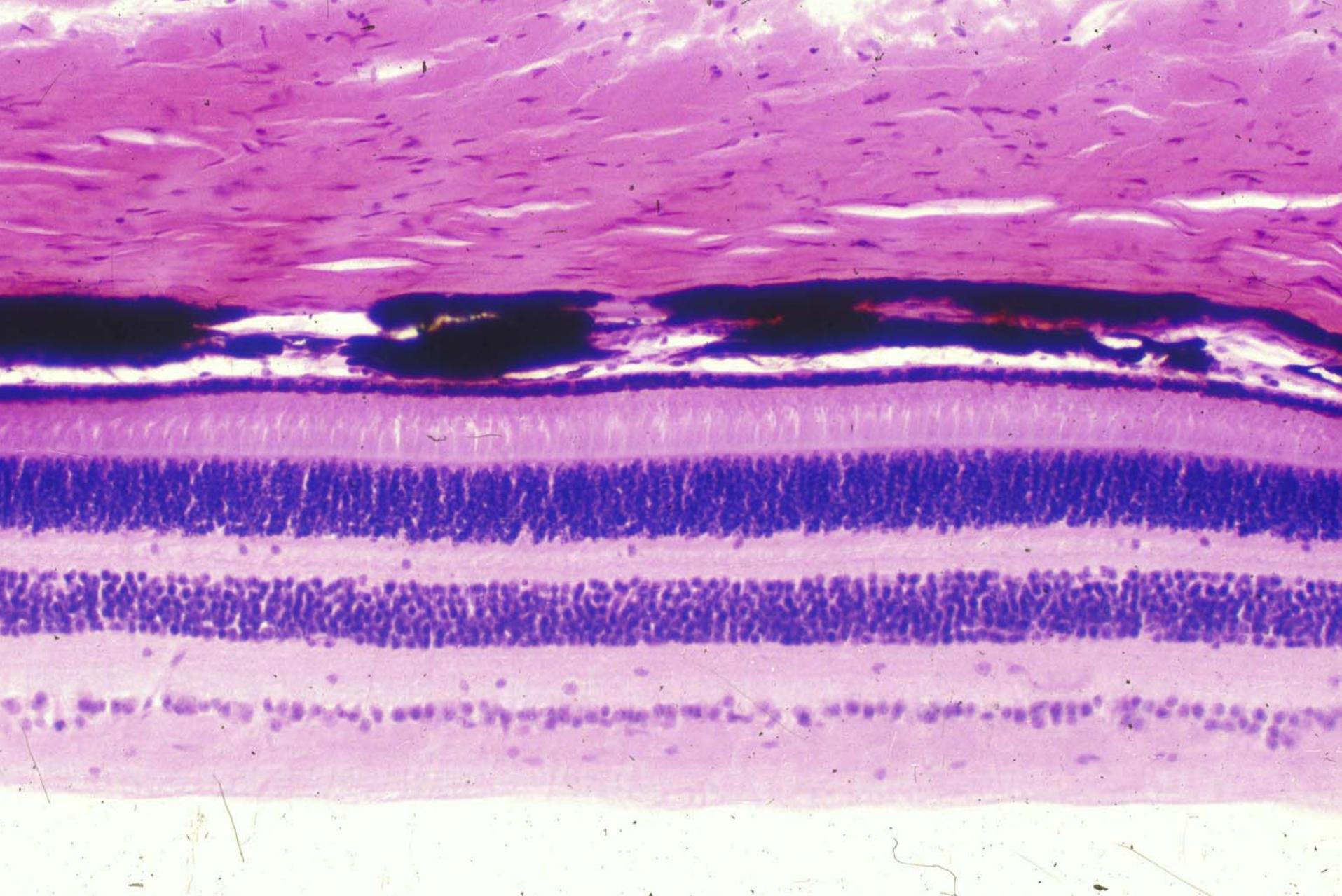
ciliary body



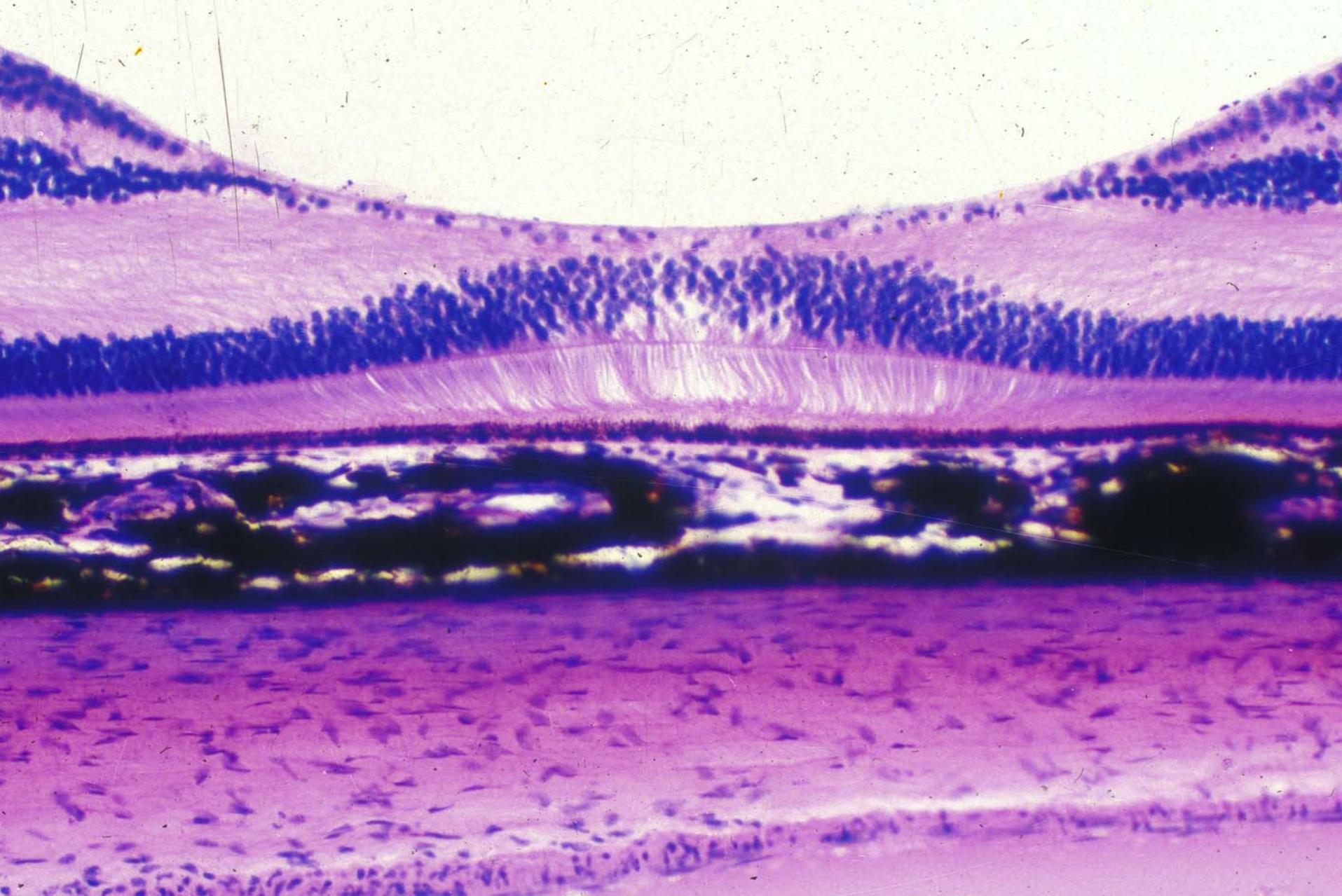
Lens



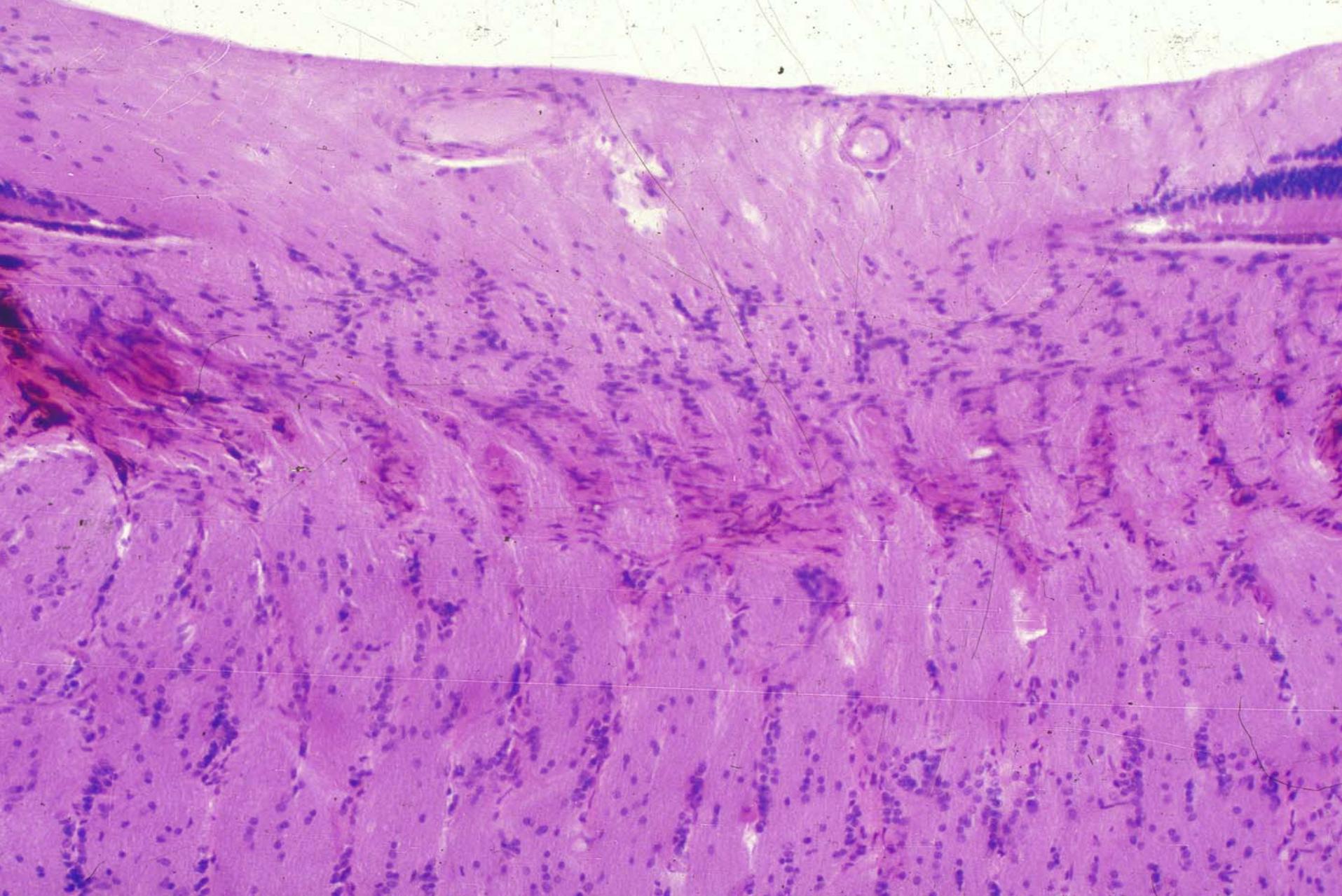
posterior half of the eyeball



Retina



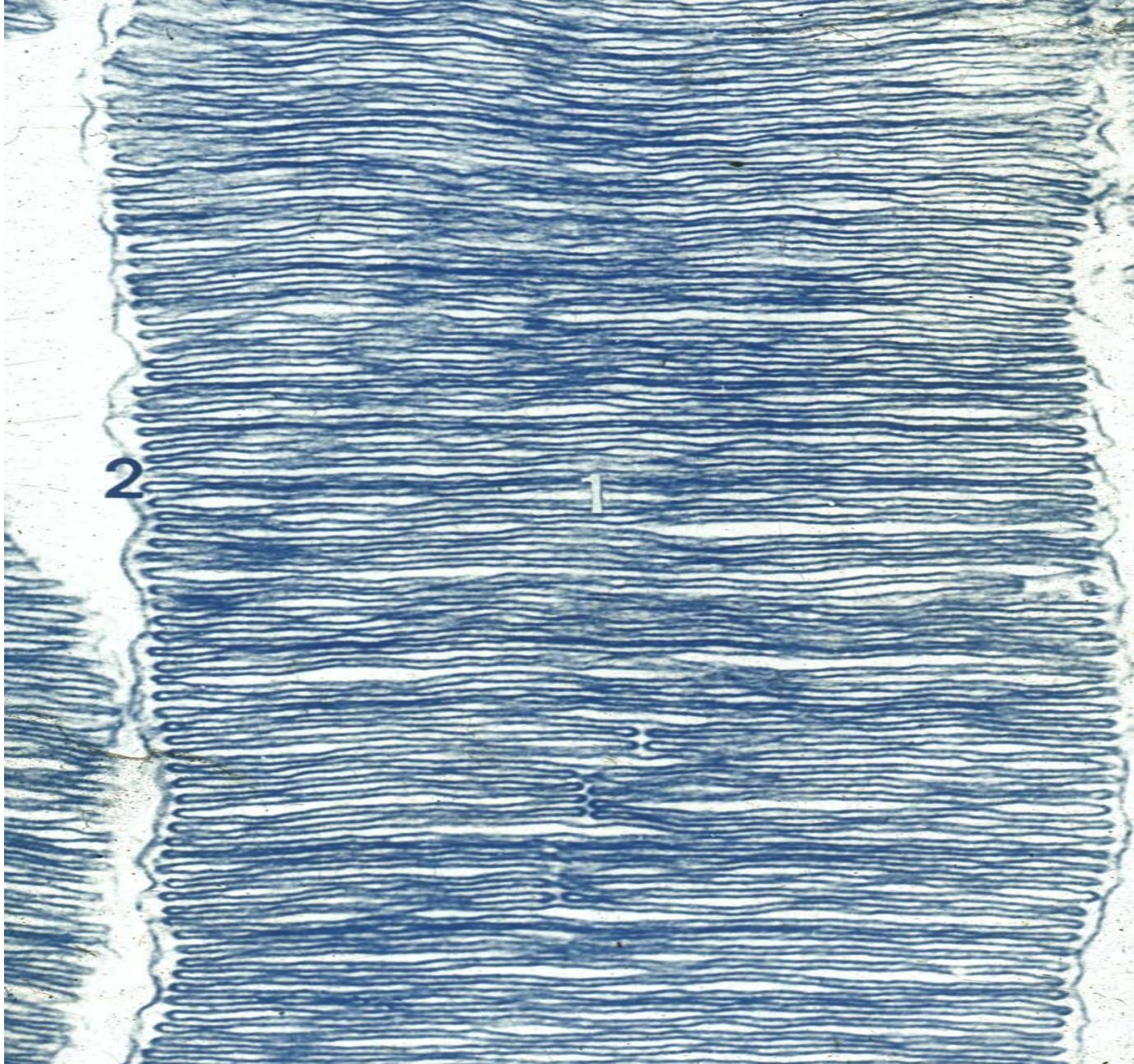
Central fovea



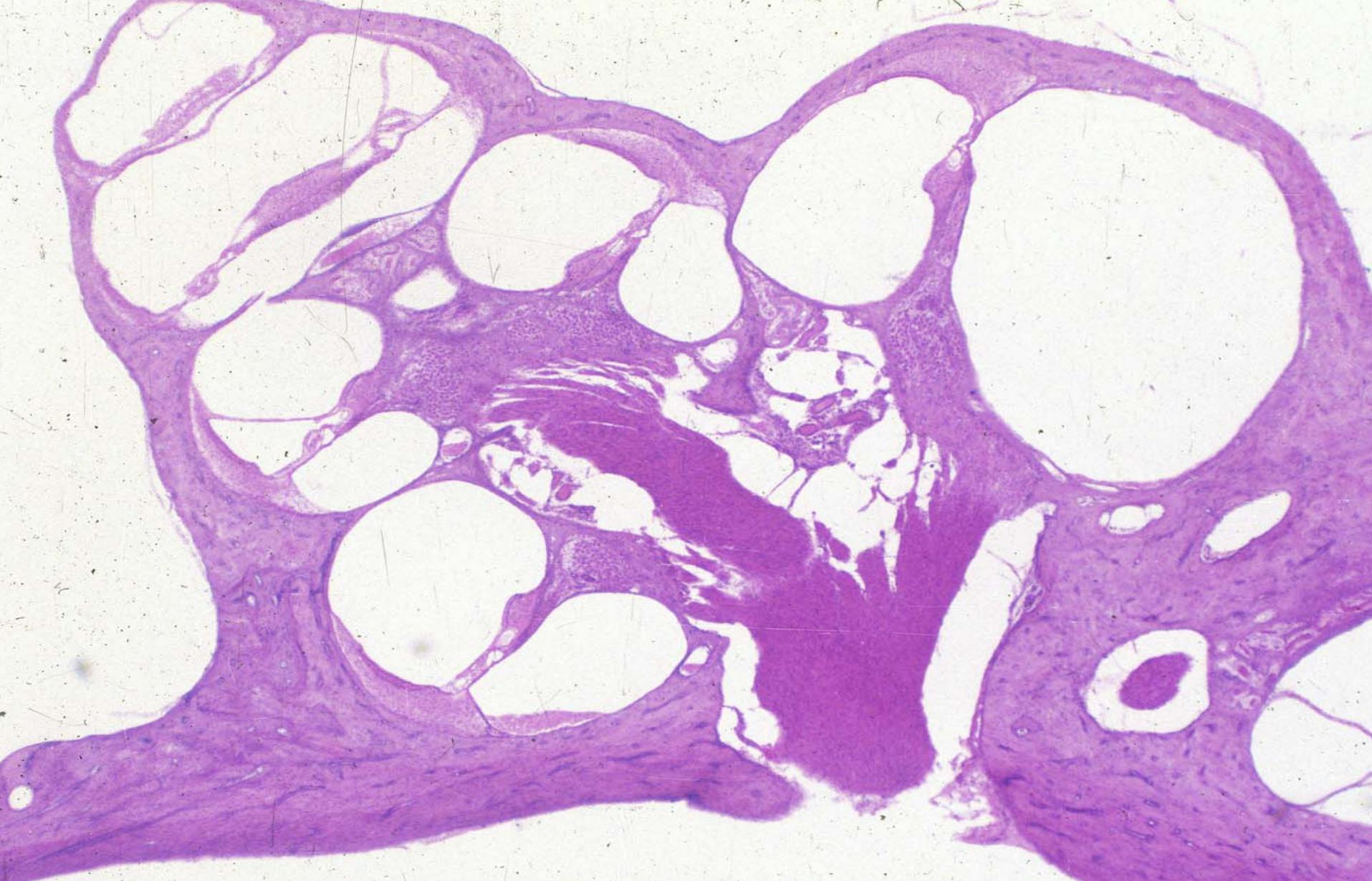
Papilla of optic nerve



Cone cell and rod cell



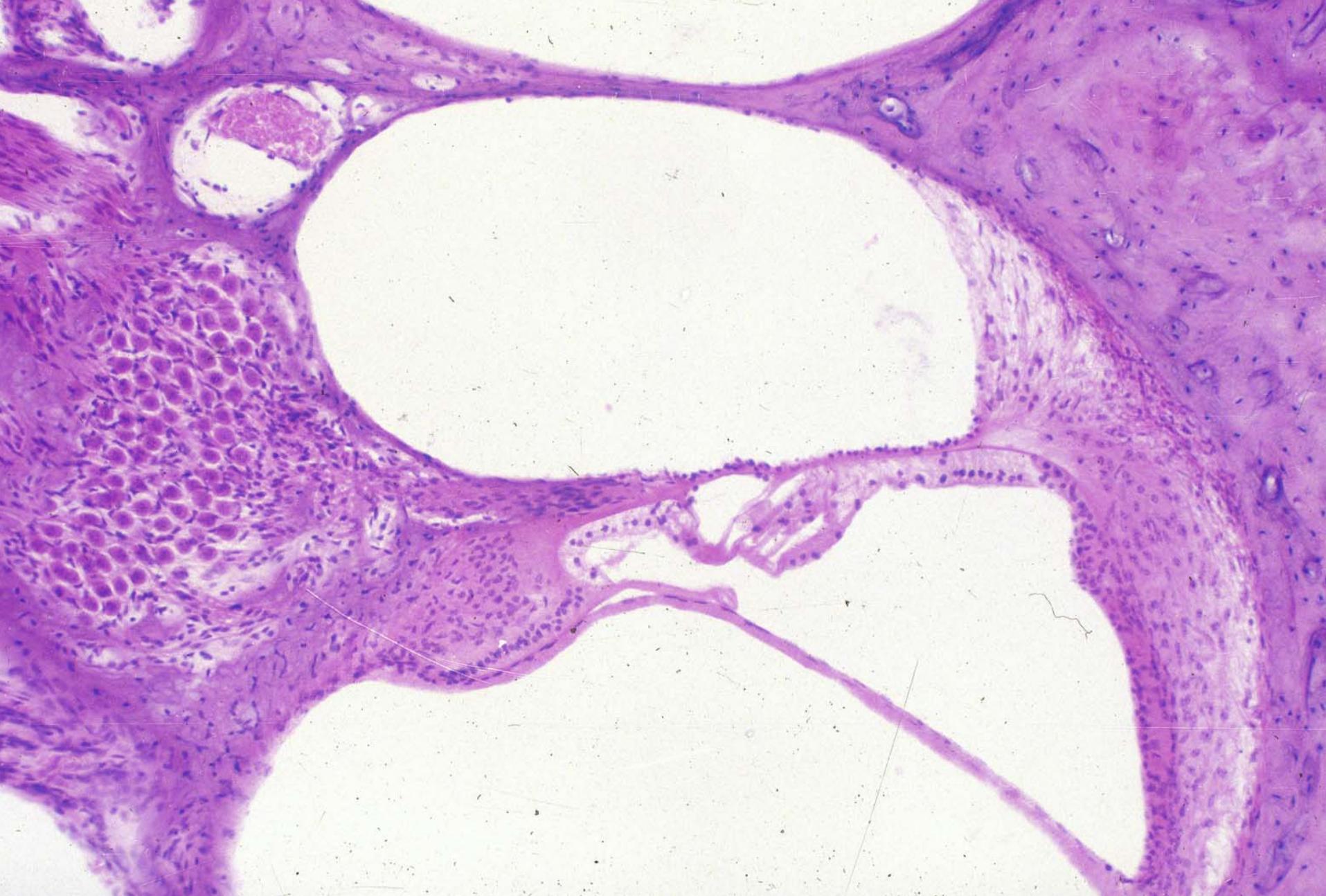
Rod cell



Inner ear



Cochlea (scala vestibuli, scala tympani, scala media)



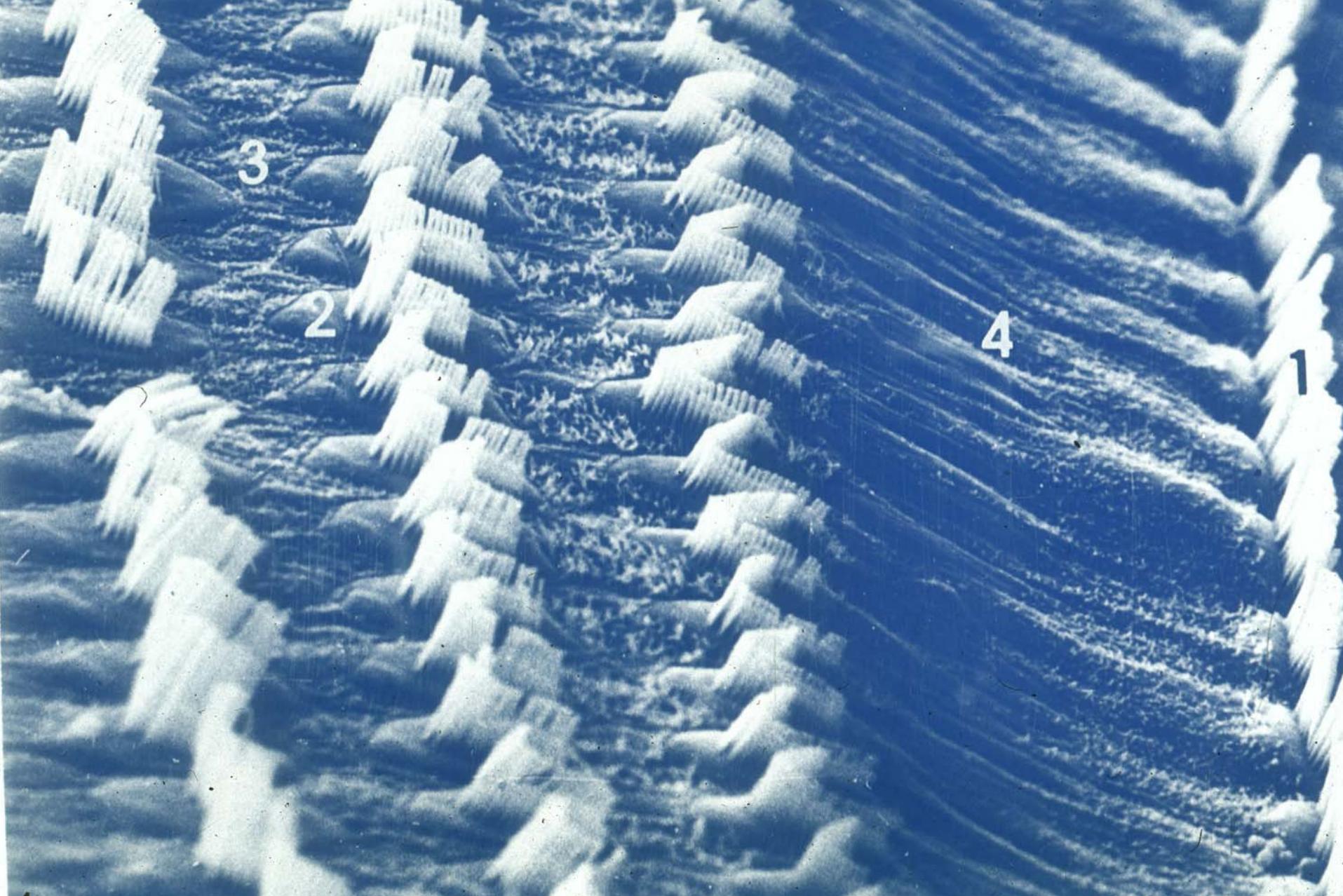
Cochlea (scala vestibuli, scala tympani, scala media)



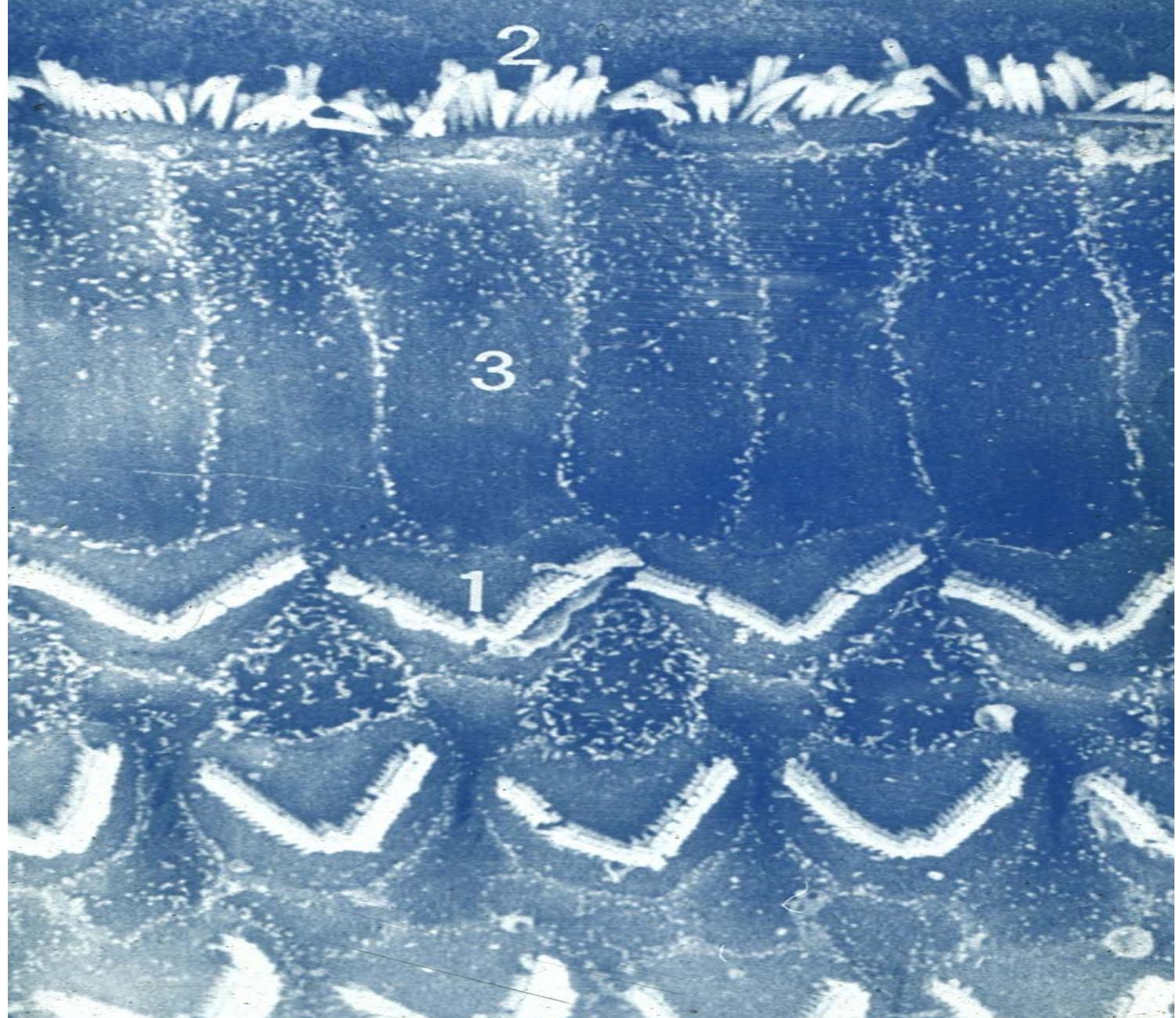
The spiral organ



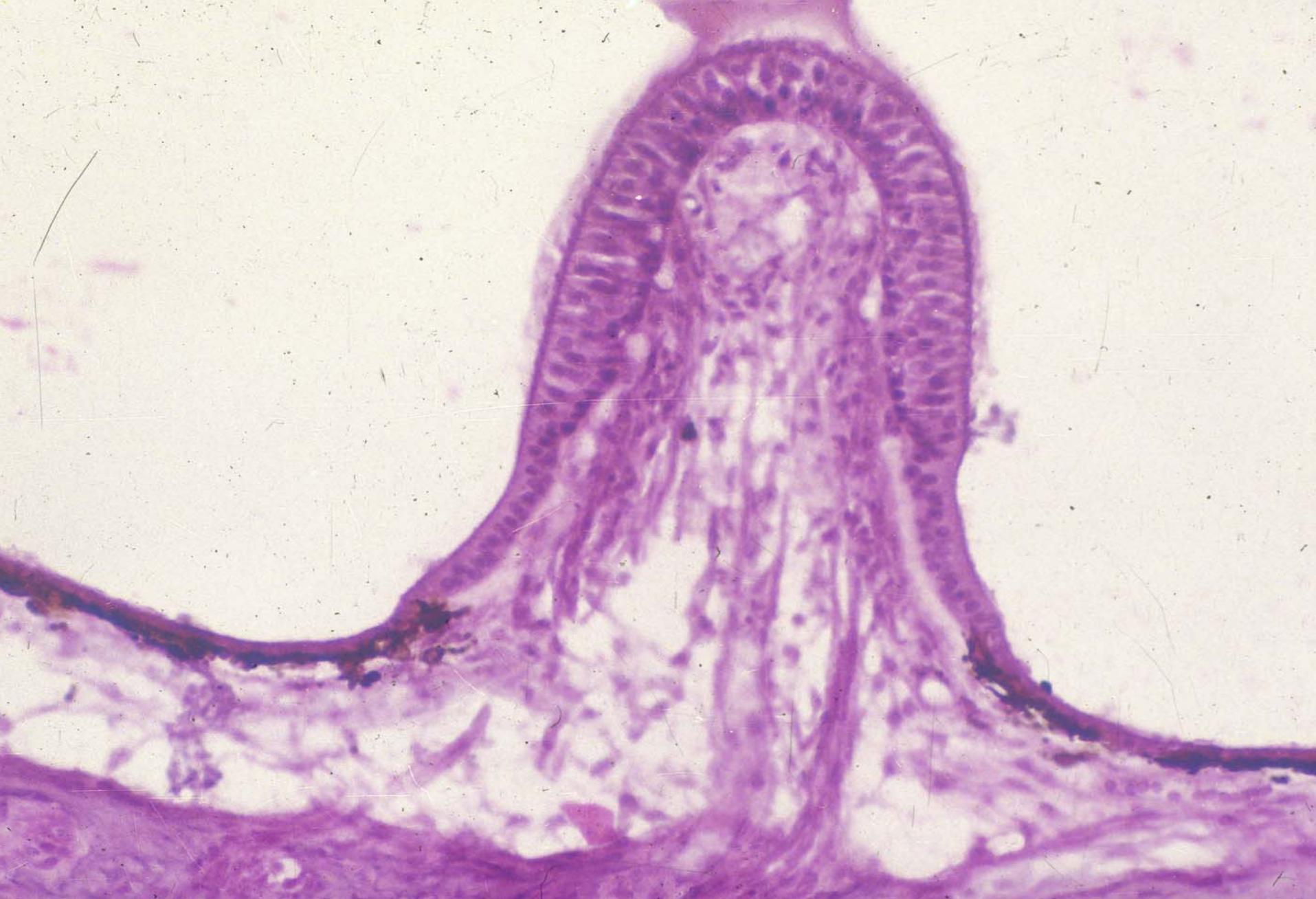
The spiral organ



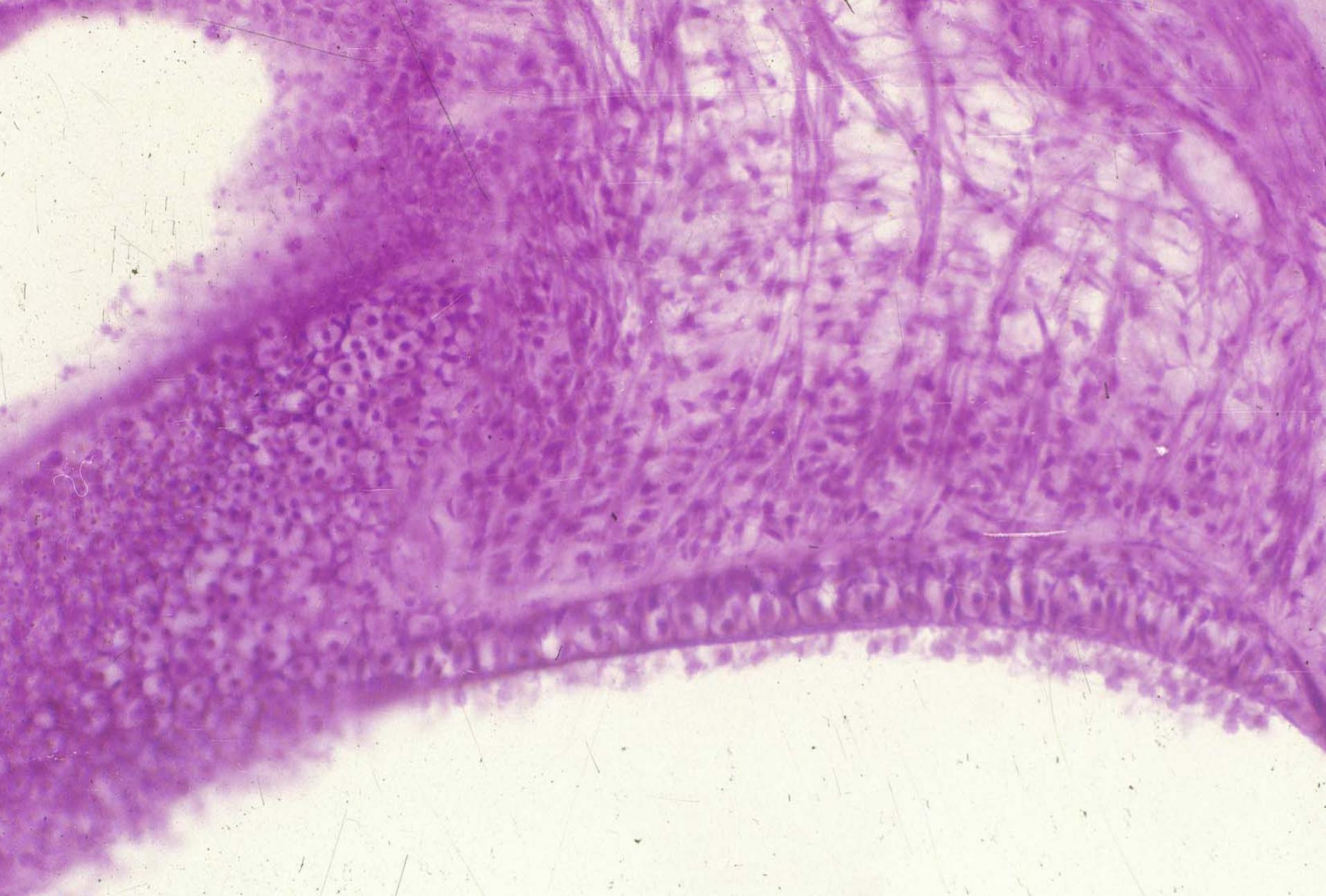
SEM of spiral organ



SEM of spiral organ



Crista ampullaris



Macula acustica

# Summary

The structure and function of eyeball.