

Морфология микроорганизмов

31.02.01 Лечебное дело

34.02.01 Сестринское дело

Лекция Скворцовой И.Е.

2019



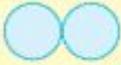


Cocci

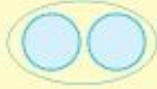
coccus



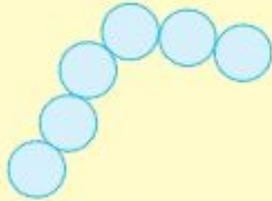
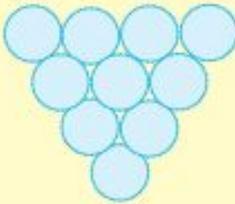
diplococci



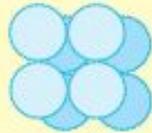
diplococci
encapsulated
Pneumococcus



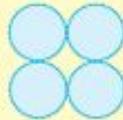
Staphylococci



streptococci



sarcina



tetrad

Bacilli



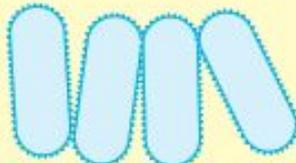
coccobacillus.



bacillus



diplobacilli



palisades.



Streptobacilli

Budding and appendaged bacteria



hypha

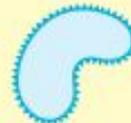


stalk

Others



enlarged rod
Fusobacterium



Vibrio



Comma's form
Bdellovibrio



Club Rod
Corynebacteriaceae



Helical form
Helicobacter pylori



Corkscrew's form
Borrelia burgdorferi

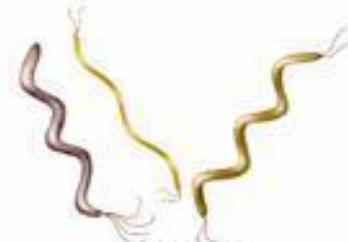
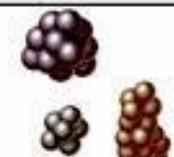
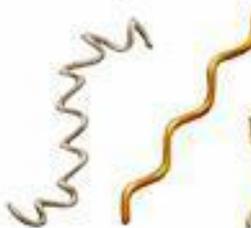


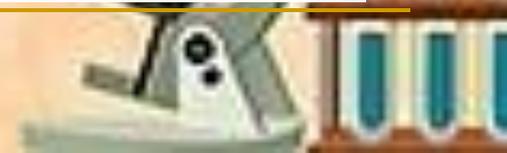
Filamentous

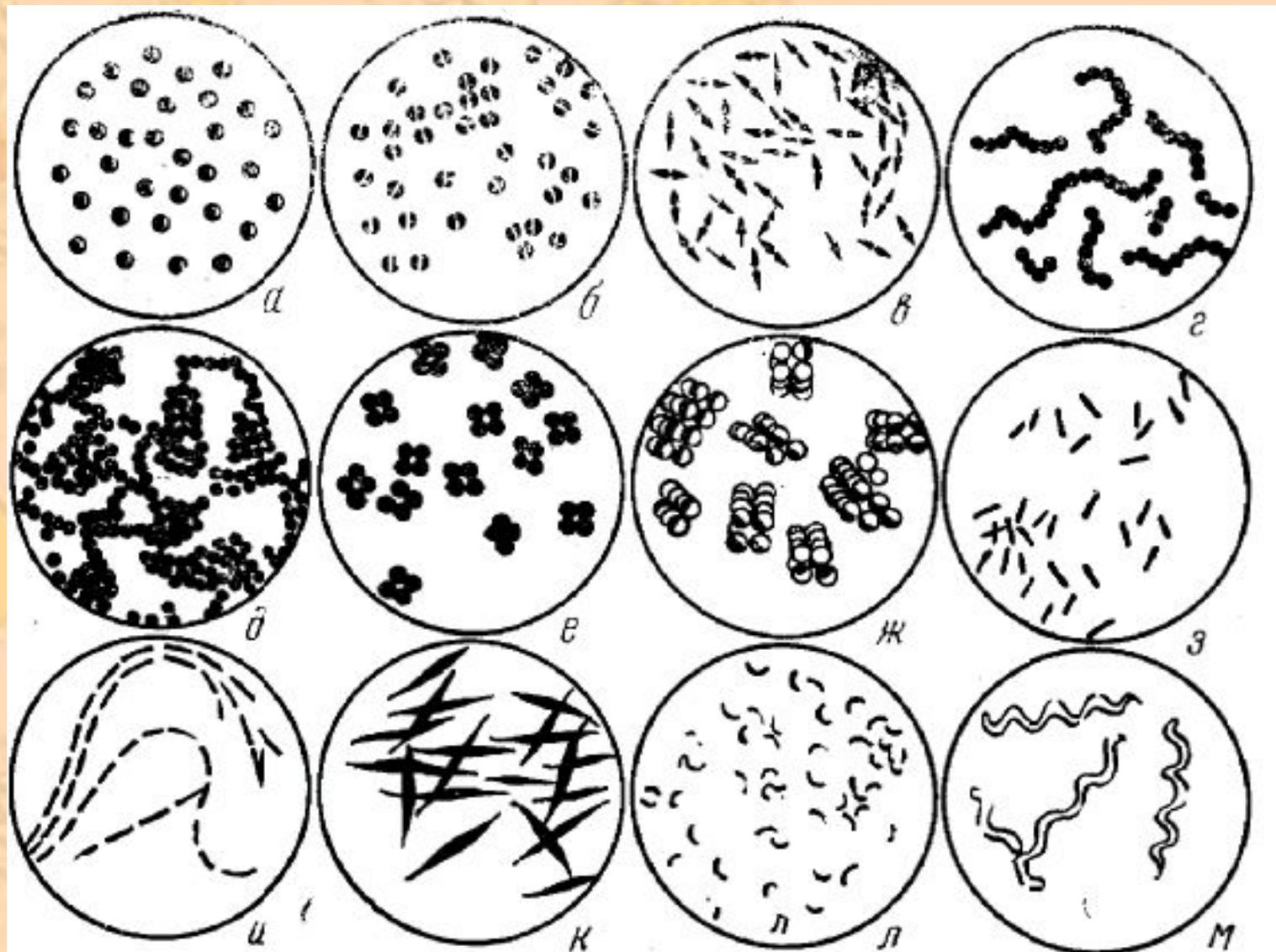


spirochete

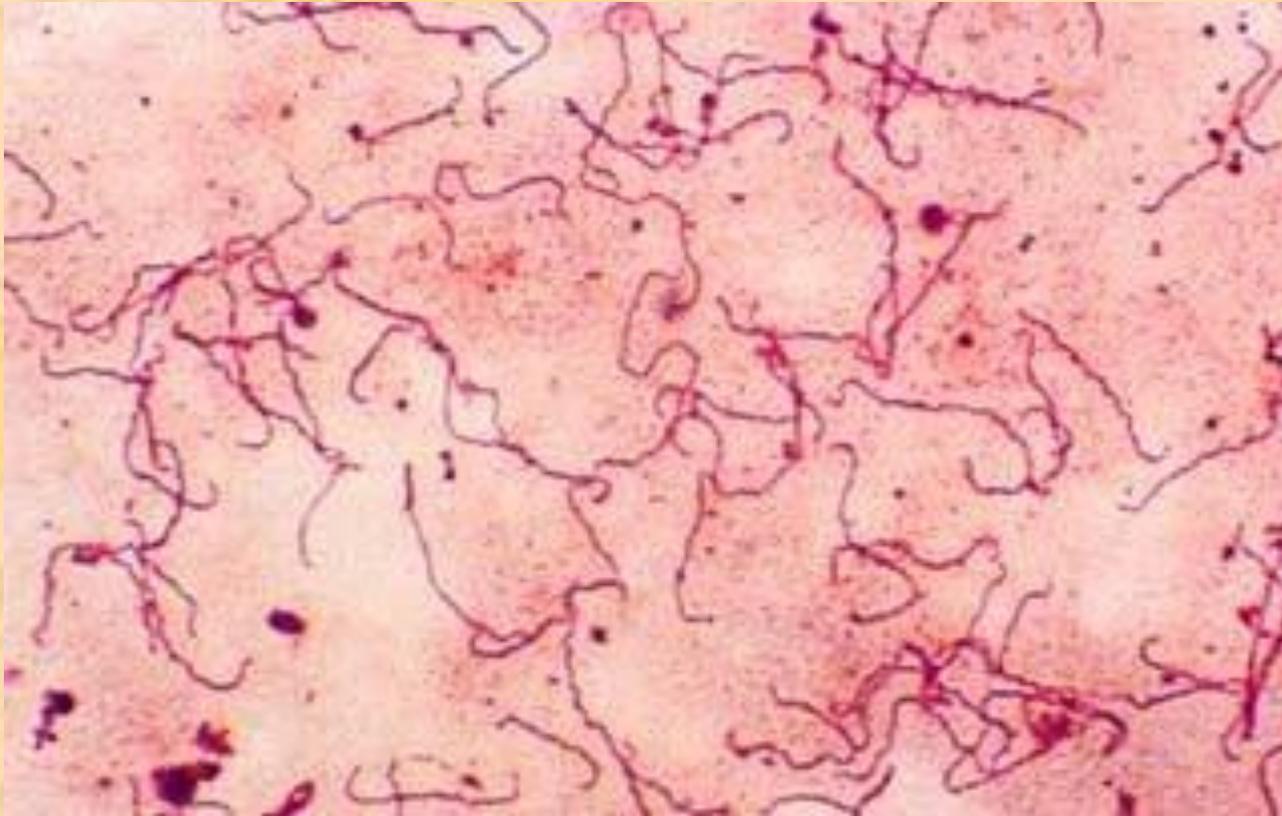
Bacterial shapes and arrangements

 <p>Coccus</p>		 <p>Rod, or Bacillus</p>		 <p>Curved forms: Spirillum/Spirochete</p>	
 <p>Diplococci (cocci in pairs)</p>	 <p>Neisseriae (coffee-bean shape in pairs)</p>	 <p>Coccobacilli</p>		 <p>Vibrios (curved rods)</p>	
 <p>Tetrads (cocci in packets of 4)</p>	 <p>Sarcinae (cocci in packets of 8,16,32 cells)</p>	 <p>Mycobacteria</p>	 <p>Corynebacteria (palisades arrangement)</p>	 <p>Spirilla</p>	
 <p>Streptococci (cocci in chains)</p>	 <p>Micrococci and staphylococci (large cocci in irregular clusters)</p>	 <p>Spore-forming rods</p>	 <p>Streptomyces (moldlike, filamentous bacteria)</p>	 <p>Spirochetes</p>	





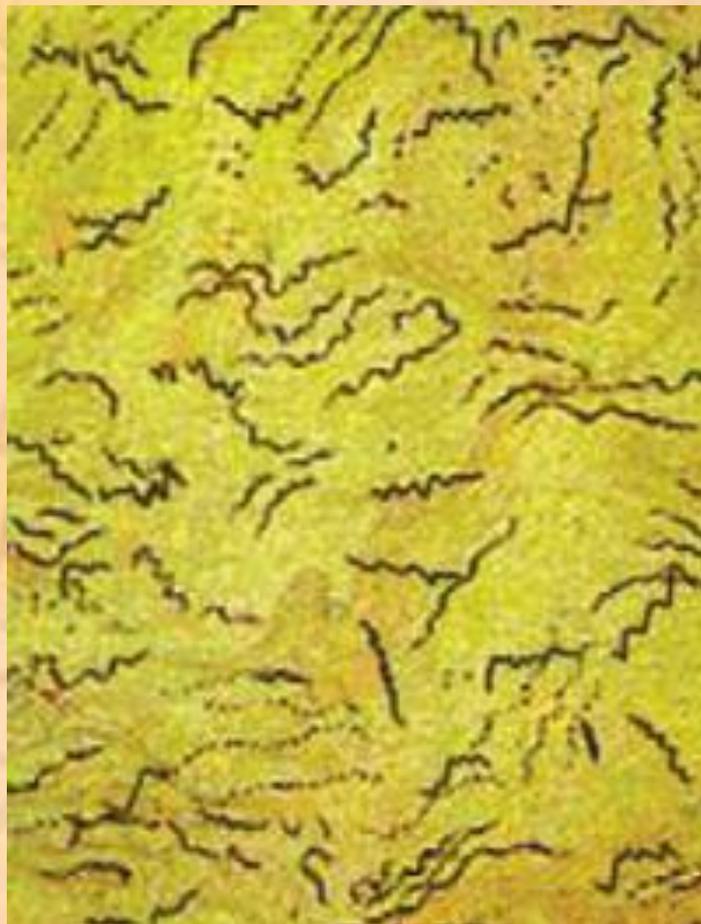
Спирохеты

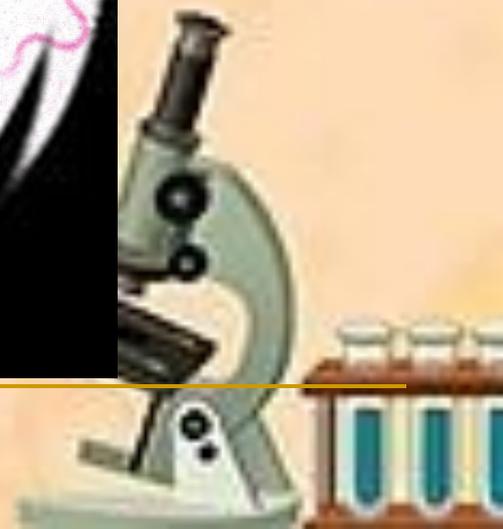
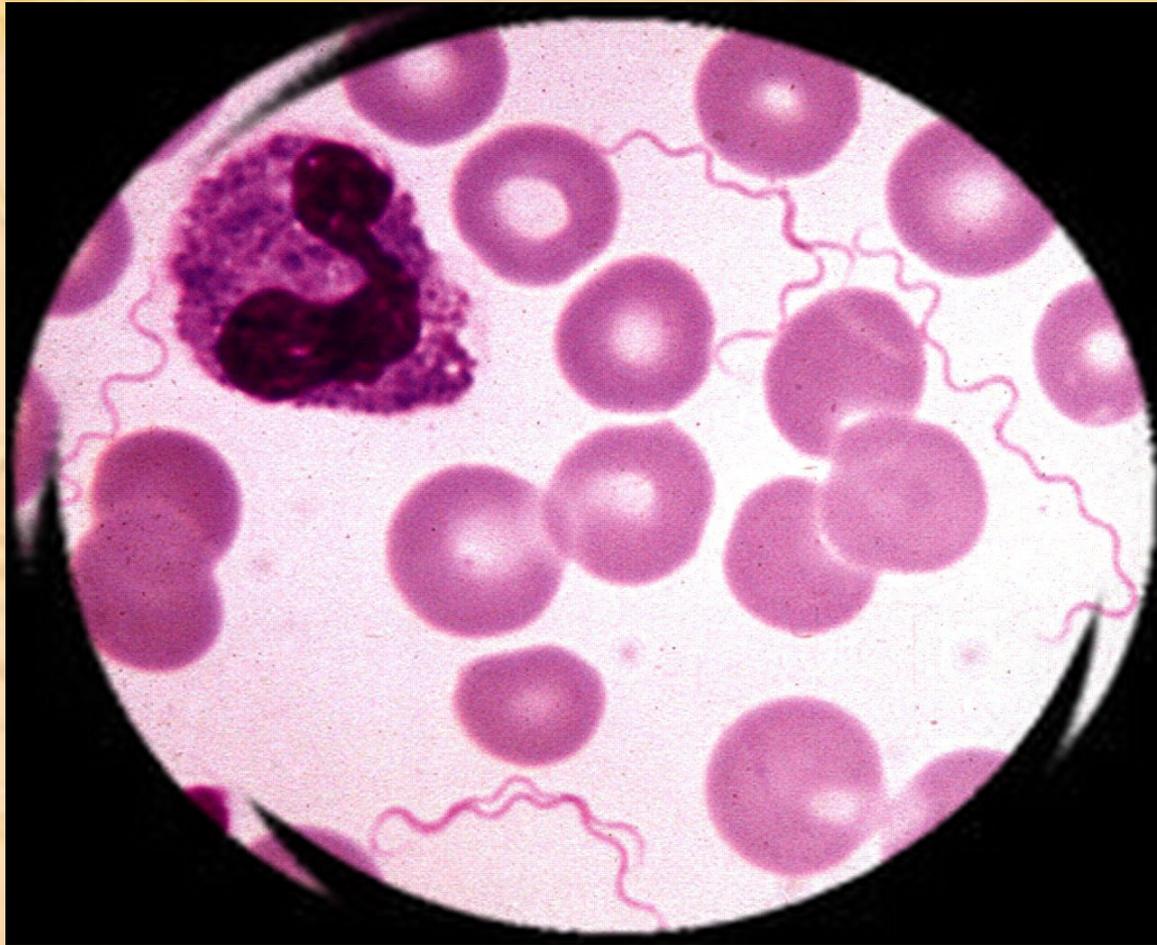


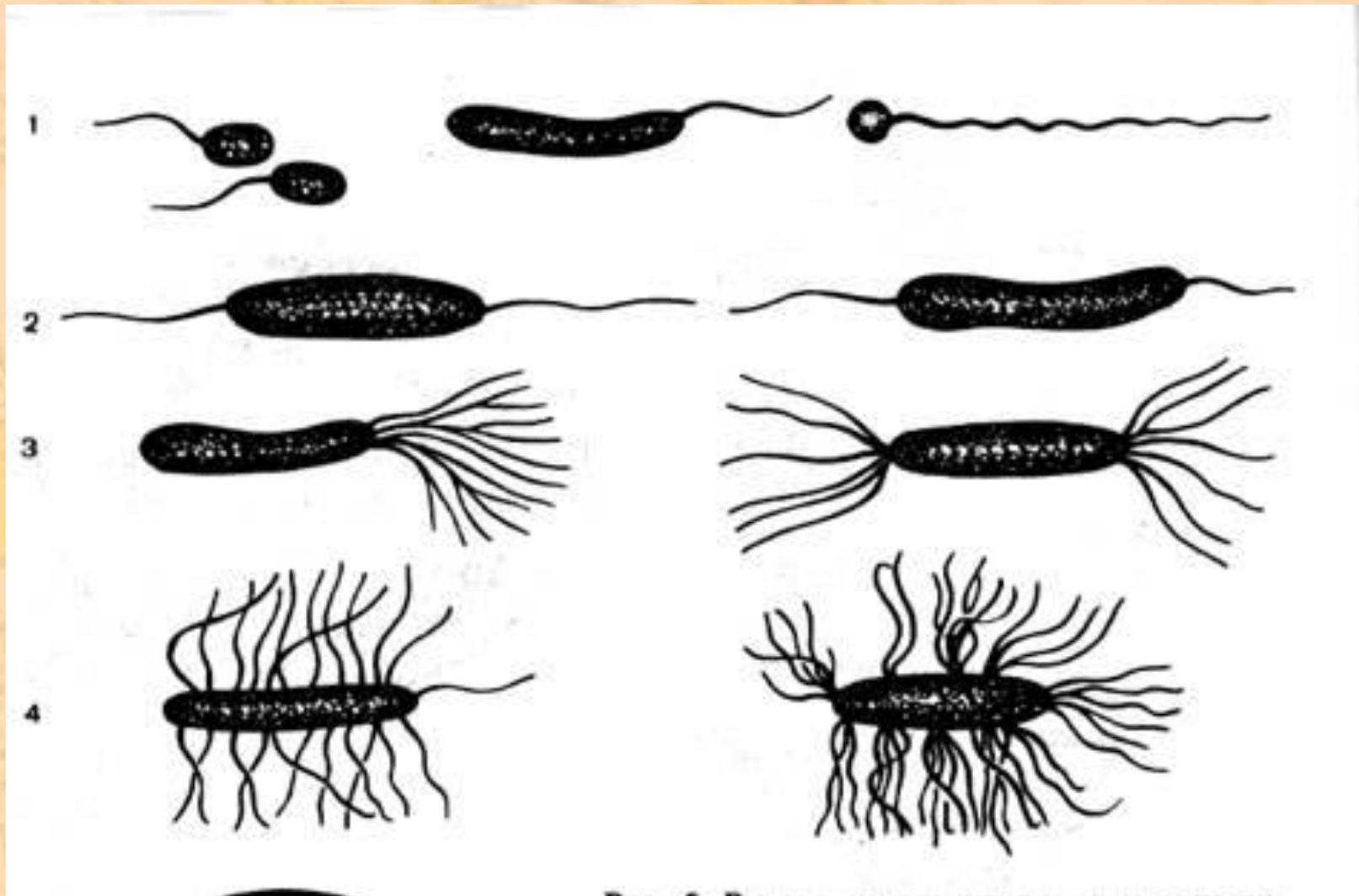
Вибрионы



Спириллы







Спасибо за внимание!
Будьте здоровы!

