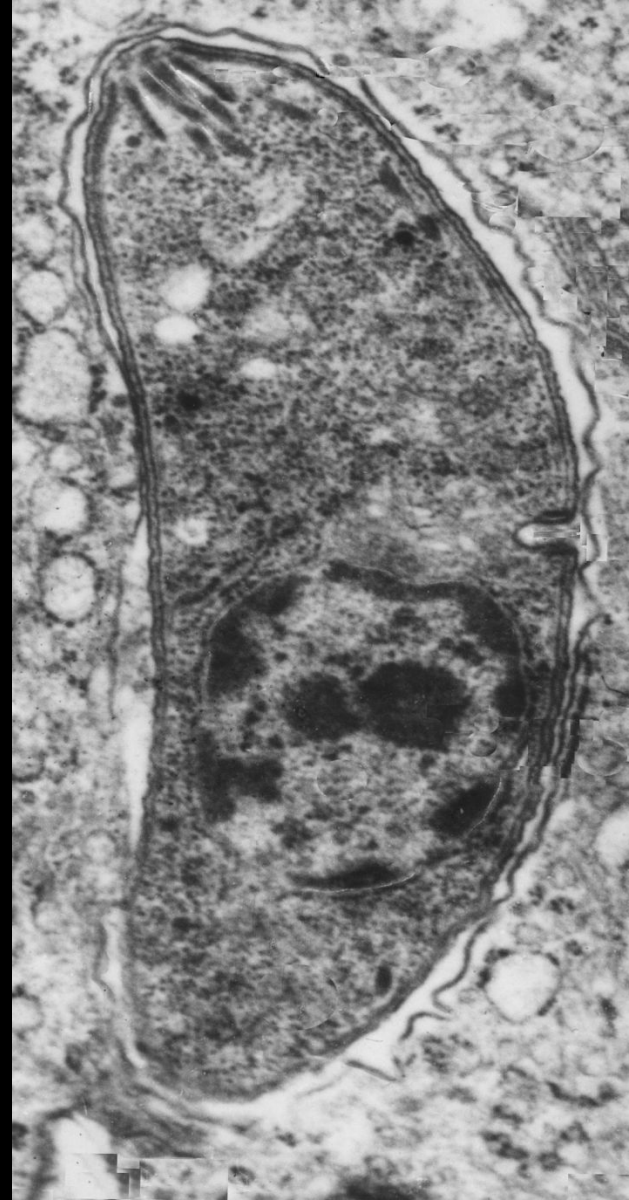
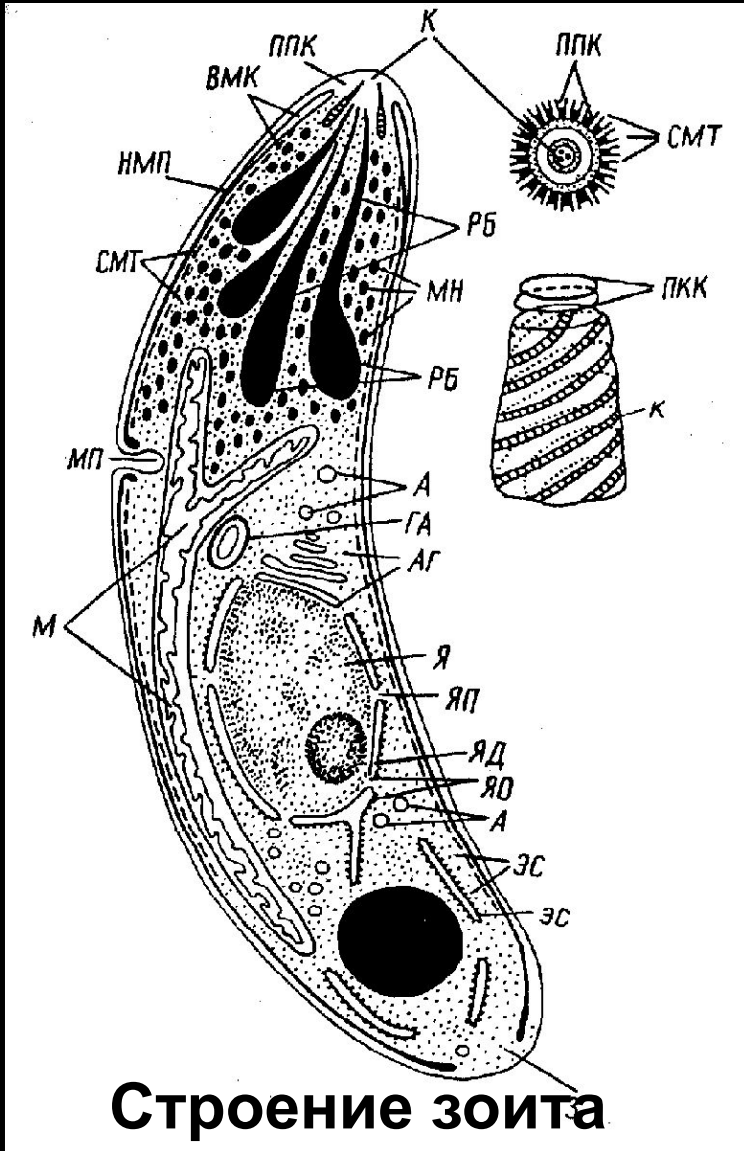
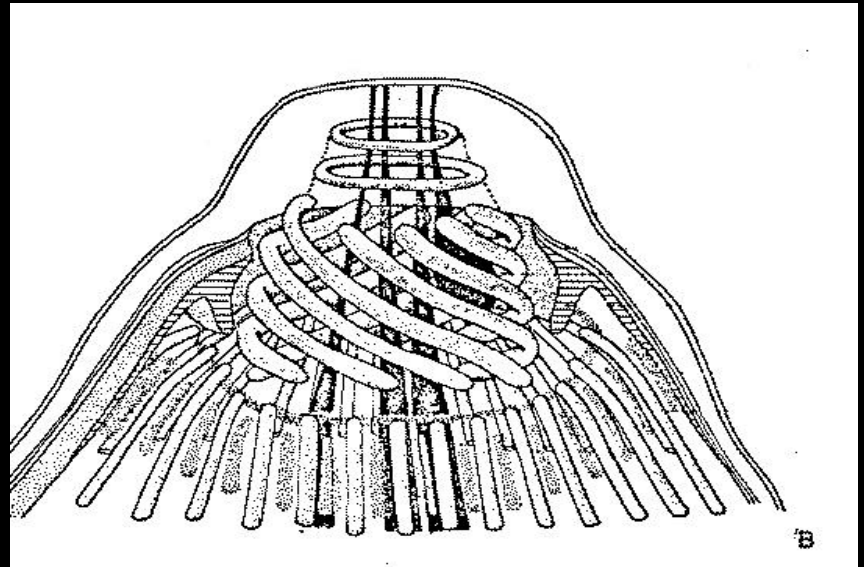
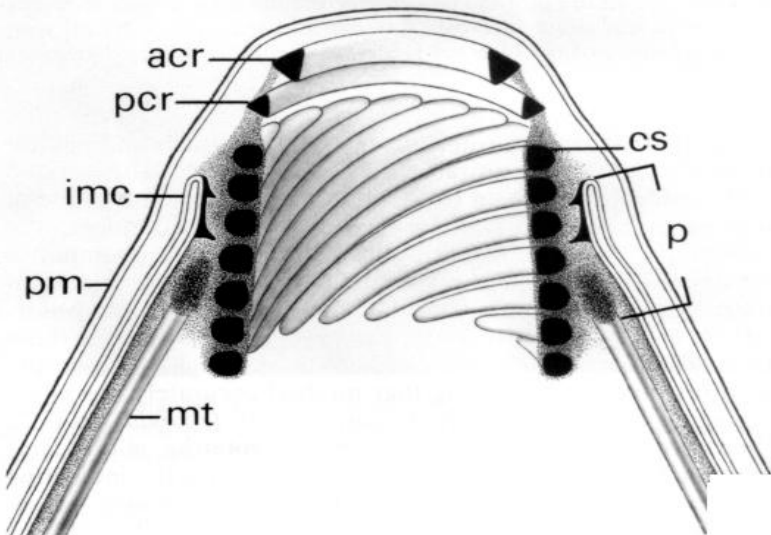
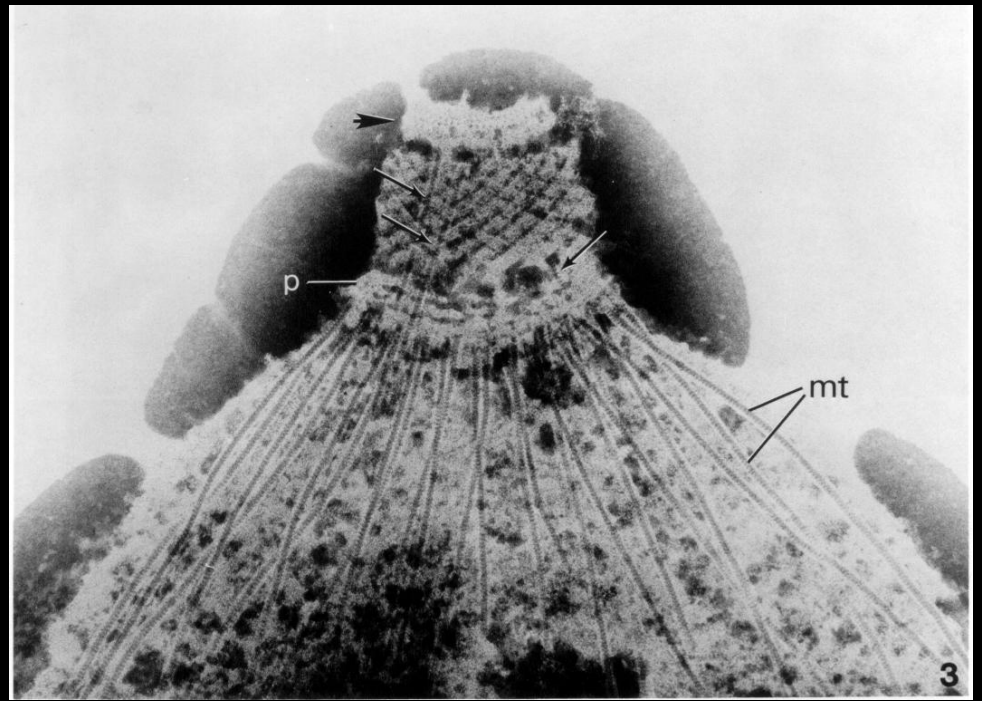
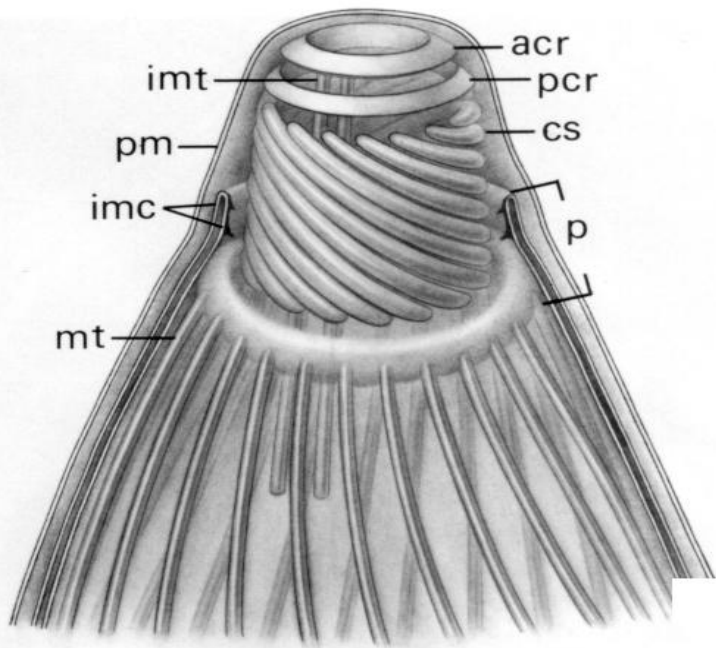


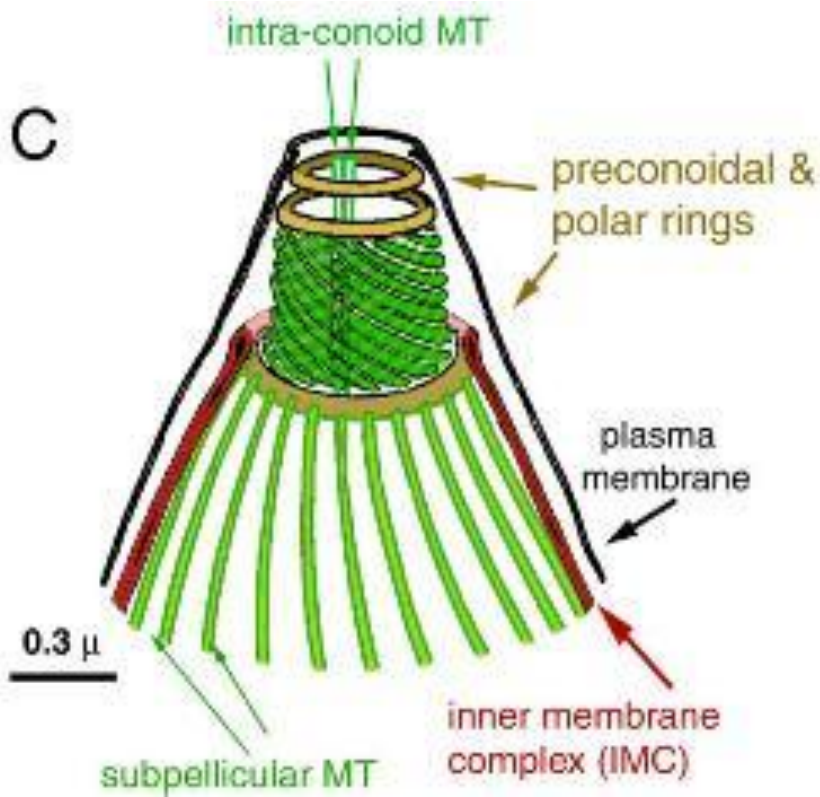
- **Тип Apicomplexa**
- **класс Sporozoa**
- **подкласс Coccidiorhiza**
- **подкласс Gregarini**

# класс Sporozoa подкласс Coccidioromorpha

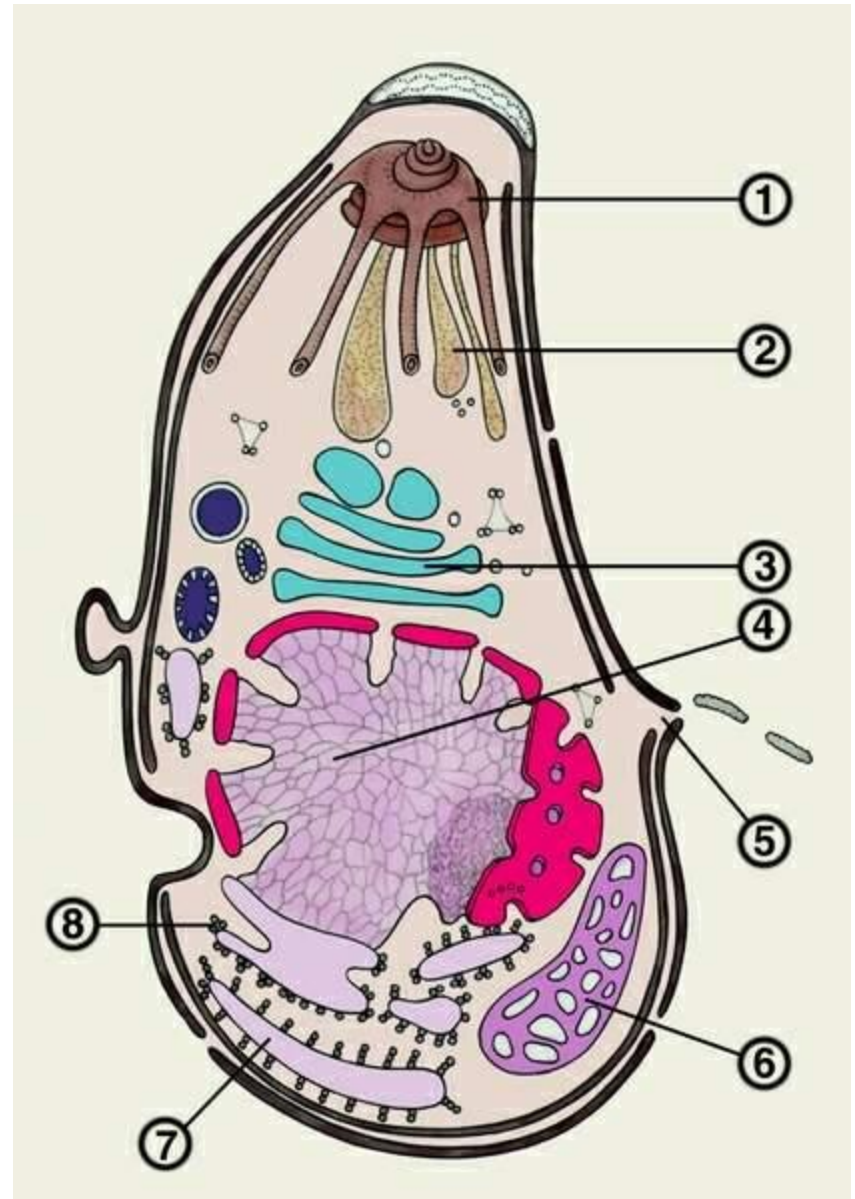




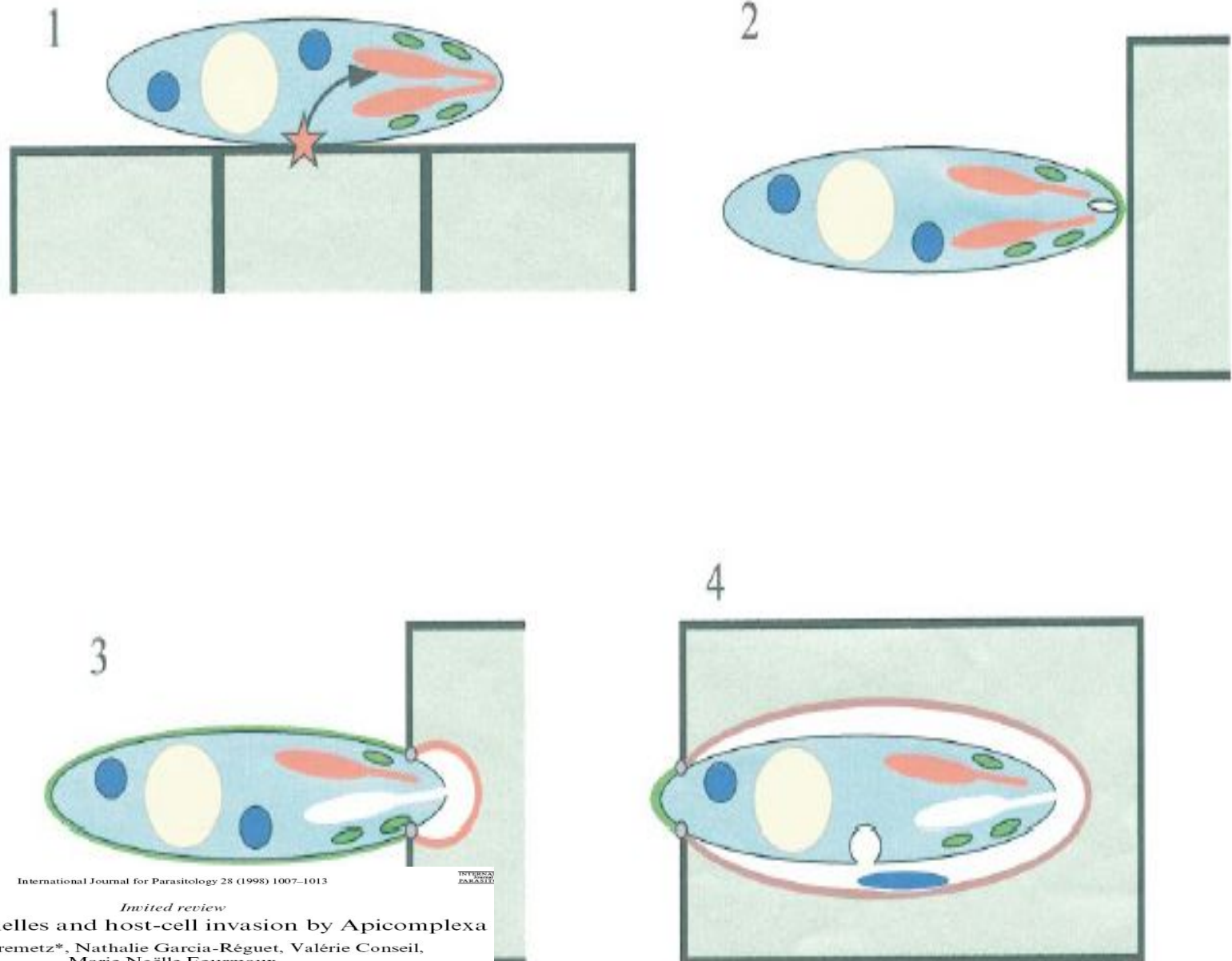
**КОНОИД**



КОНОЙД



# Схема проникновения зоита в клетку хозяина



International Journal for Parasitology 28 (1998) 1007–1013

INTERNATIONAL  
PARASITOL

*Invited review*

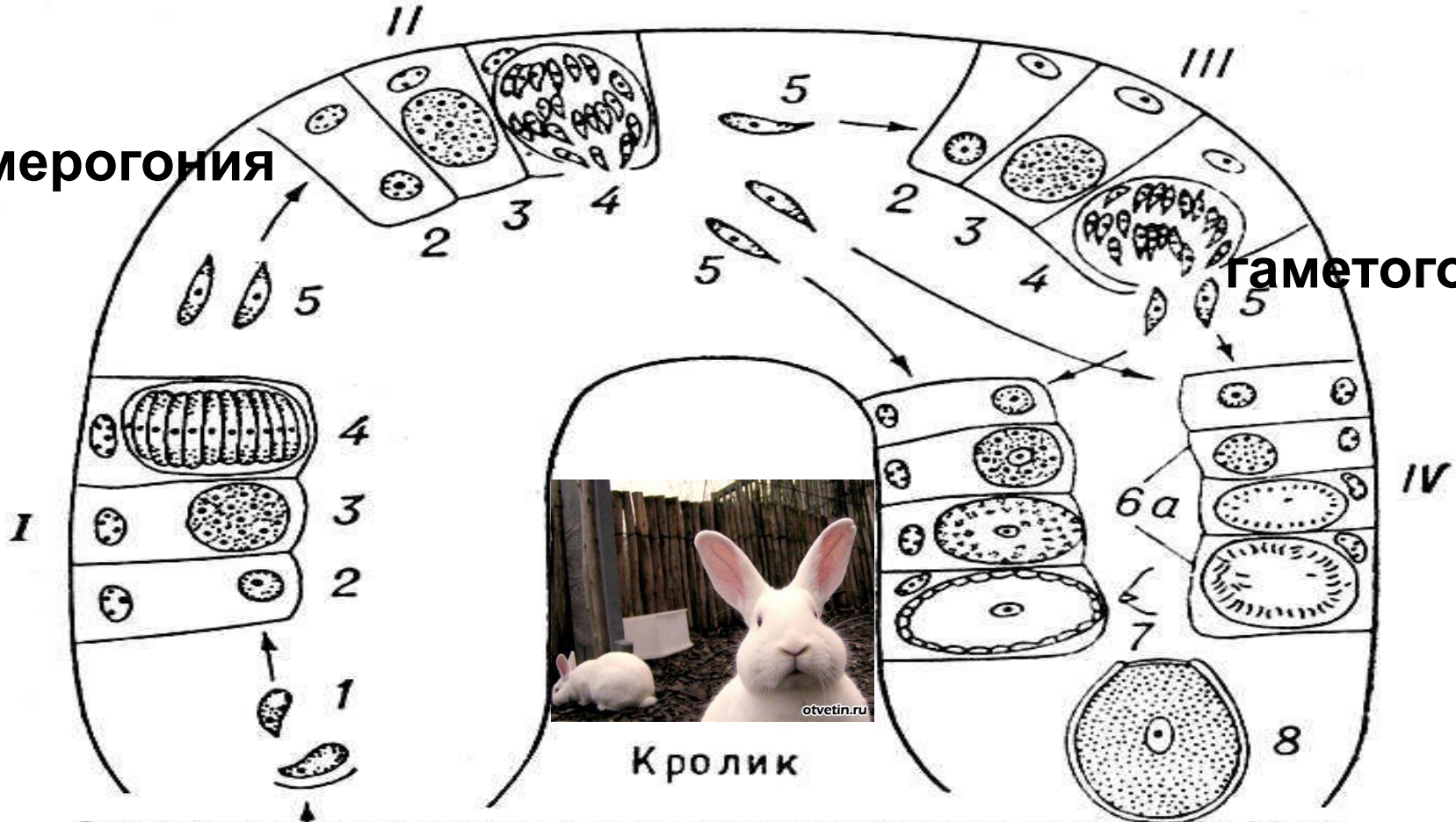
Apical organelles and host-cell invasion by Apicomplexa

J.F. Dubremetz\*, Nathalie Garcia-Réguet, Valérie Conseil,  
Marie Noëlle Fourmaux



мерогония

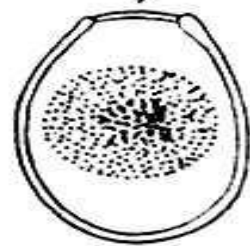
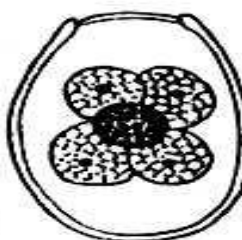
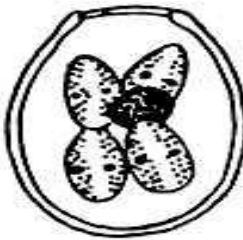
гаметогония



Внешняя среда

спорогония 11

Род *Eimeria*



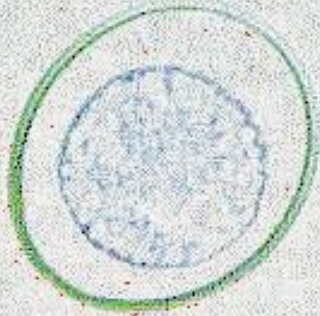
V

**ШИЗОГОНИЯ = МЕРОГОНИЯ**





unsporulated oocyst



(by P.W. Pappas and S.M. Wardrop)



*Eimeria* oocyst

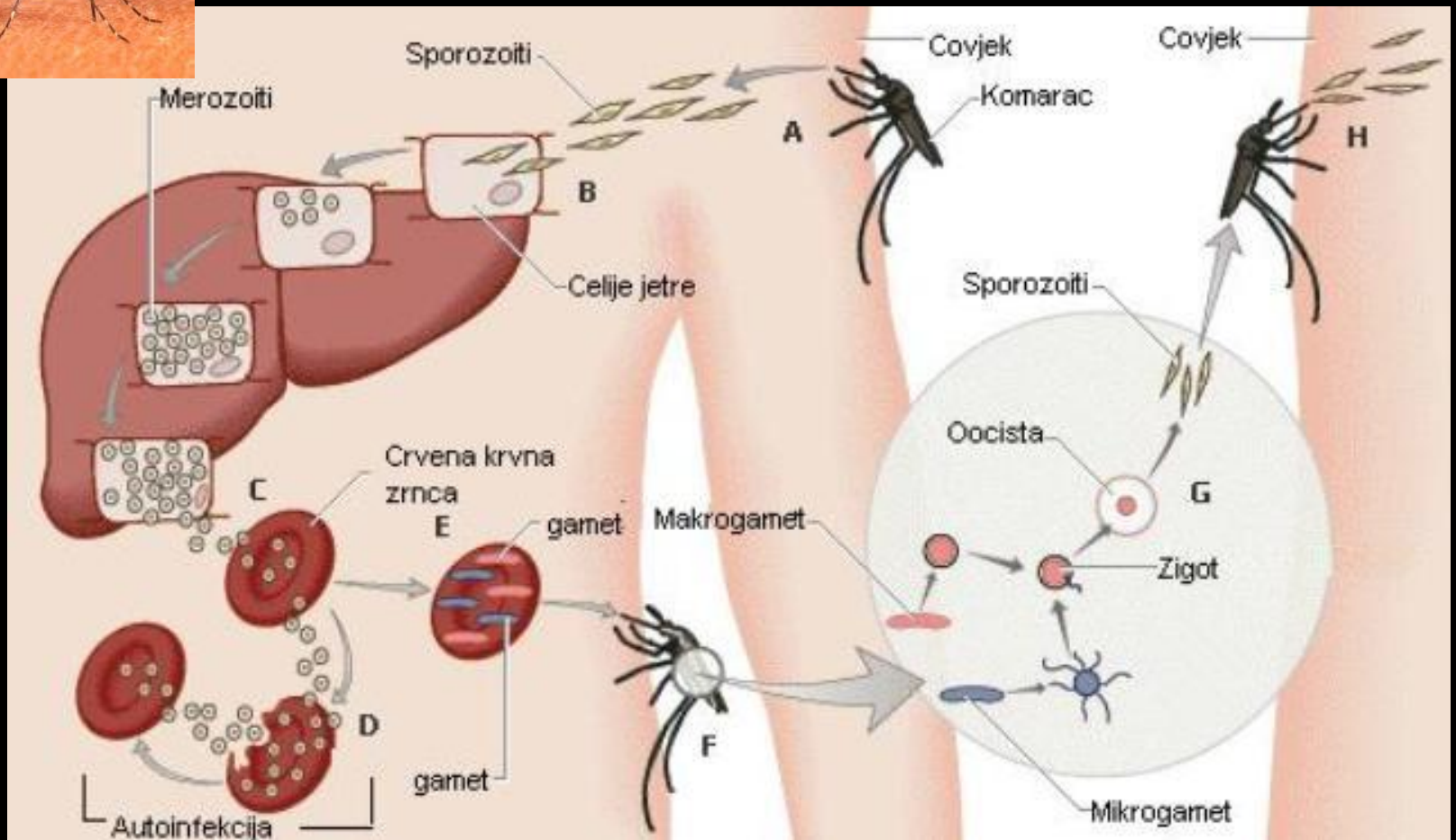


(by Pappas and Wardrop)

# Ооцисты кокцидий

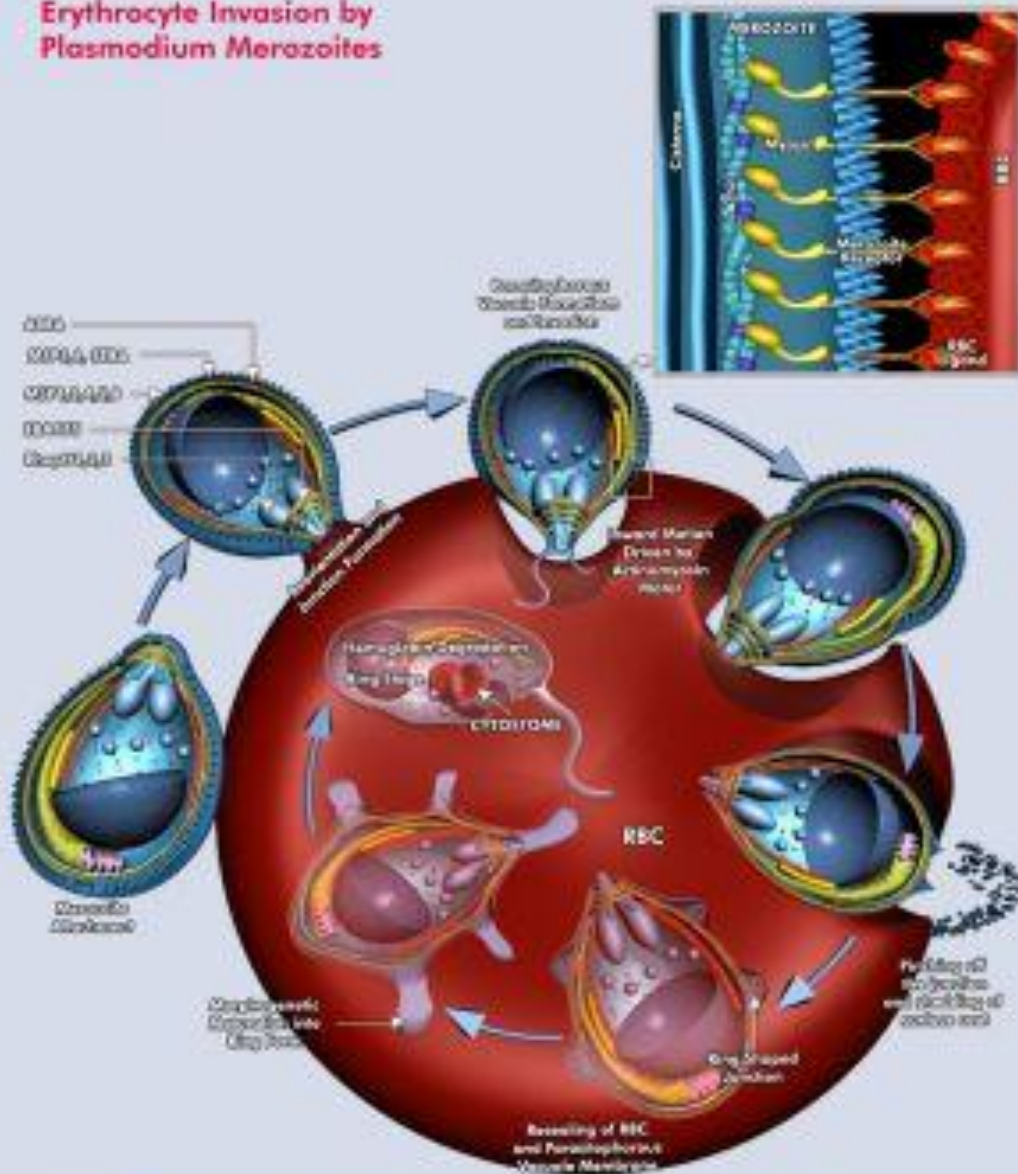


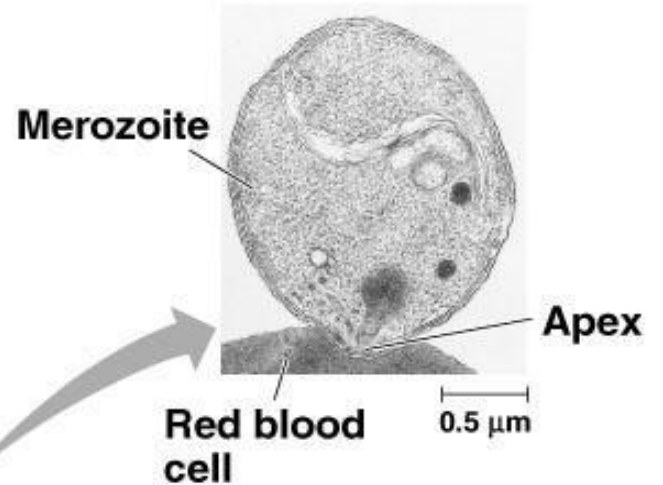
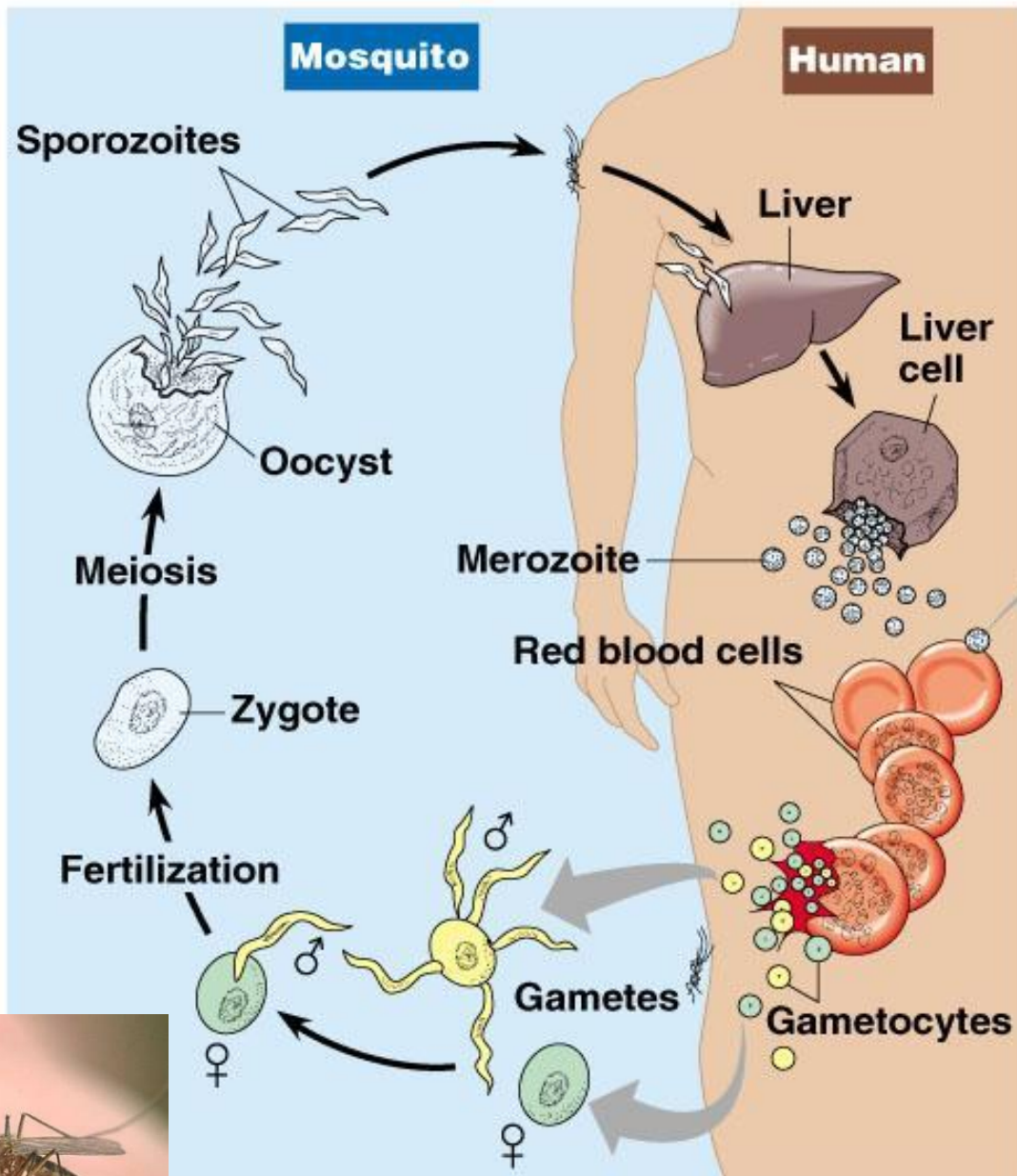
# малярия



*Plasmodium malariae Plasmodium vivax*  
*Plasmodium falciparum Plasmodium ovale*

## Erythrocyte Invasion by Plasmodium Merozoites



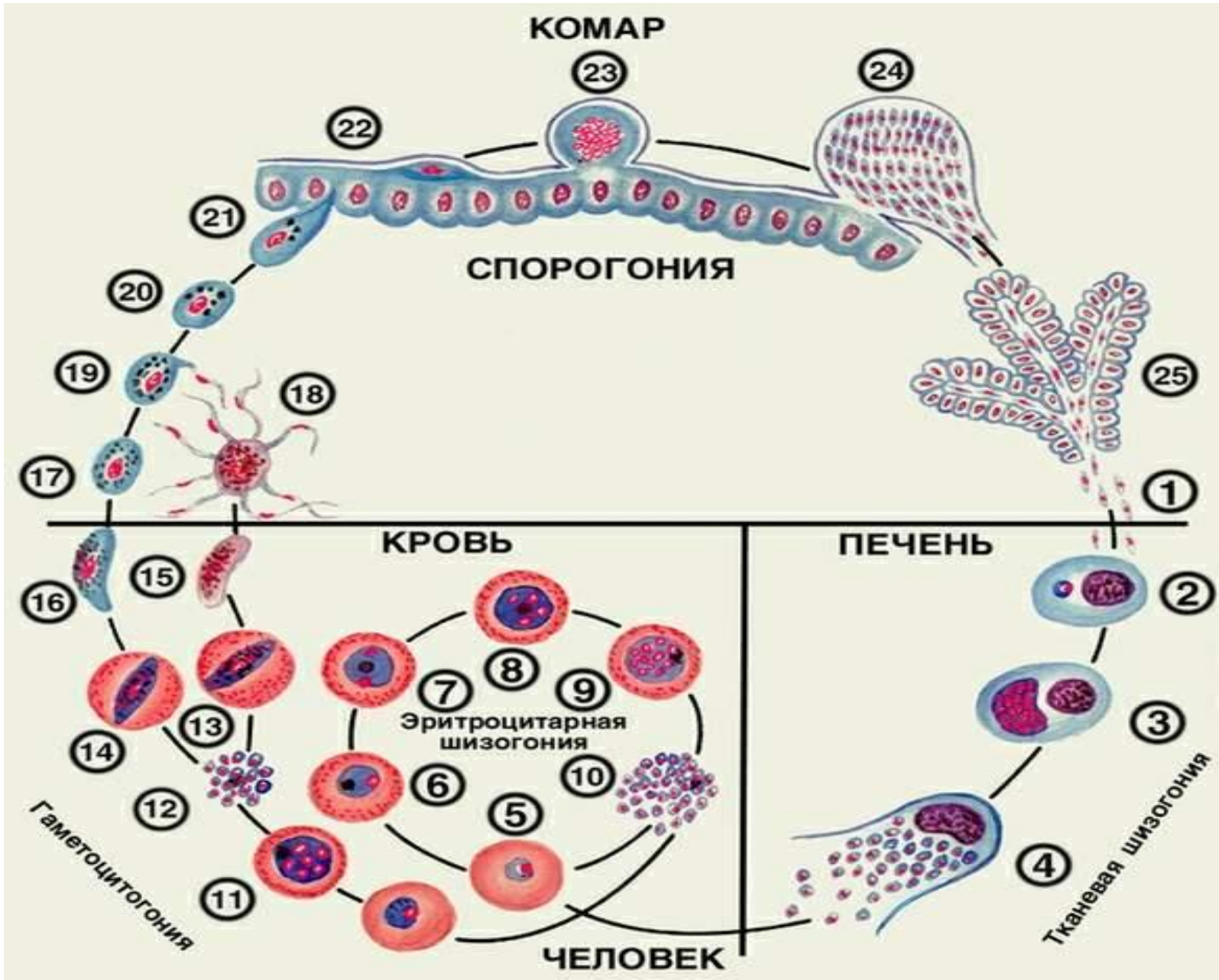


## Малярия

- Plasmodium malariae*
- Plasmodium vivax*
- Plasmodium falciparum*
- Plasmodium ovale*



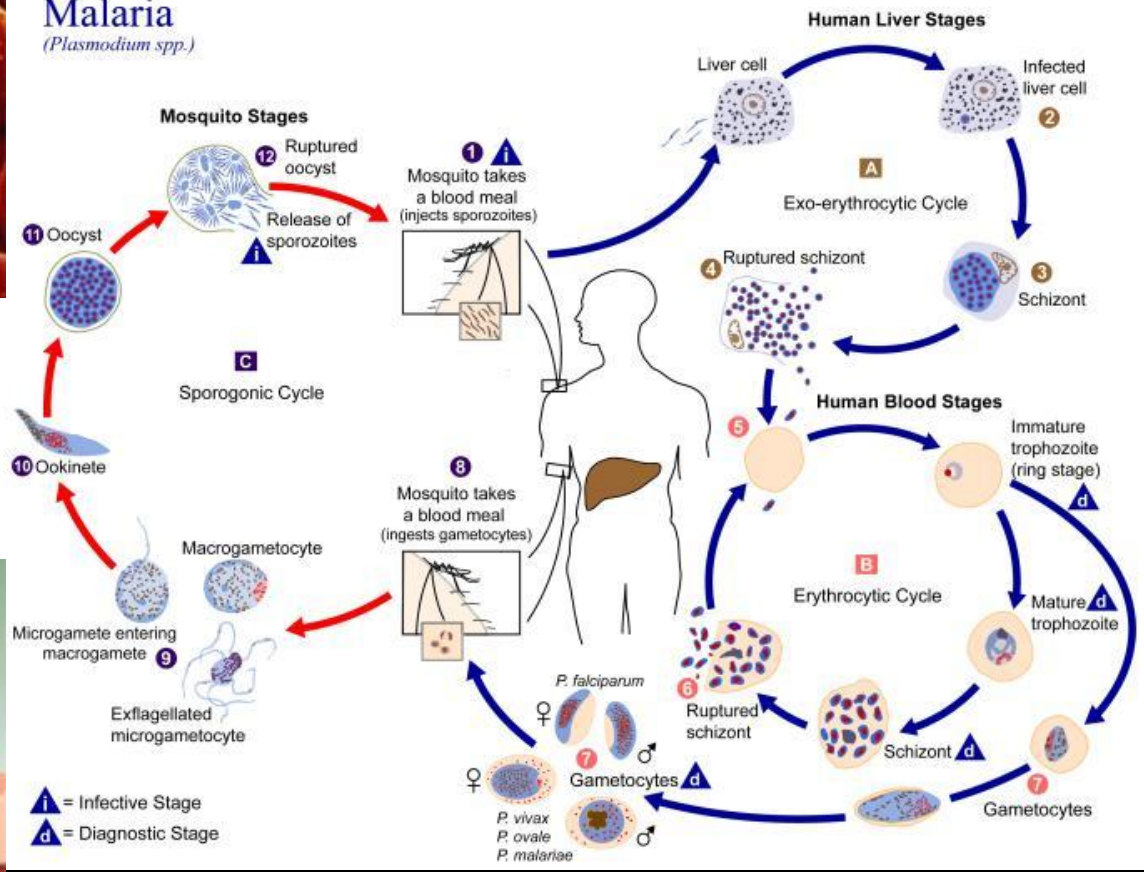




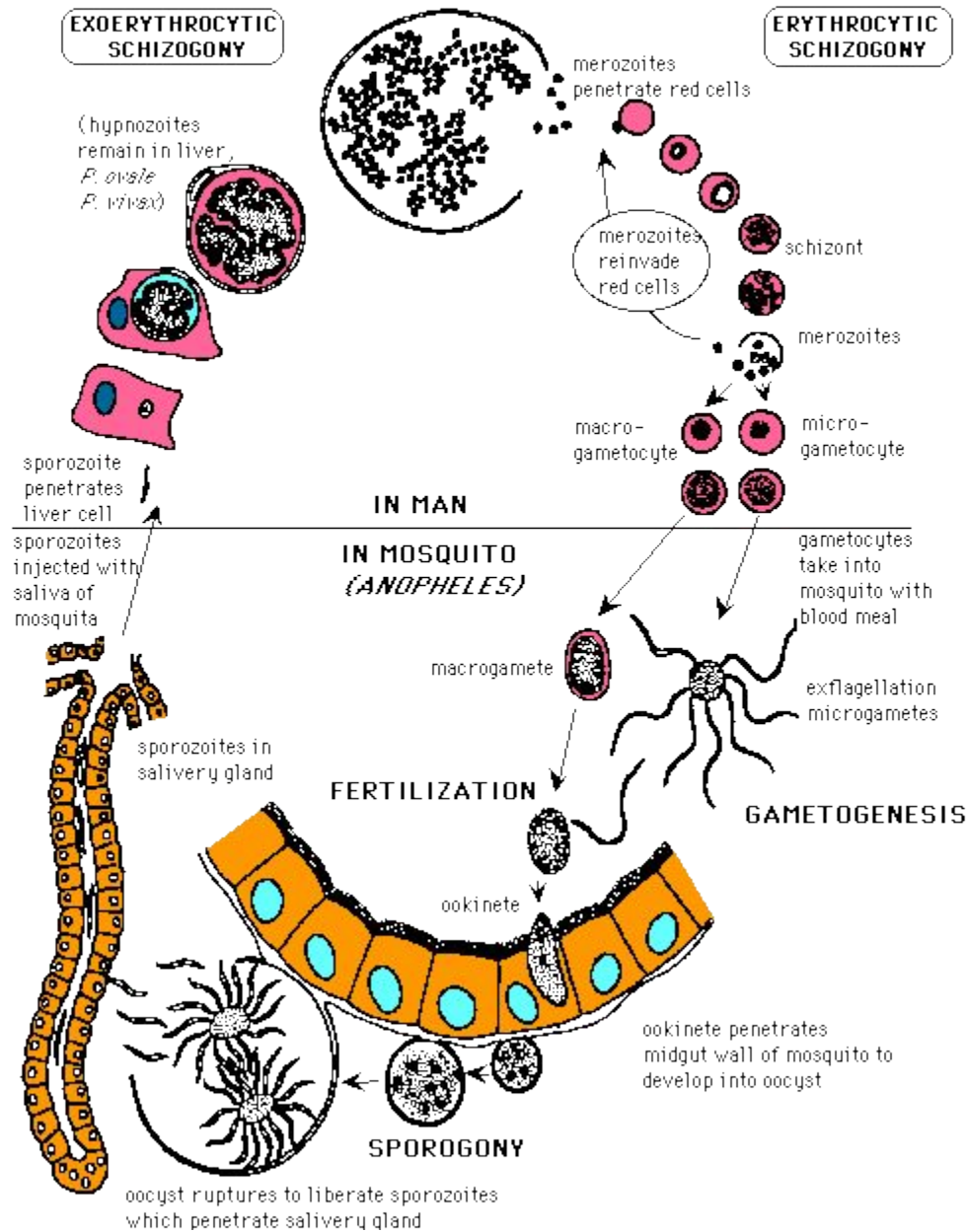


# Malaria

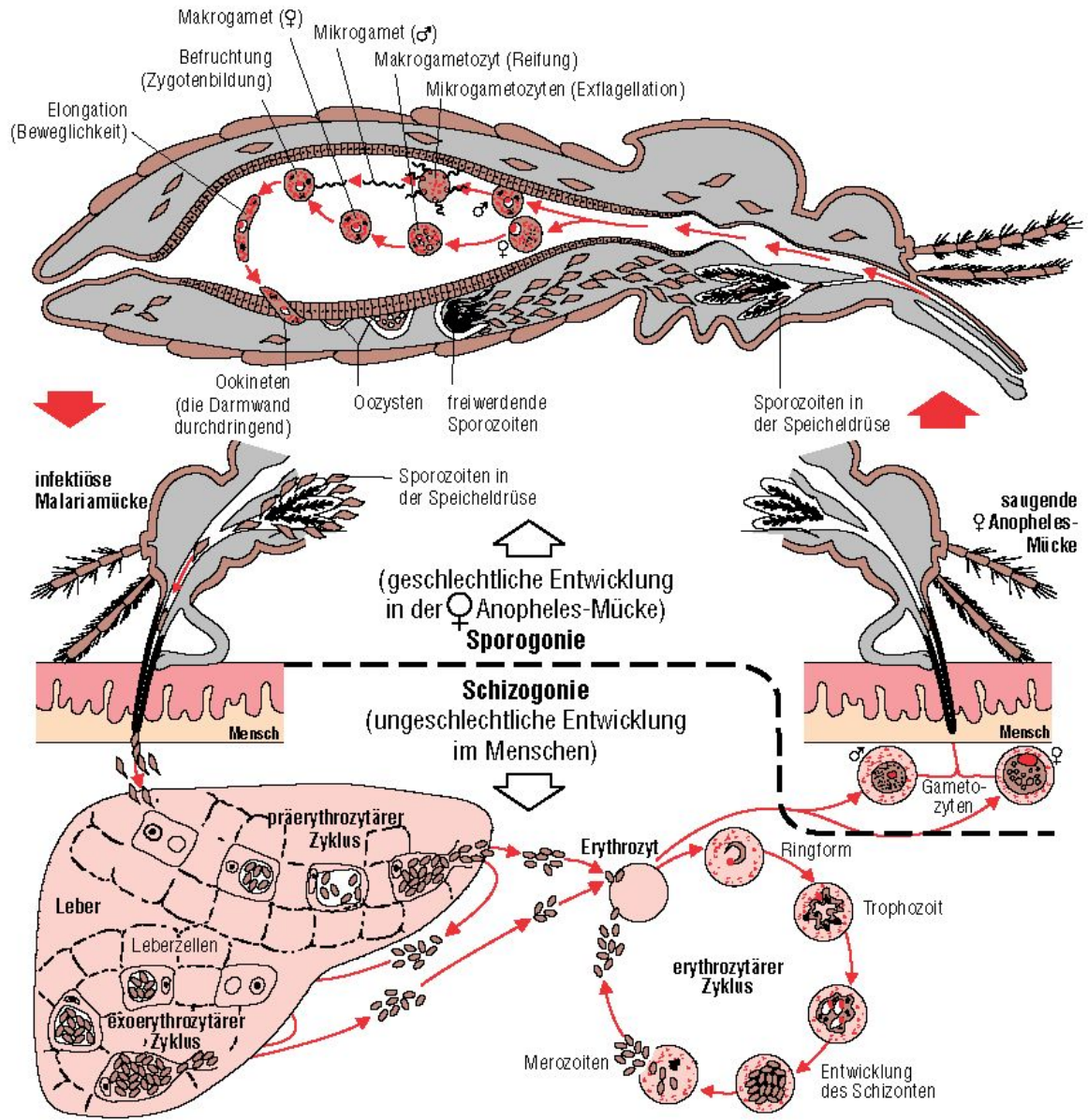
(*Plasmodium spp.*)



# The life-cycle of *Plasmodium vivax* in man & the mosquito. (after Vickerman and Cox, 1967)

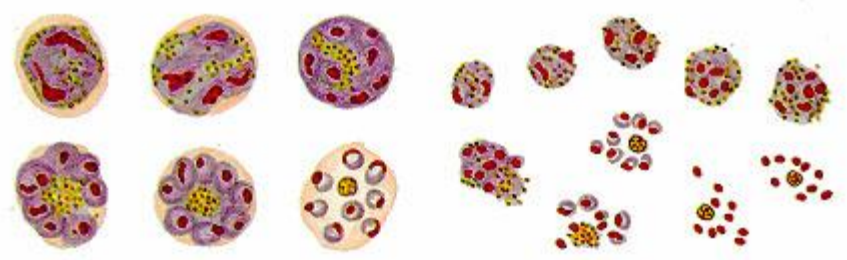




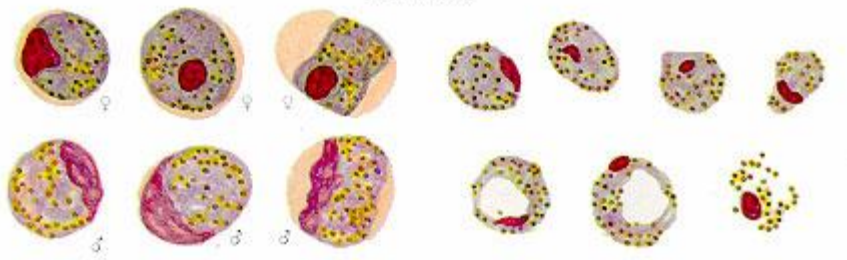




TROPHOZOITES



SCHIZONTS

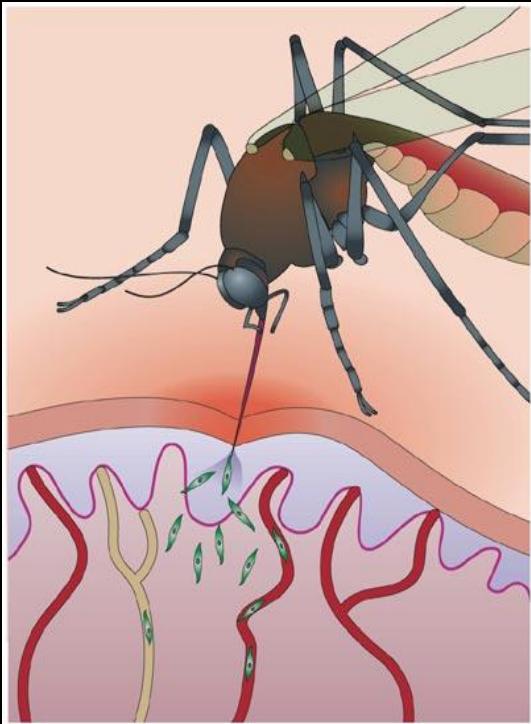


GAMETOCYTES

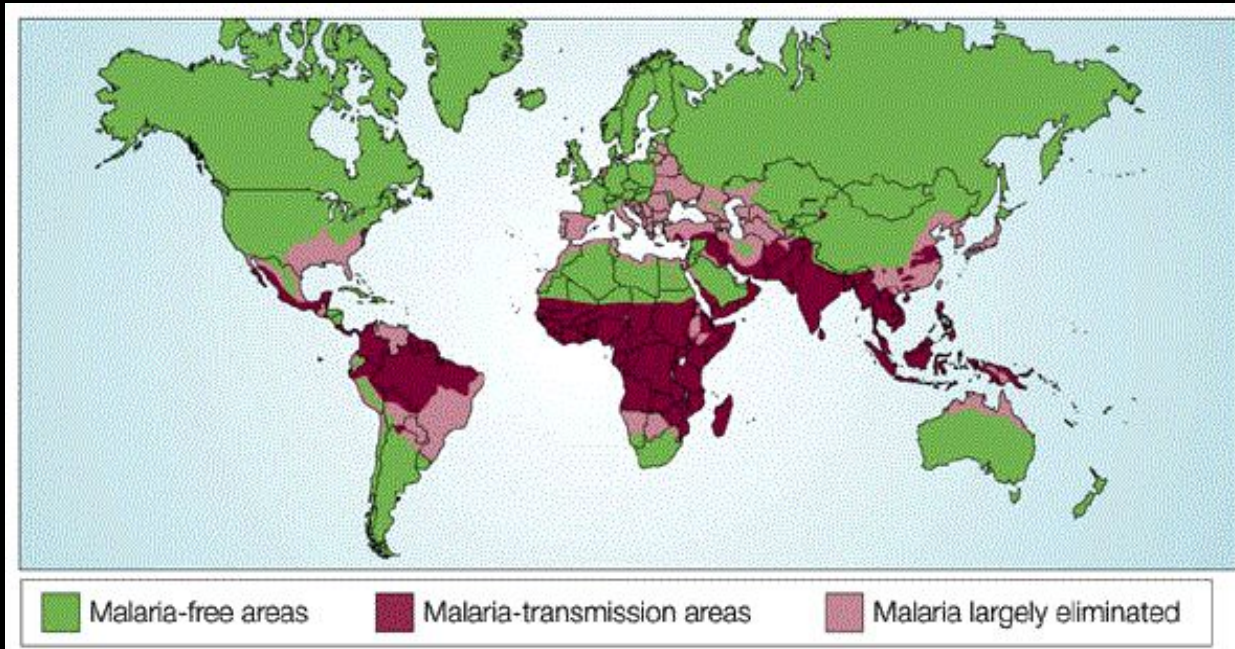
Thin film

Thick film





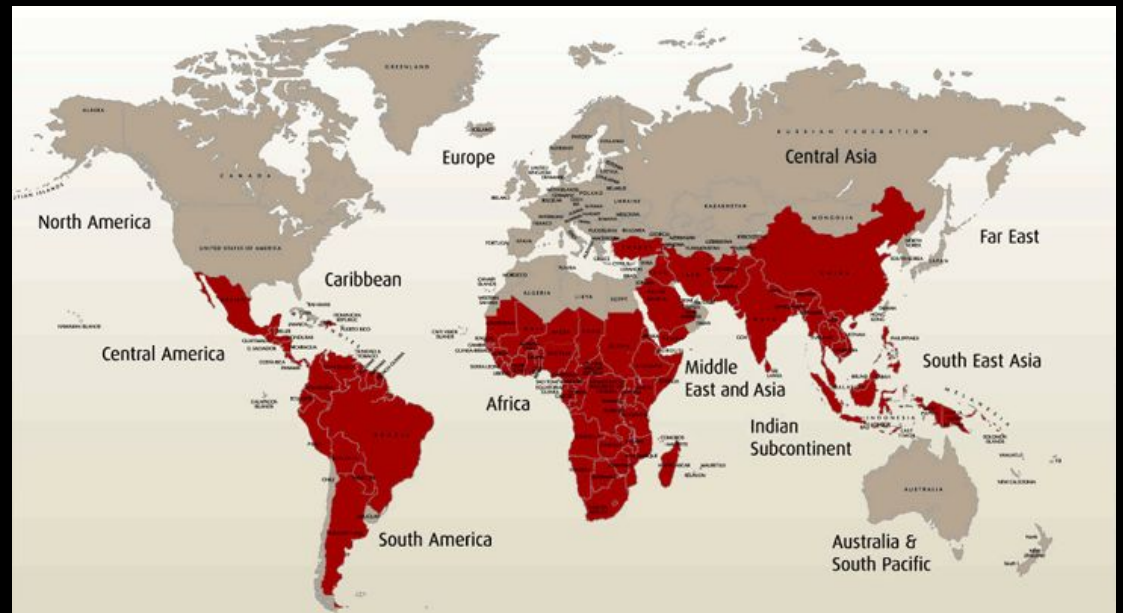
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■ Malaria-free areas   ■ Malaria-transmission areas   ■ Malaria largely eliminated



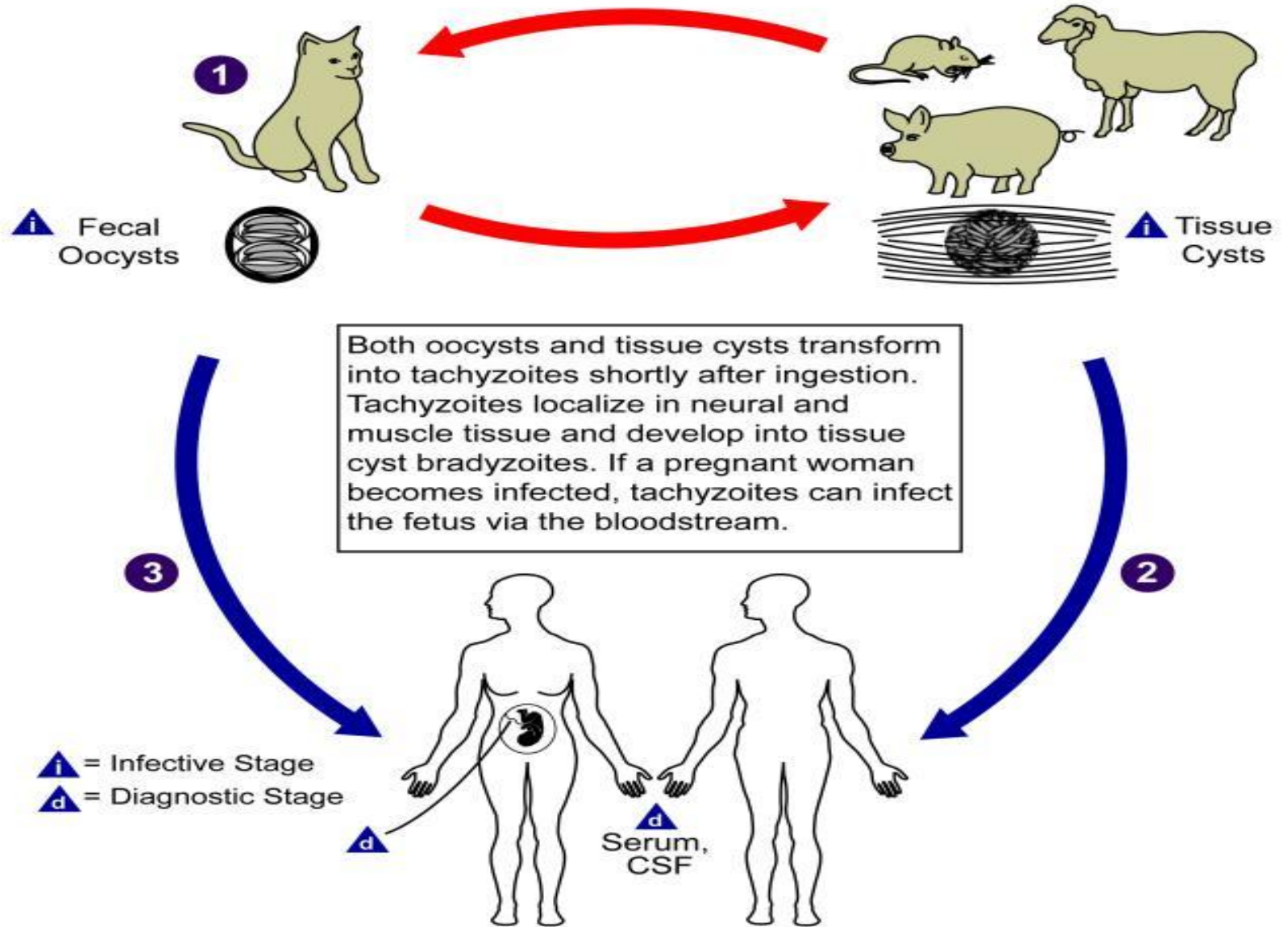
**распространение малярии**

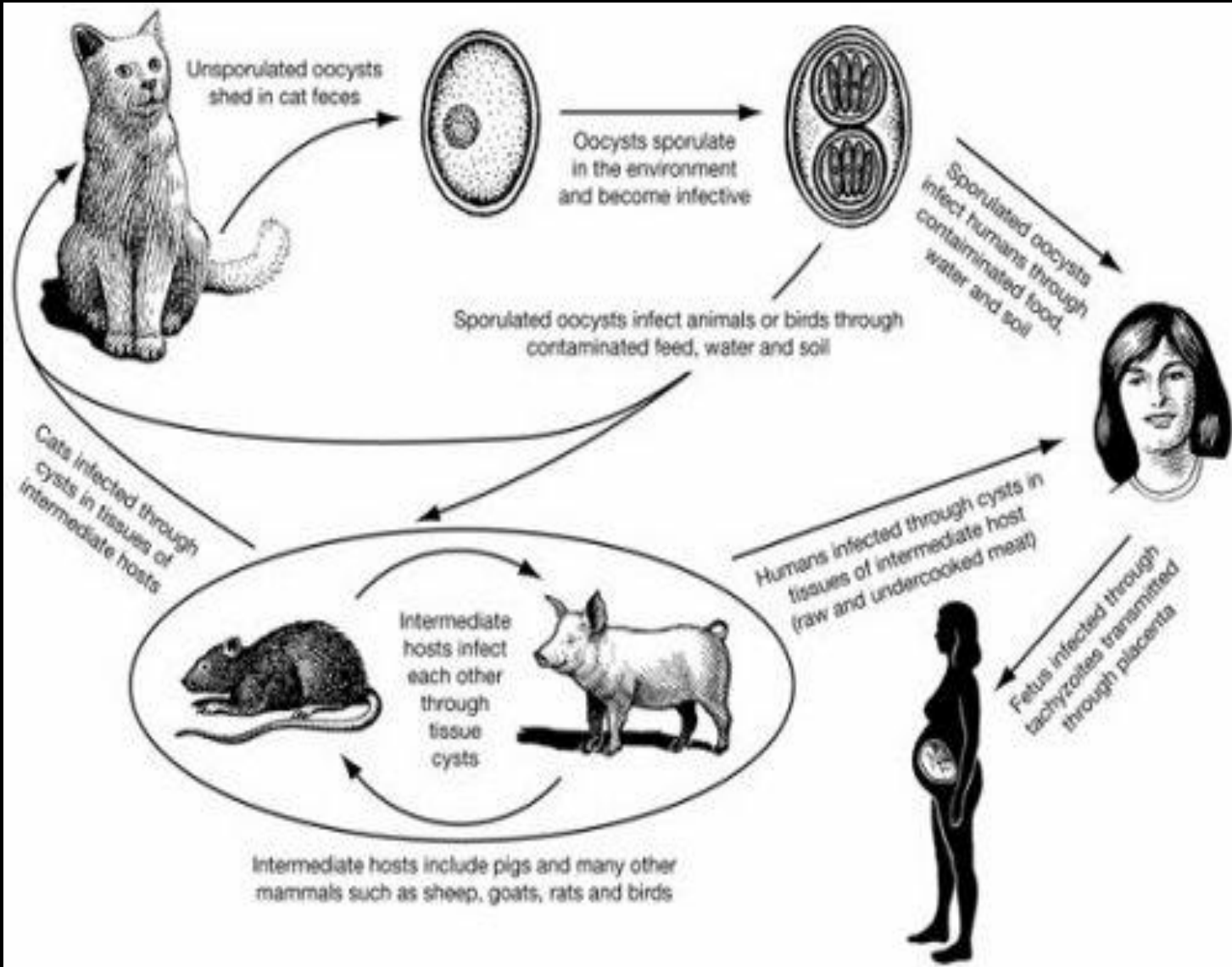
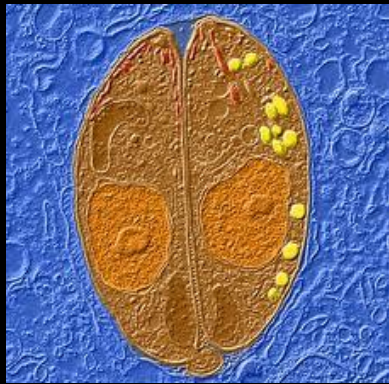


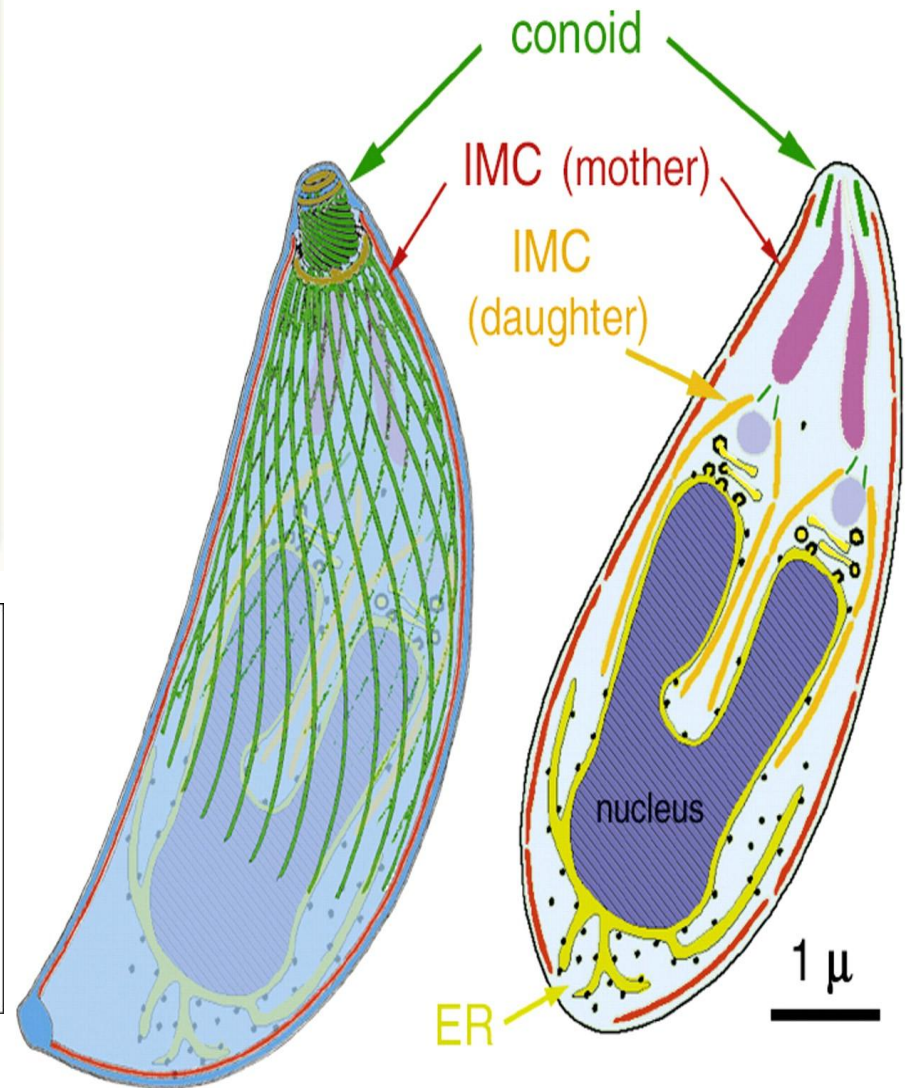
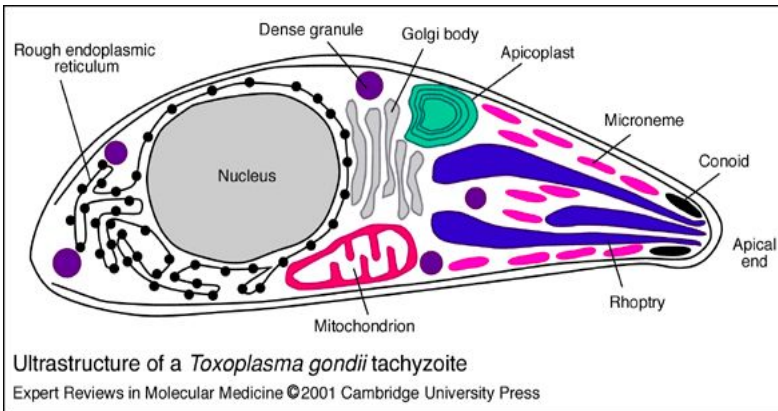


# Toxoplasmosis

(*Toxoplasma gondii*)







# ЭНДОДИОГЕНИЯ



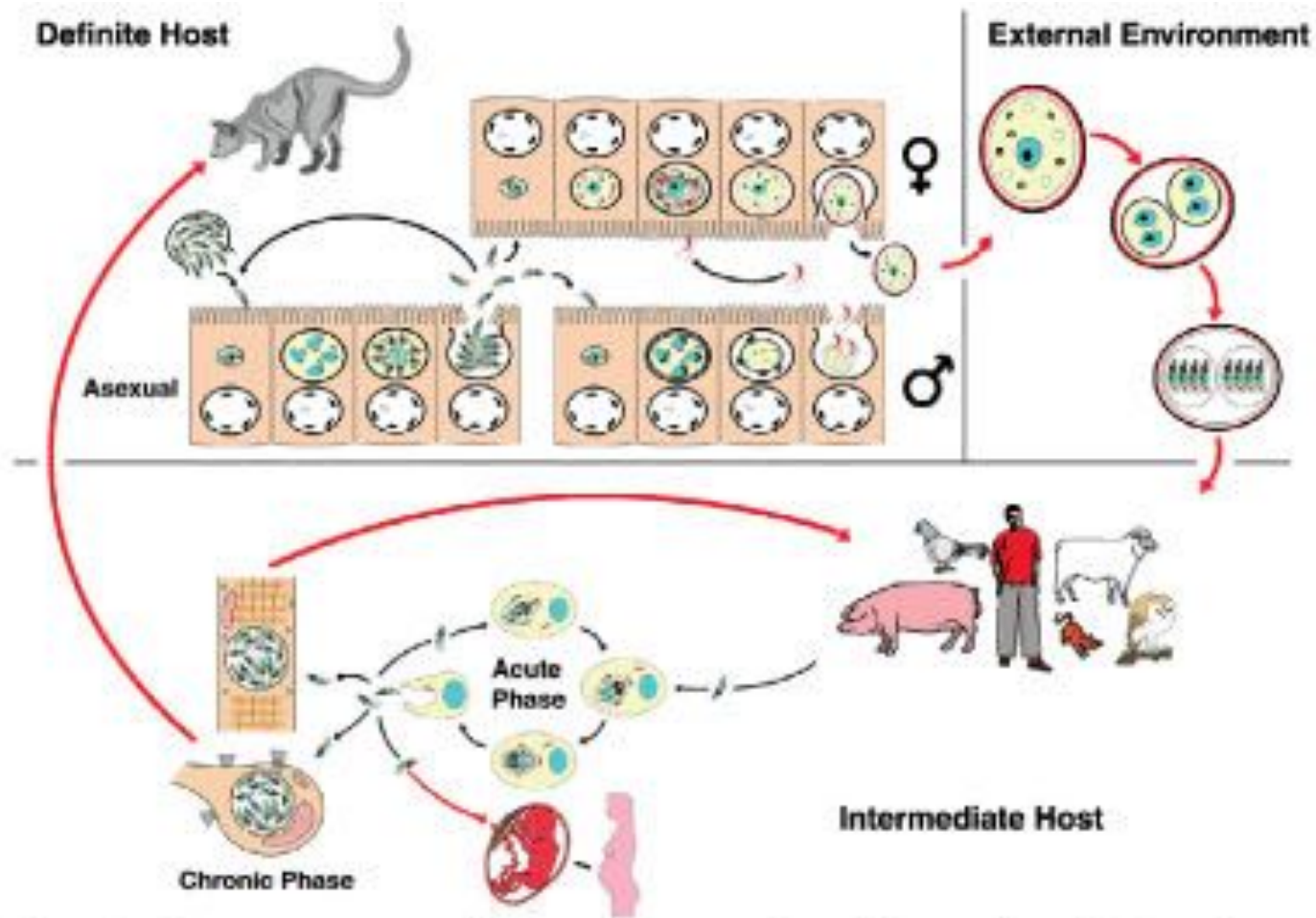


Fig. 4: diagram summarising the complete life cycle of *Toxoplasma gondii* (Ferguson 2002, with permission).

# Эндодиогения *Toxoplasma gondii*

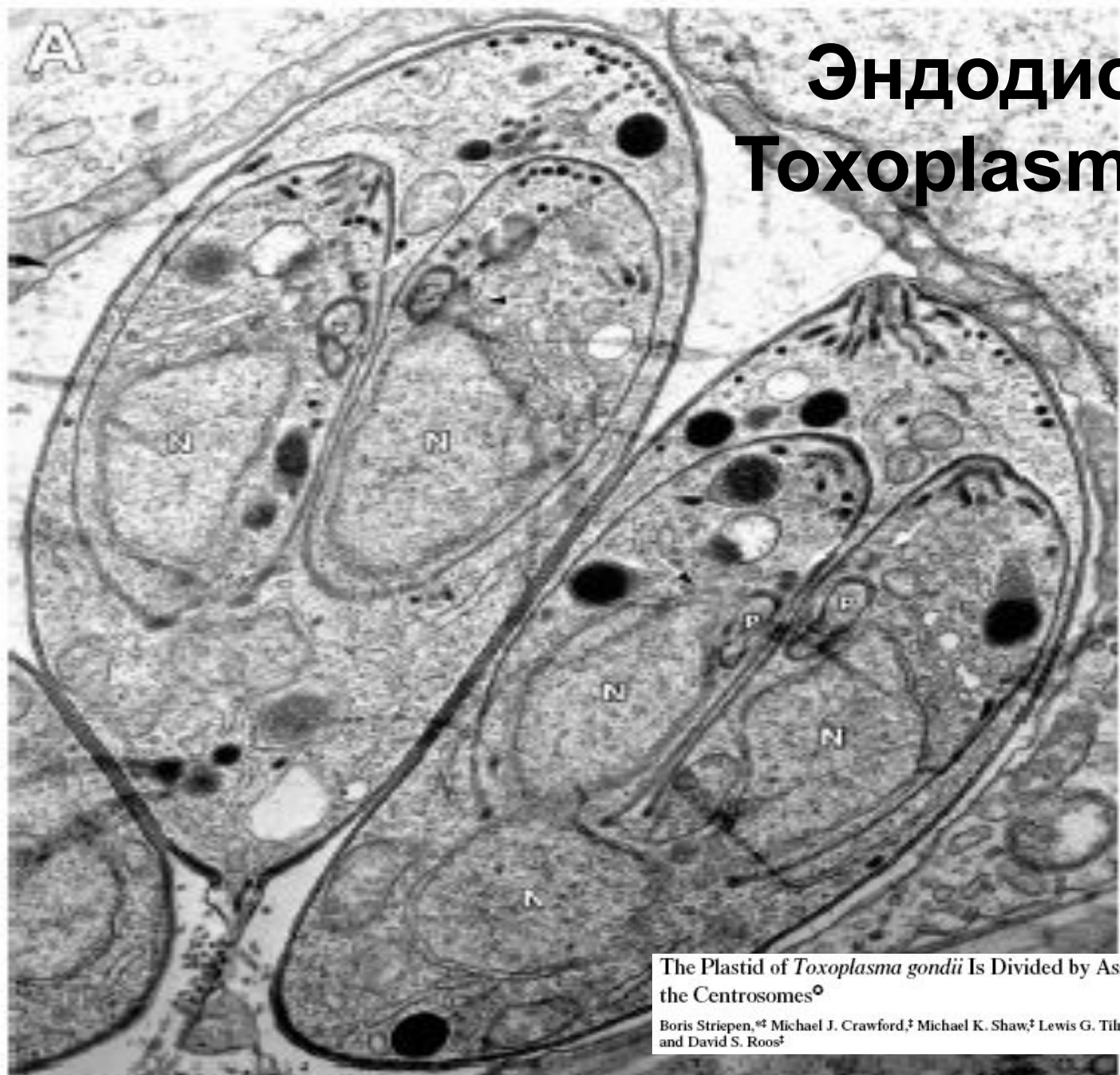


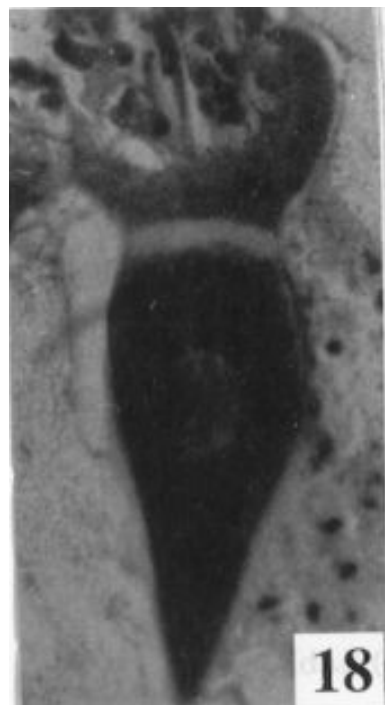
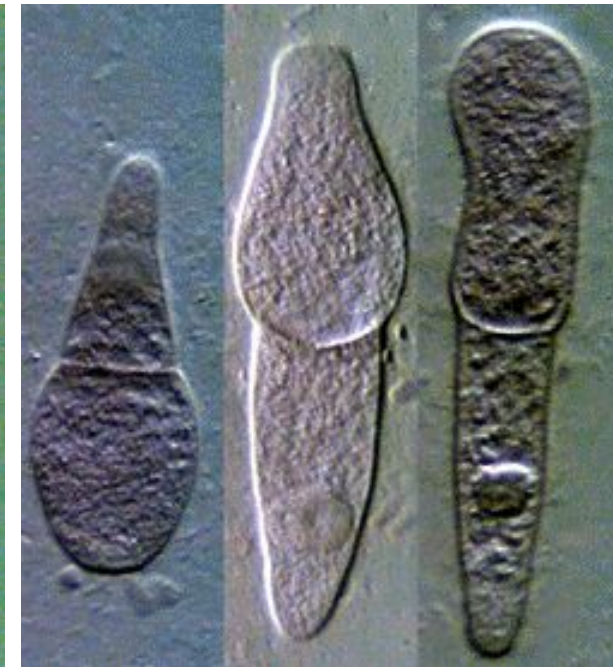
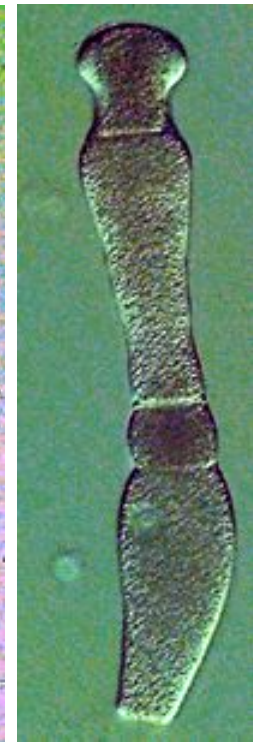
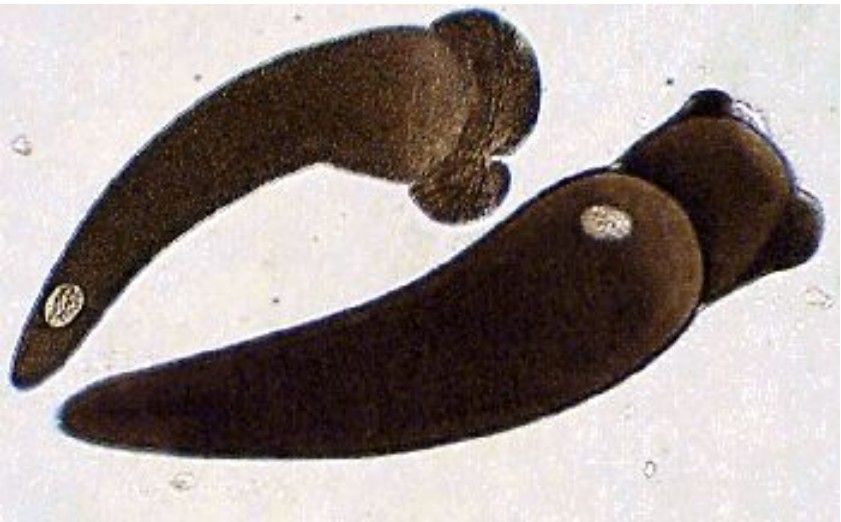
Figure 7. Organelle division, intranuclear complex during

The Plastid of *Toxoplasma gondii* Is Divided by Association with the Centrosomes<sup>o</sup>

Boris Striepen,<sup>\*†</sup> Michael J. Crawford,<sup>‡</sup> Michael K. Shaw,<sup>‡</sup> Lewis G. Tilney,<sup>‡</sup> Frank Seeber,<sup>§</sup> and David S. Roos<sup>‡</sup>

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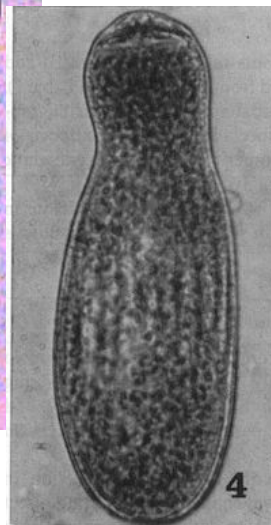




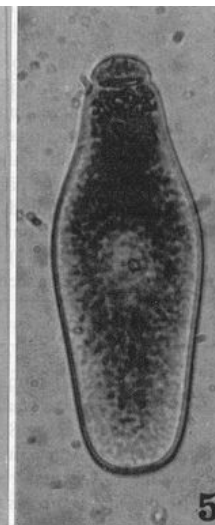
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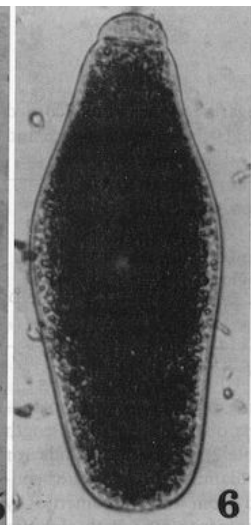
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**Представители п/класса Gregarinomorpha (отряд Eugregarinida)**



