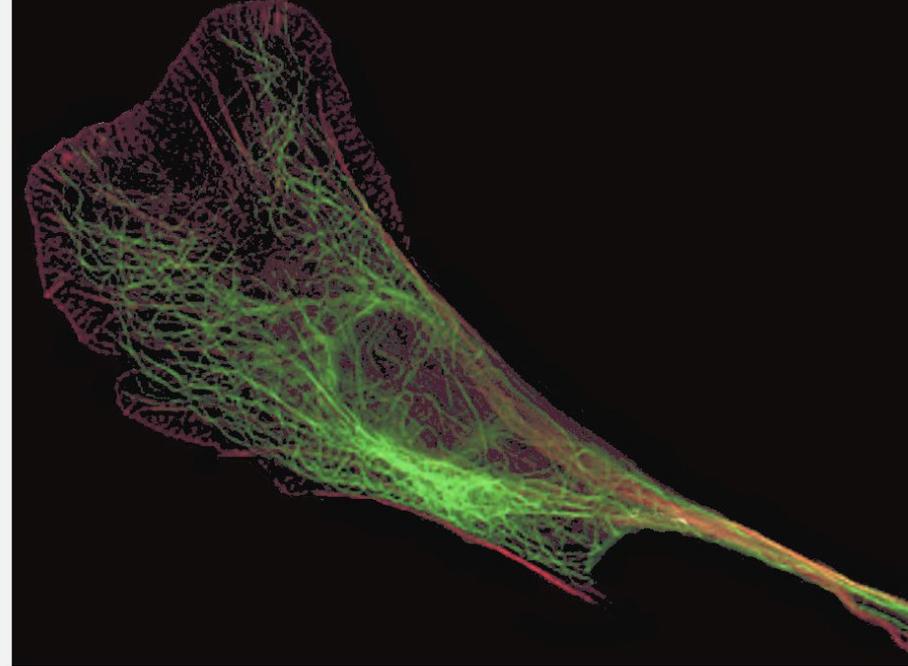
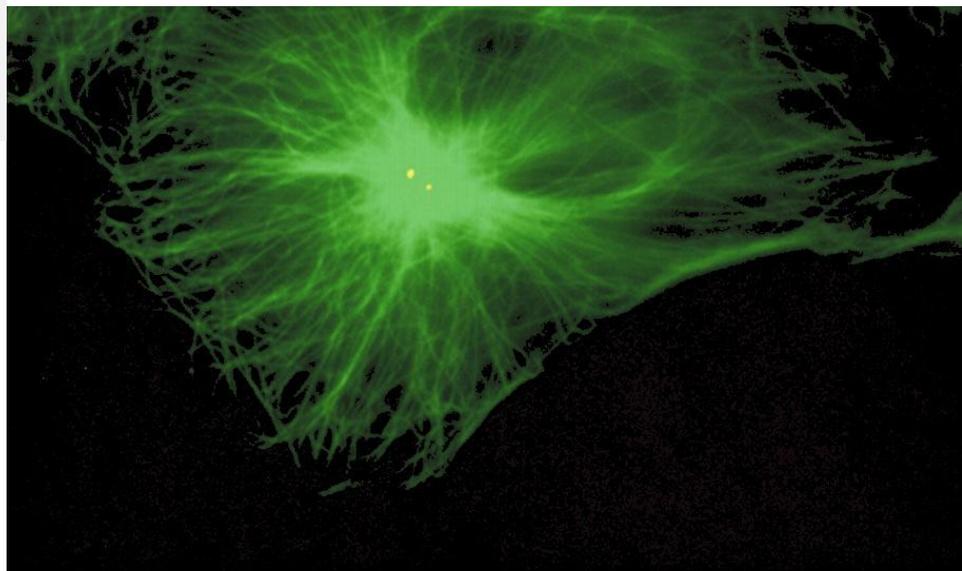


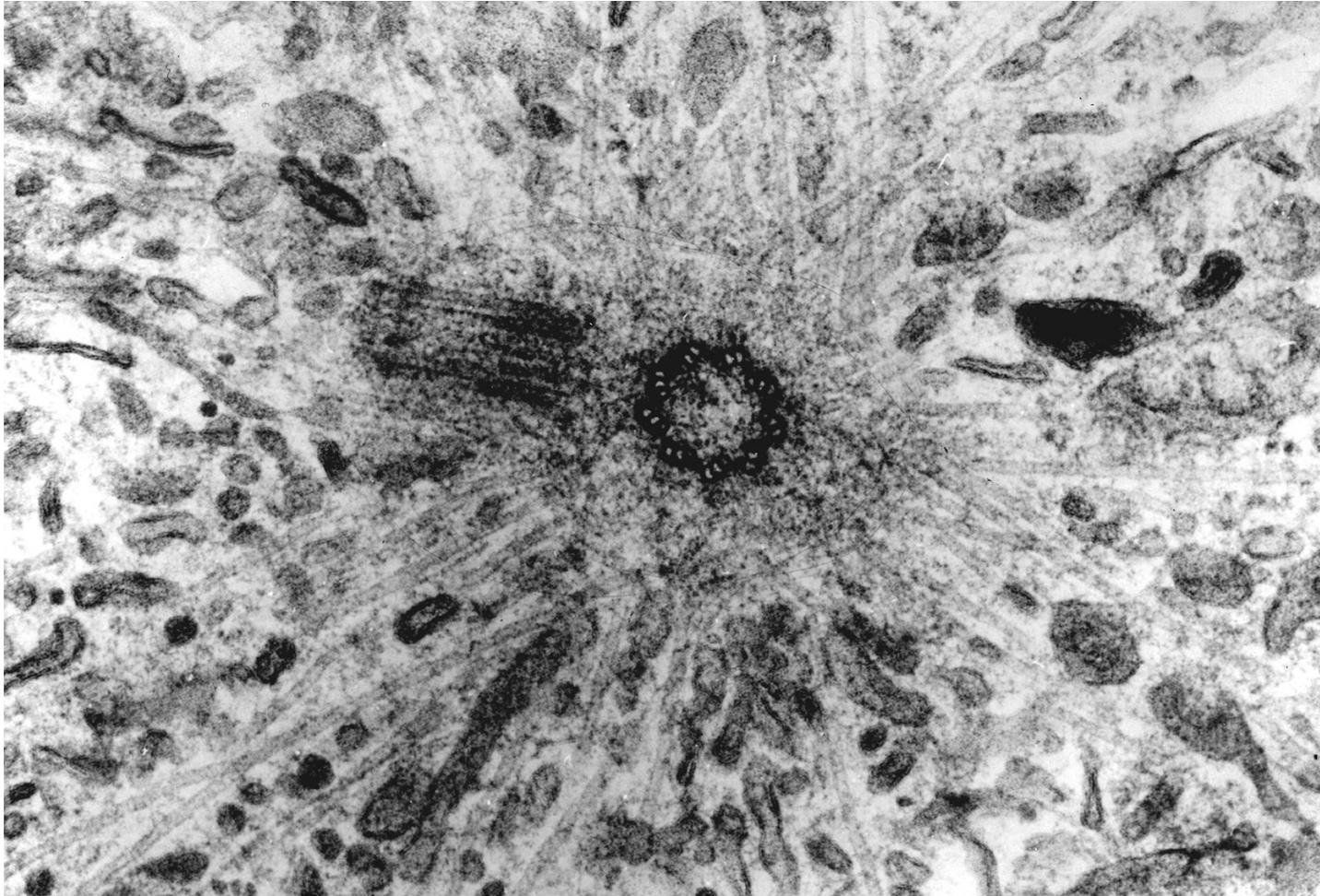
# Митоз и апоптоз



**Двойное окрашивание фибробласта:  
 $\alpha$ -тубулин и актин**

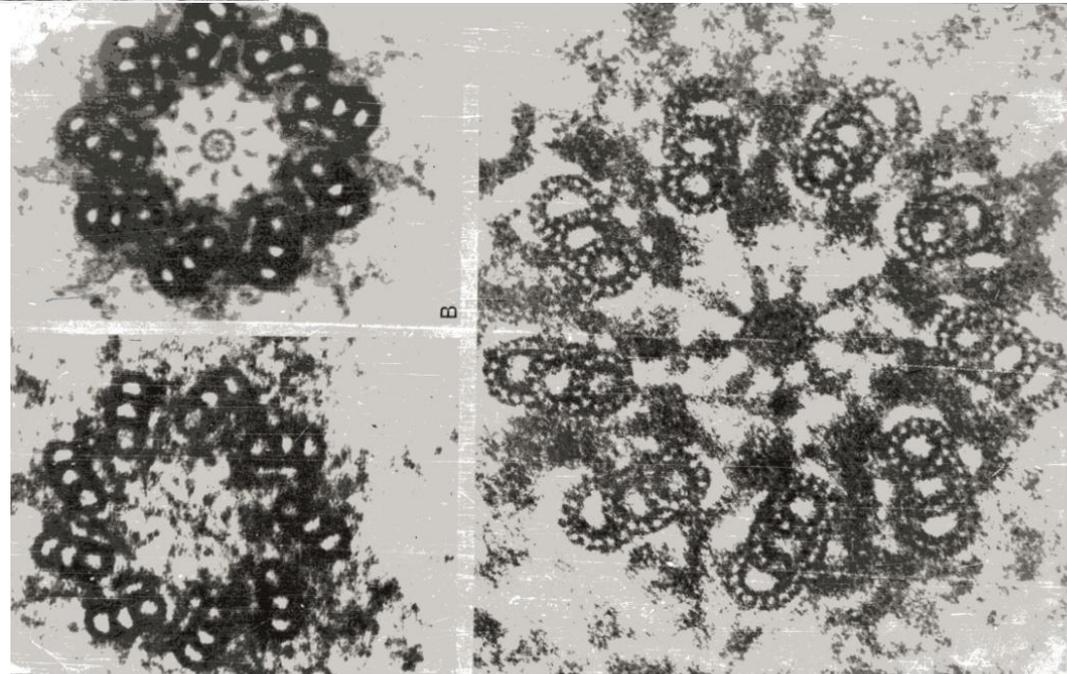


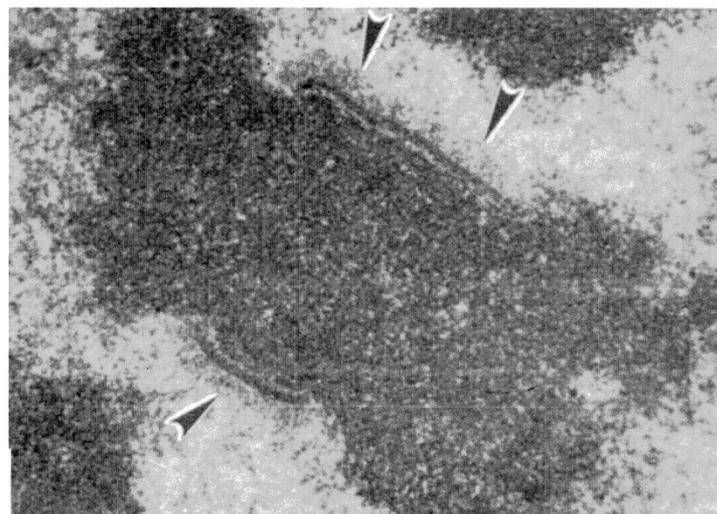
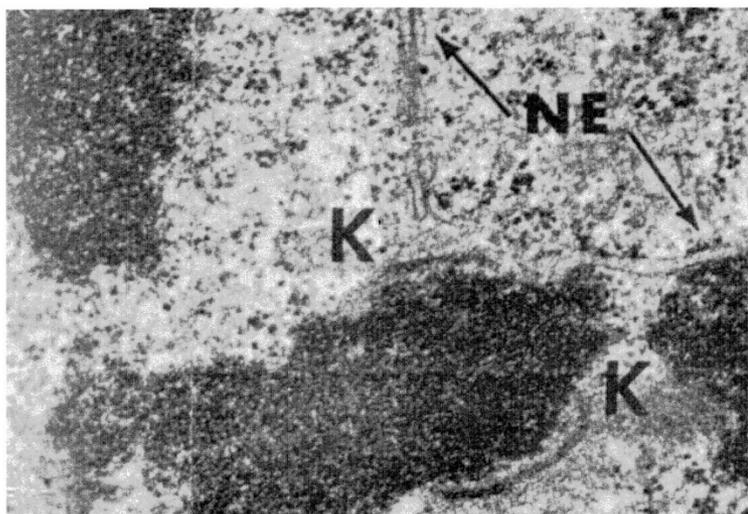
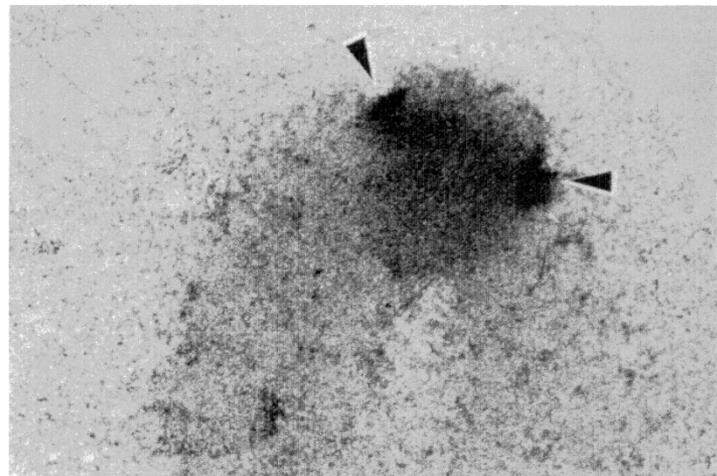
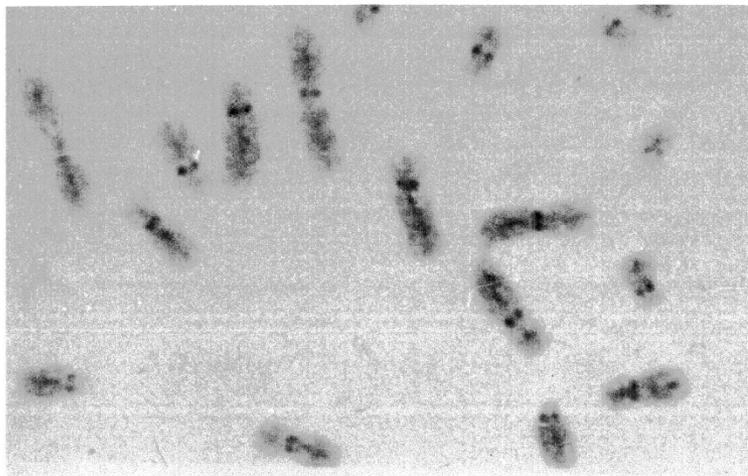
**Удвоение centrosомы. Двойное окрашивание:  
 $\alpha$ -тубулин,  $\gamma$ -тубулин**



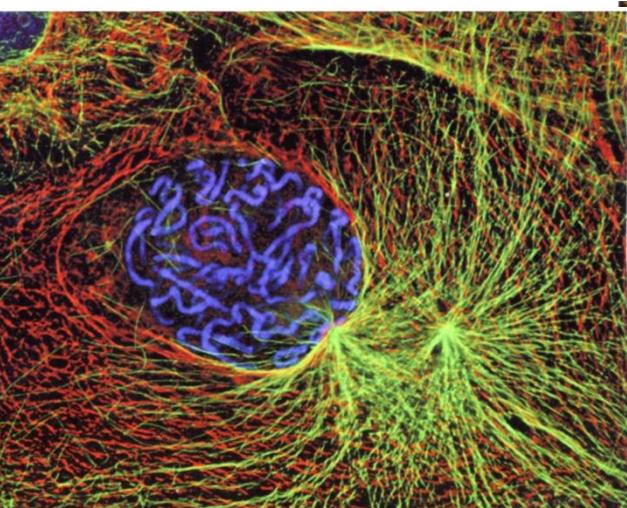
Центросома и микротрубочки в митозе

Клеточный центр в  
интерфазе (центросома)

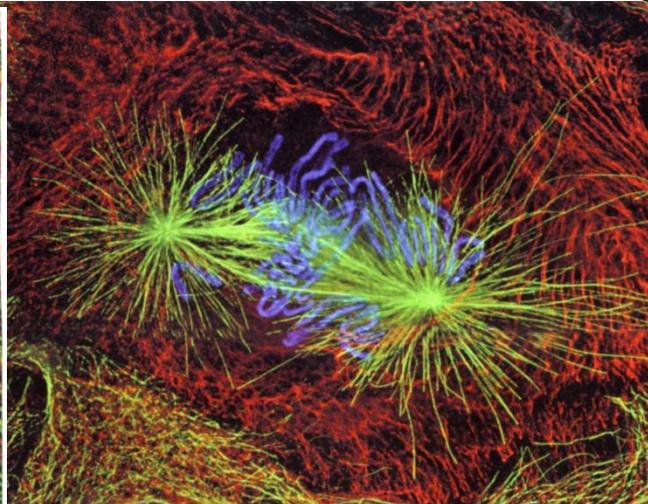




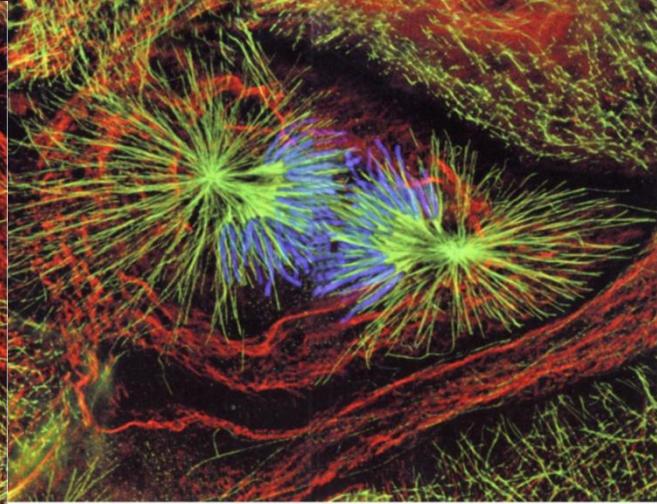
**Кинетохор**



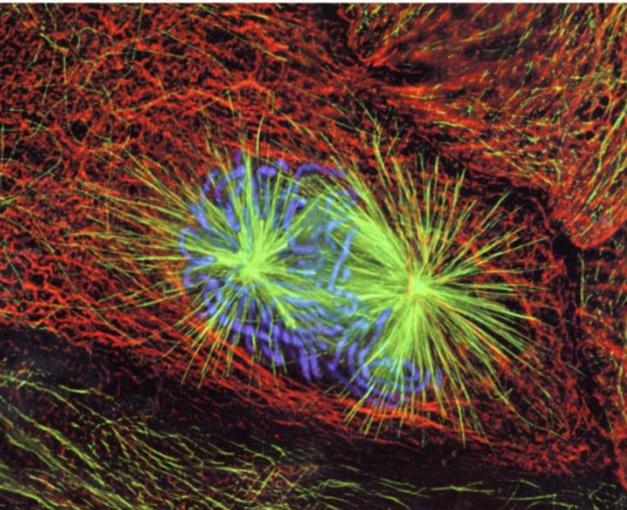
Профаза



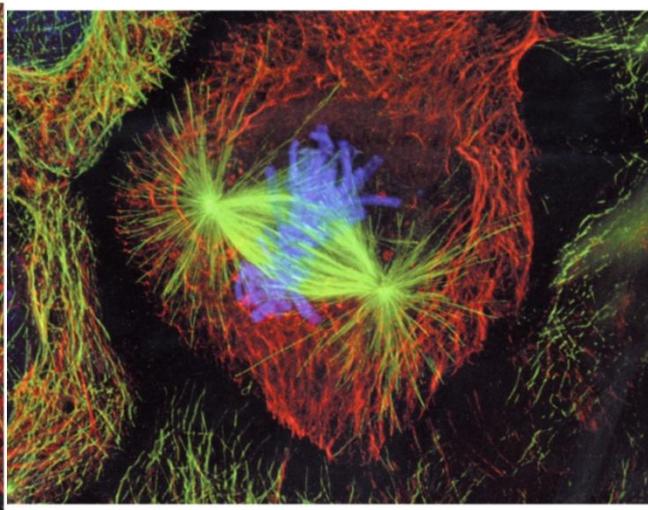
Прометафаза



Анафаза



Прометафаза



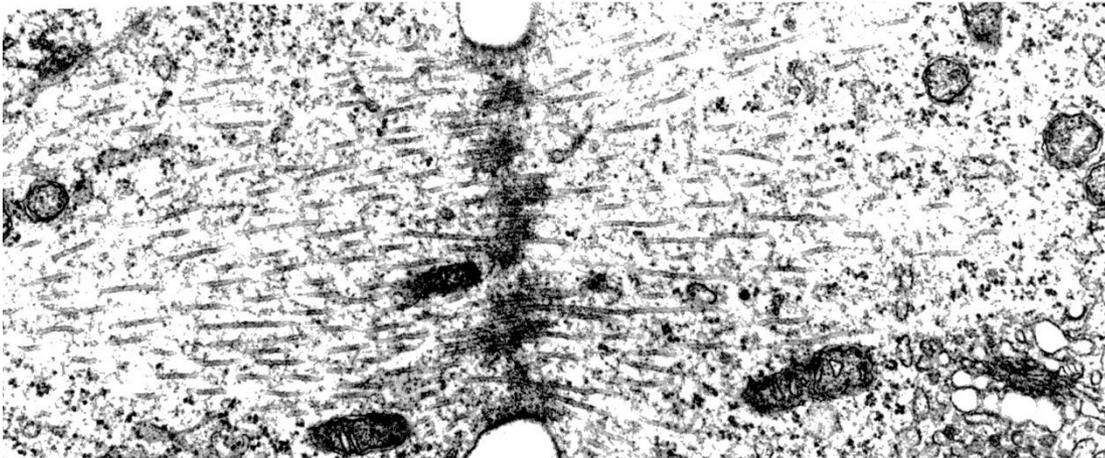
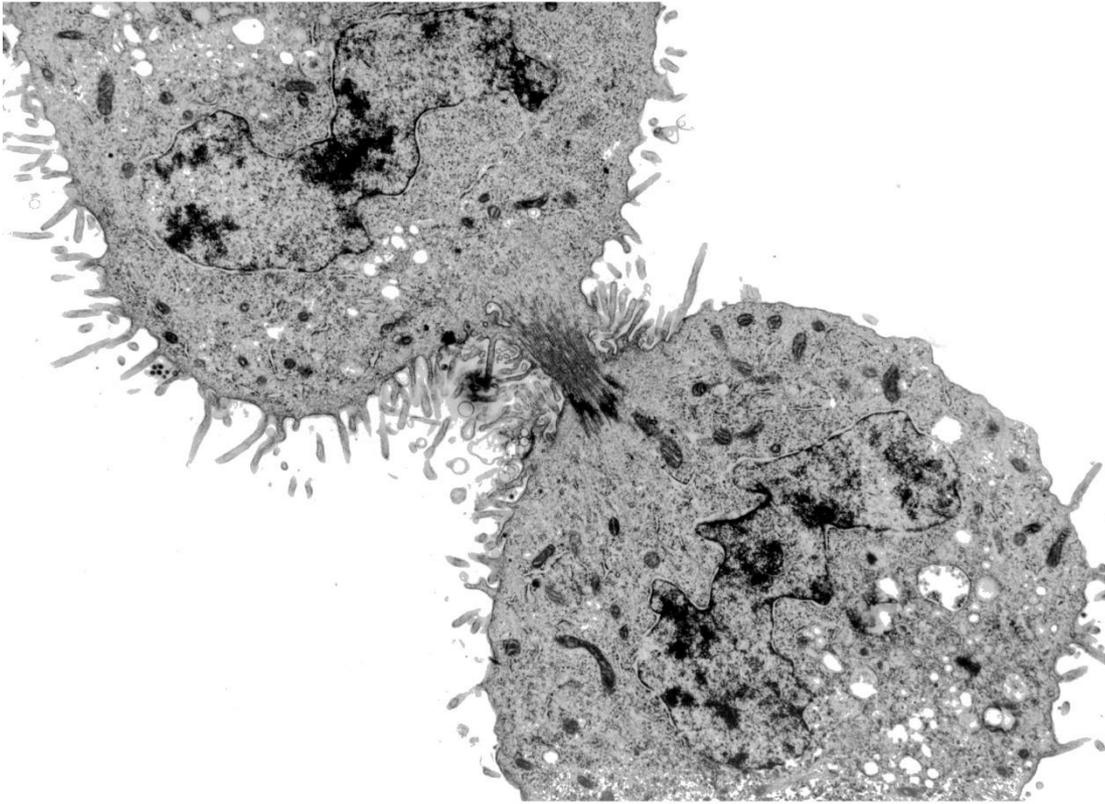
Метафаза

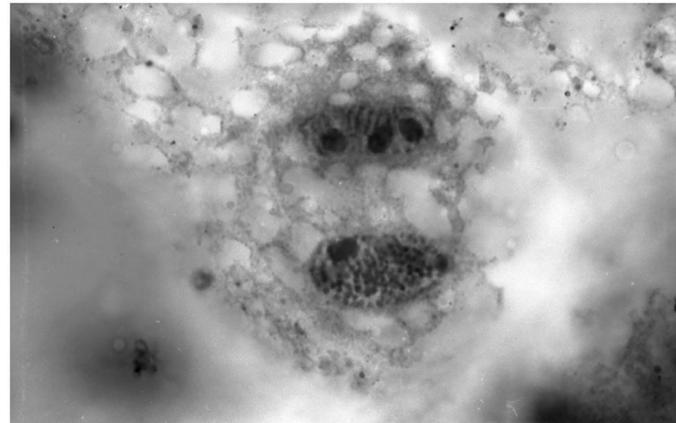
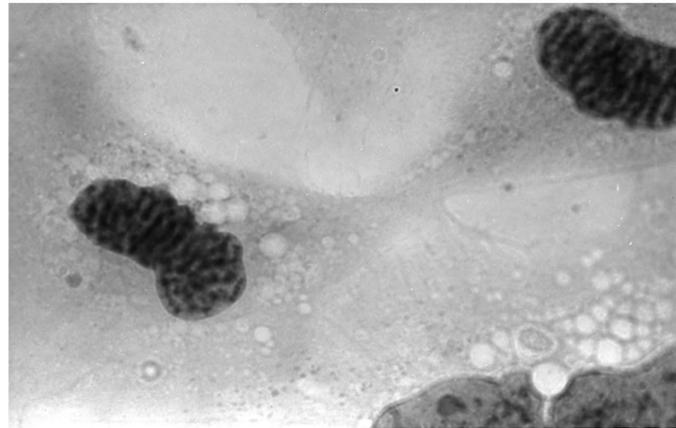
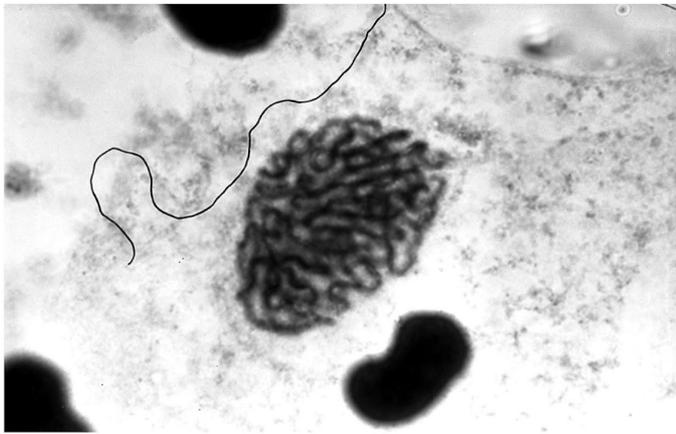
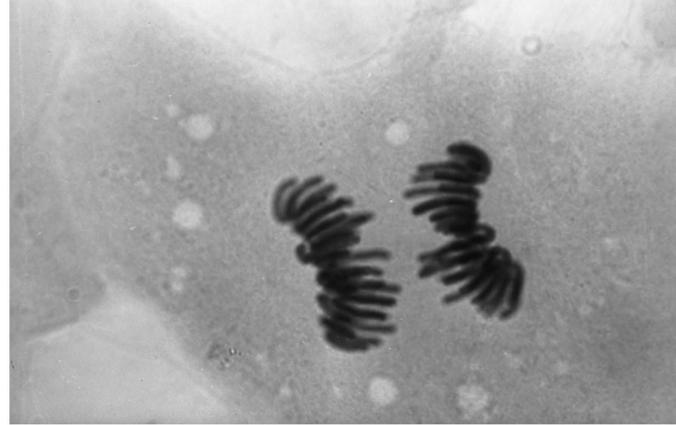
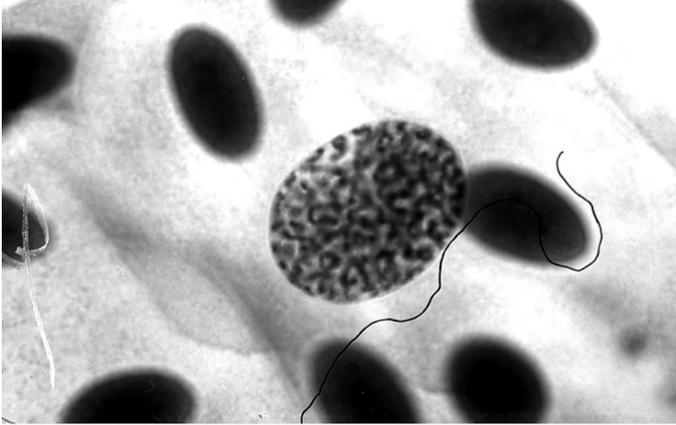


Телофаза

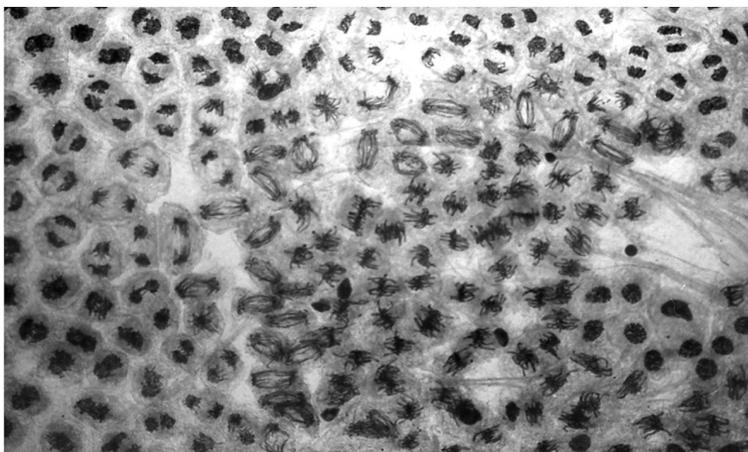
## МИТОЗ В ЖИВОТНОЙ КЛЕТКЕ

# Цитокинез





Митозы в клетках культуры пневмоцитов тритона

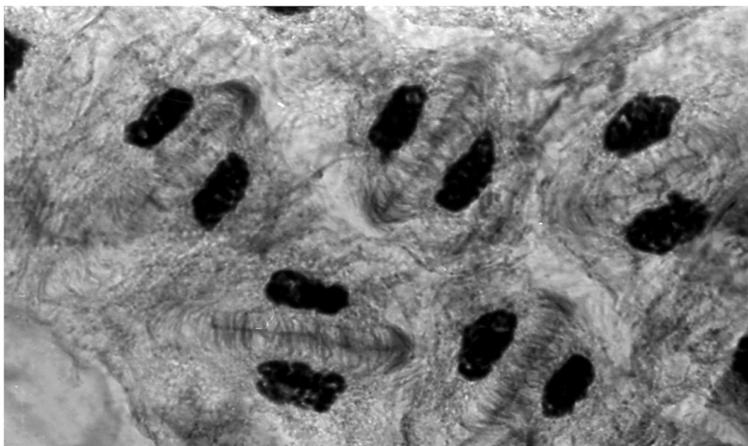


Митоз в  
эндосперме  
пшеницы

А. Митотическая  
волна



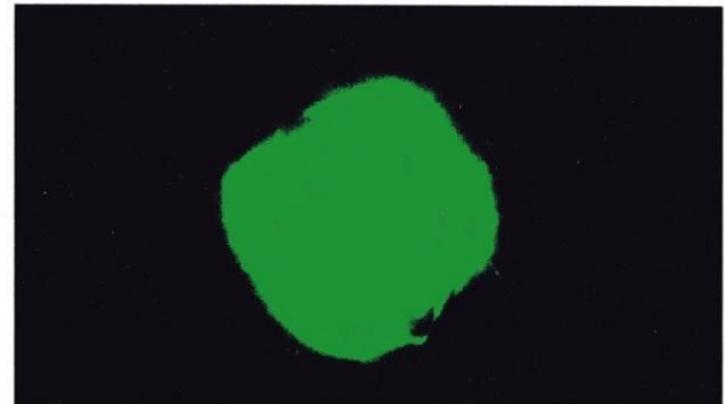
Б. Анафаза,  
телофаза



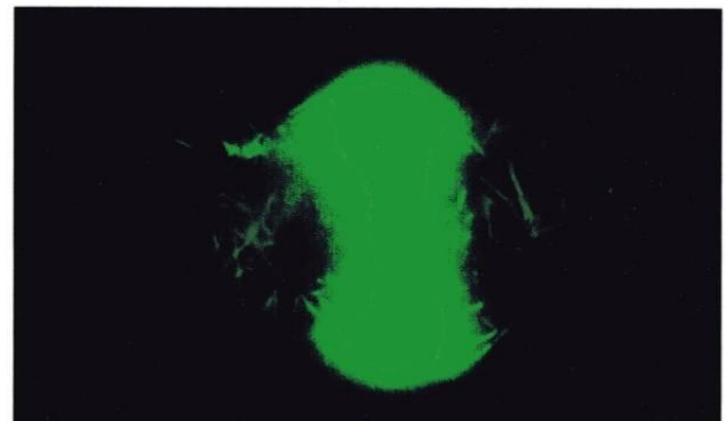
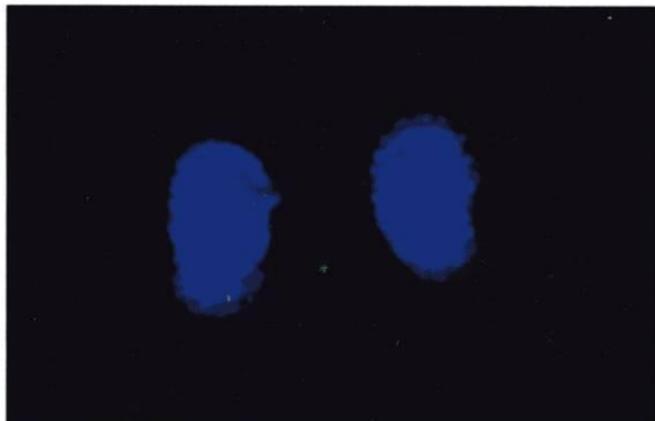
В. Телофаза  
(фрагмопласт)

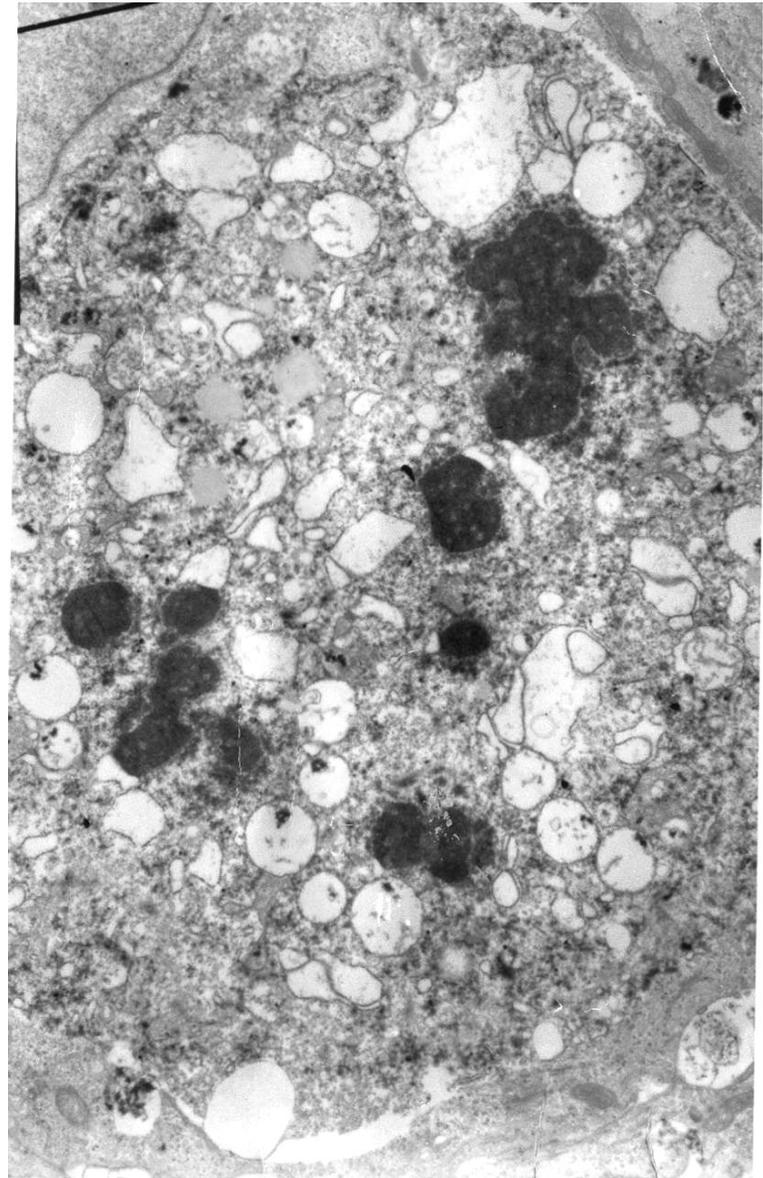
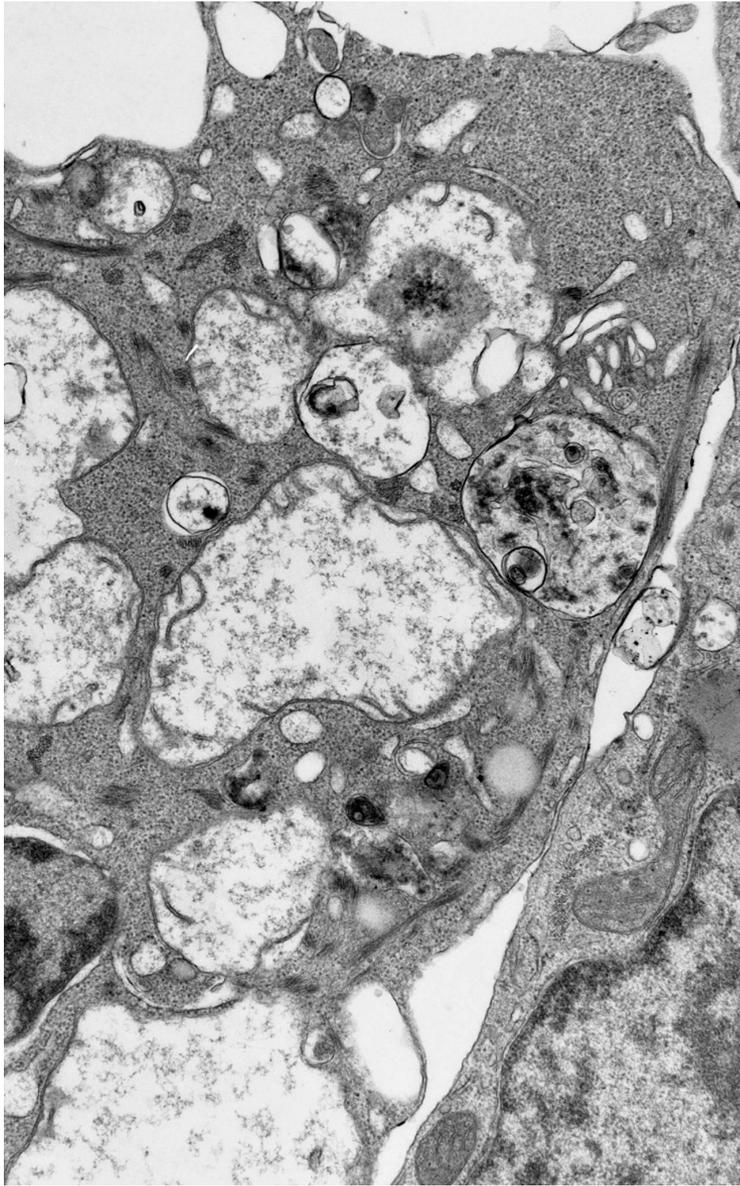
Клетки меристемы корня пшеницы *Triticum aestivum*

АНАФАЗА

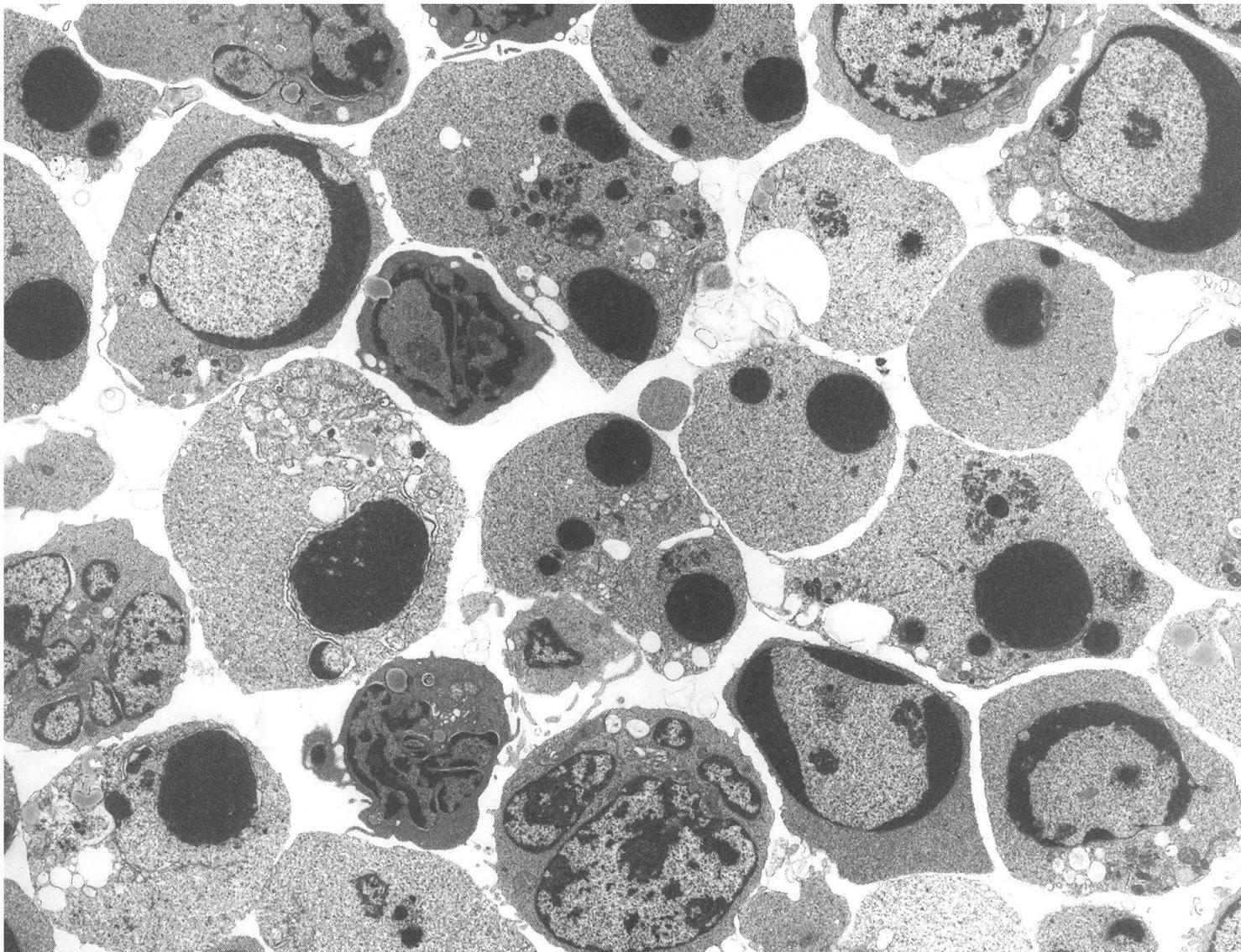


ТЕЛОФАЗА



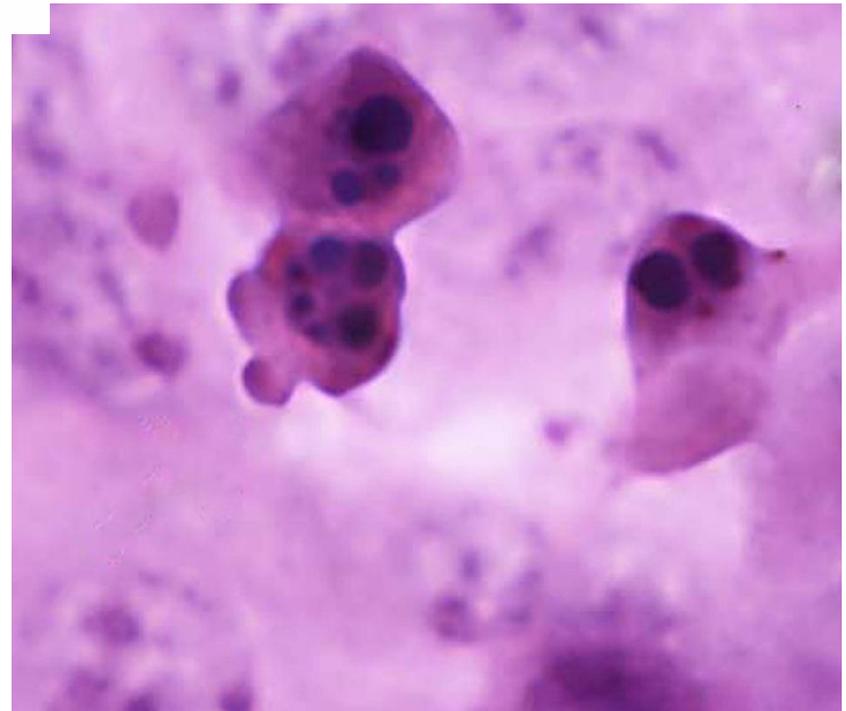
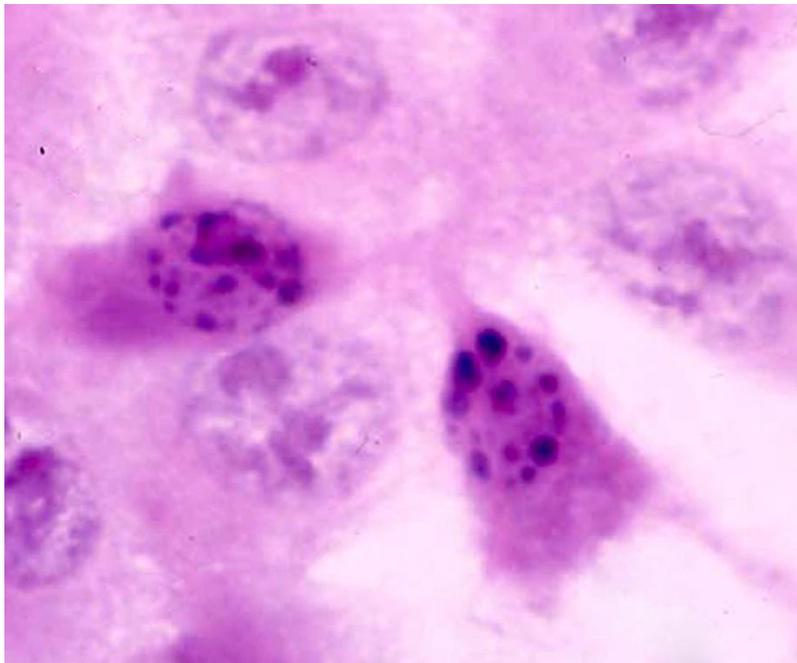
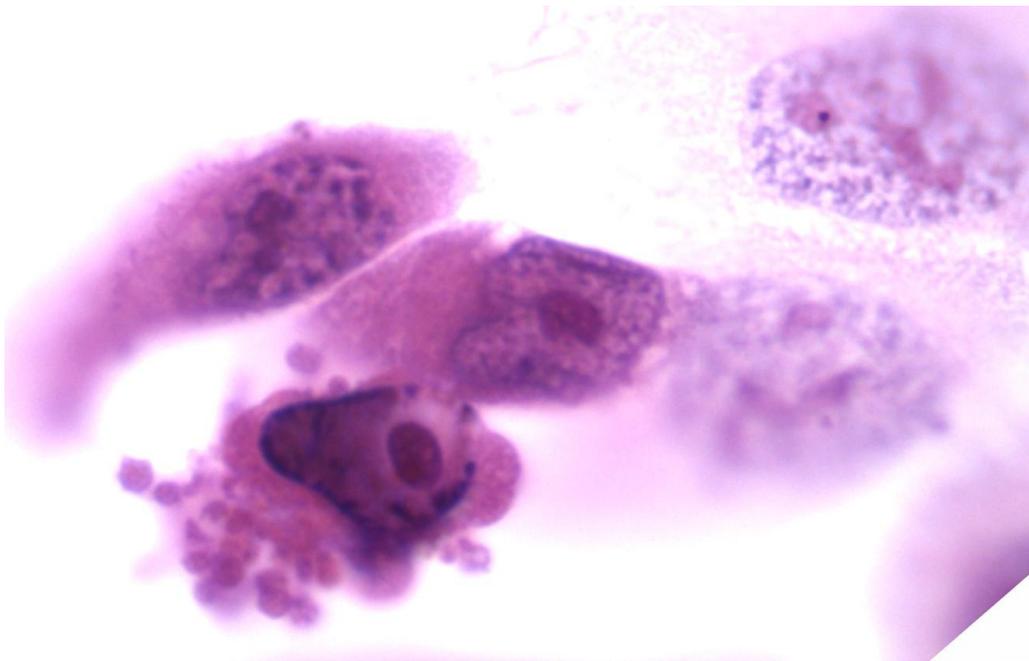


Стадии некроза

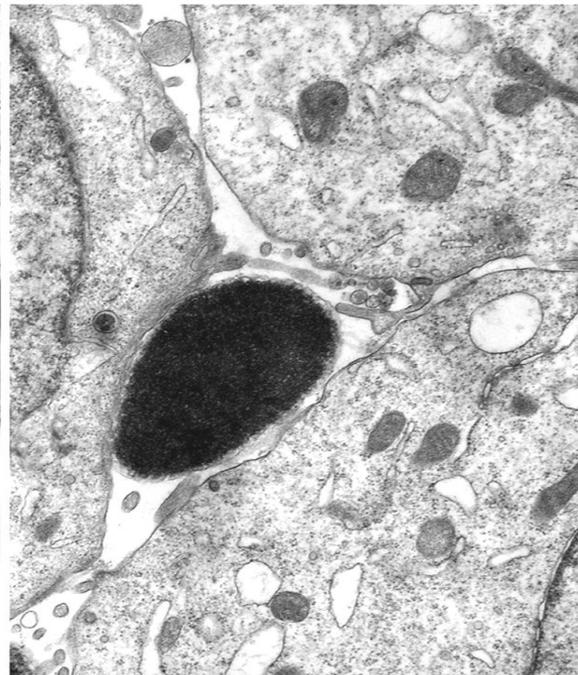
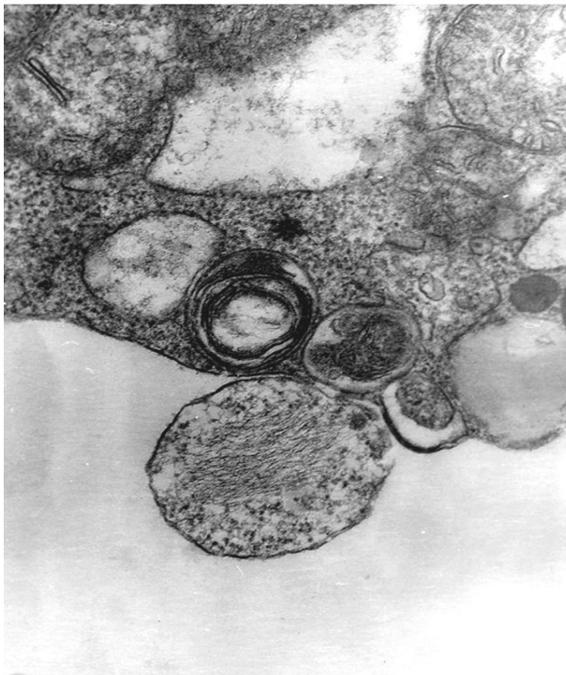
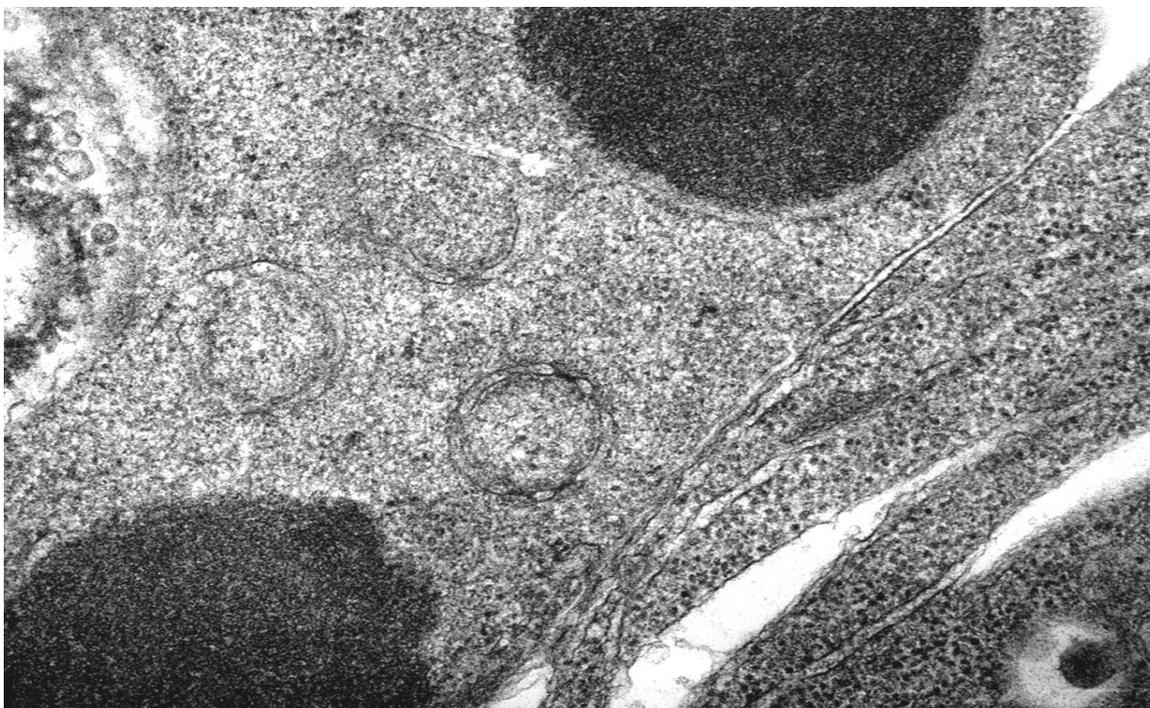


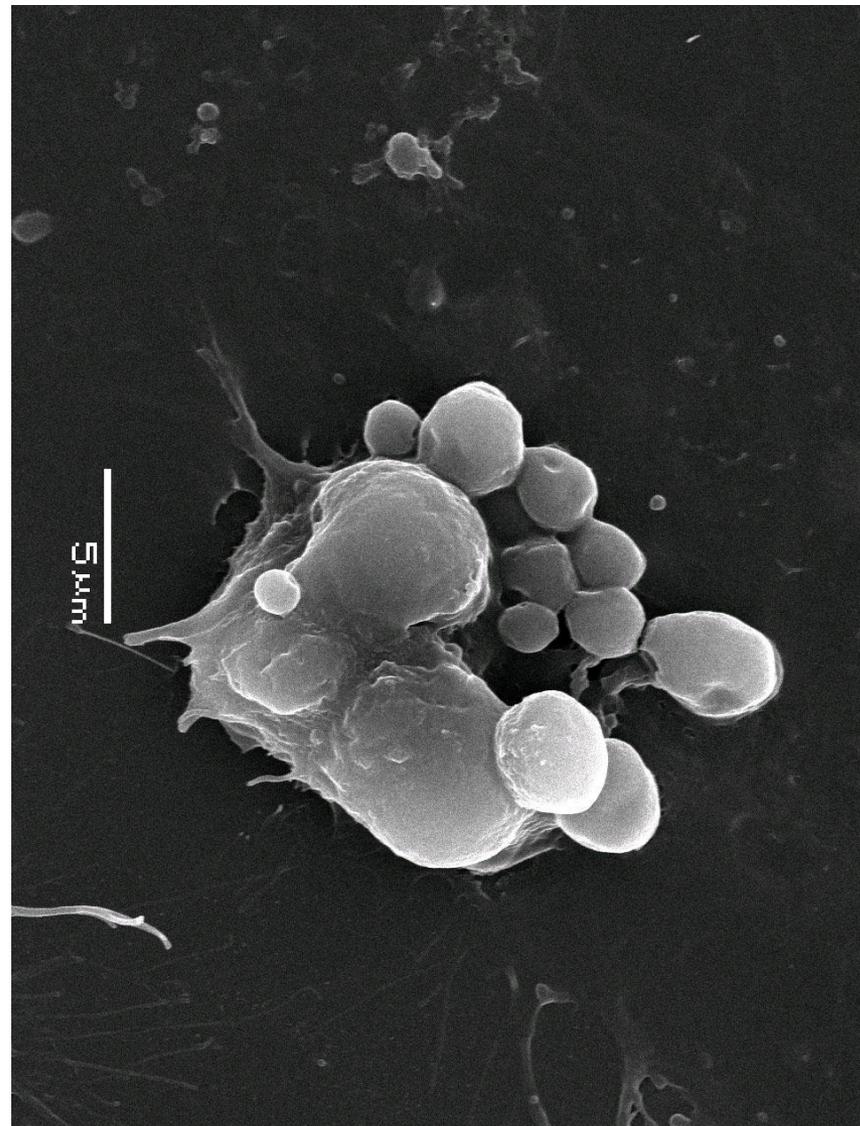
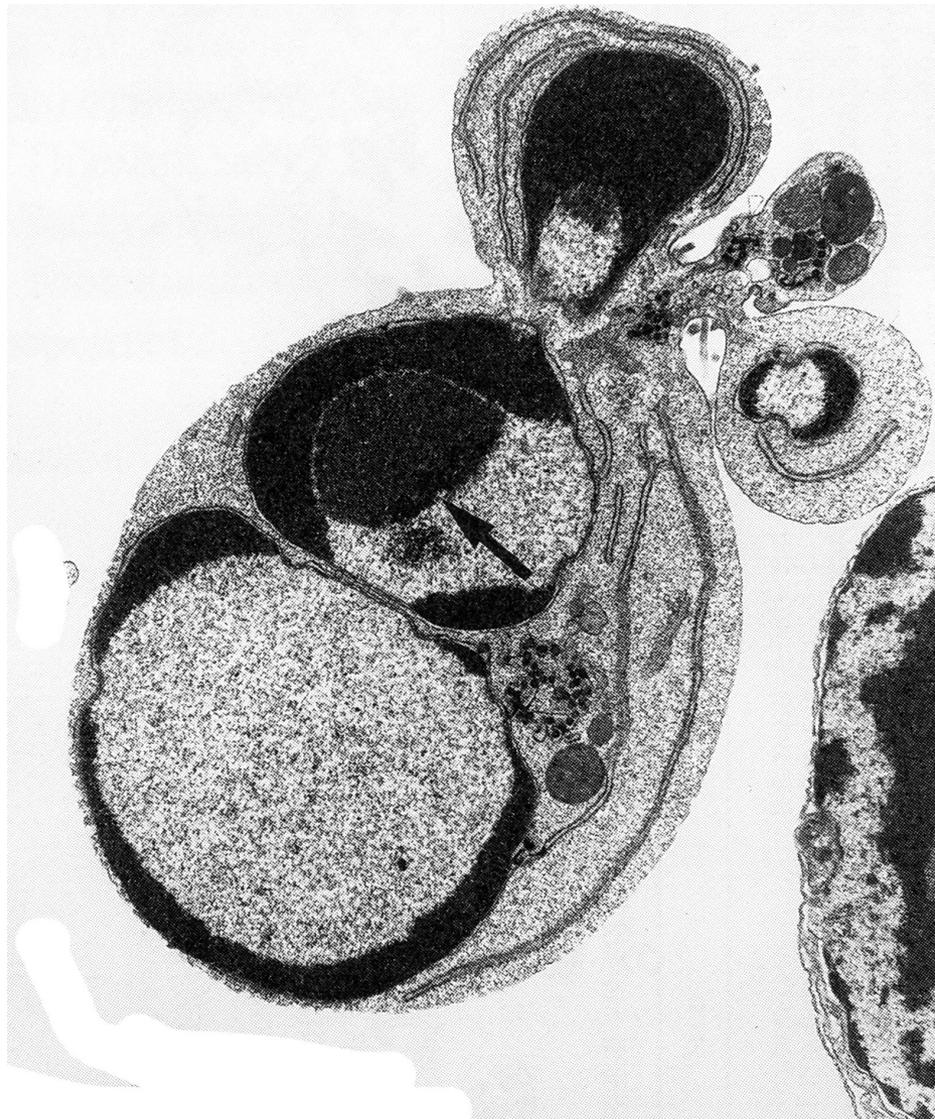
Апоптотические клетки лимфомы при  
тепловом шоке

# ΑΠΟΠΤΩΣ



# Стадии апоптоза





Блеббинг

# Иммуноцитохимическое окрашивание на активную каспазу 3

