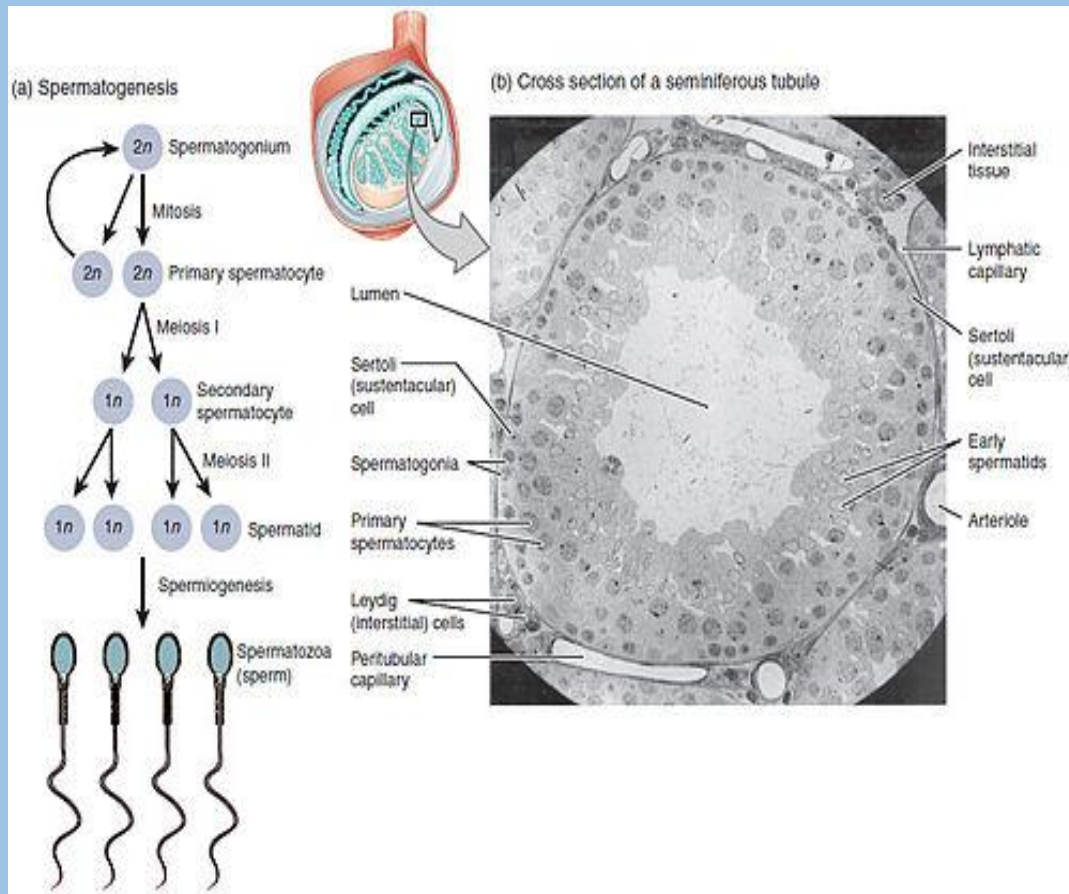
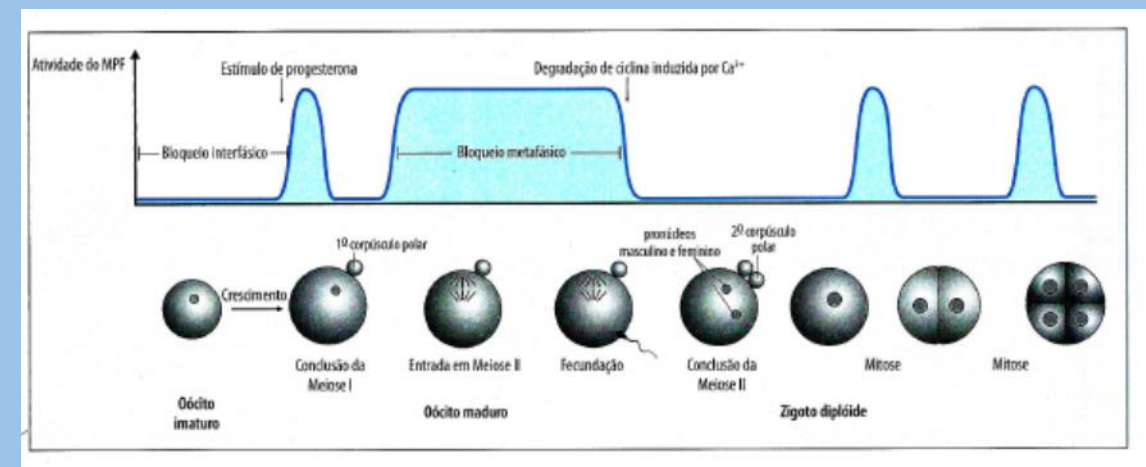
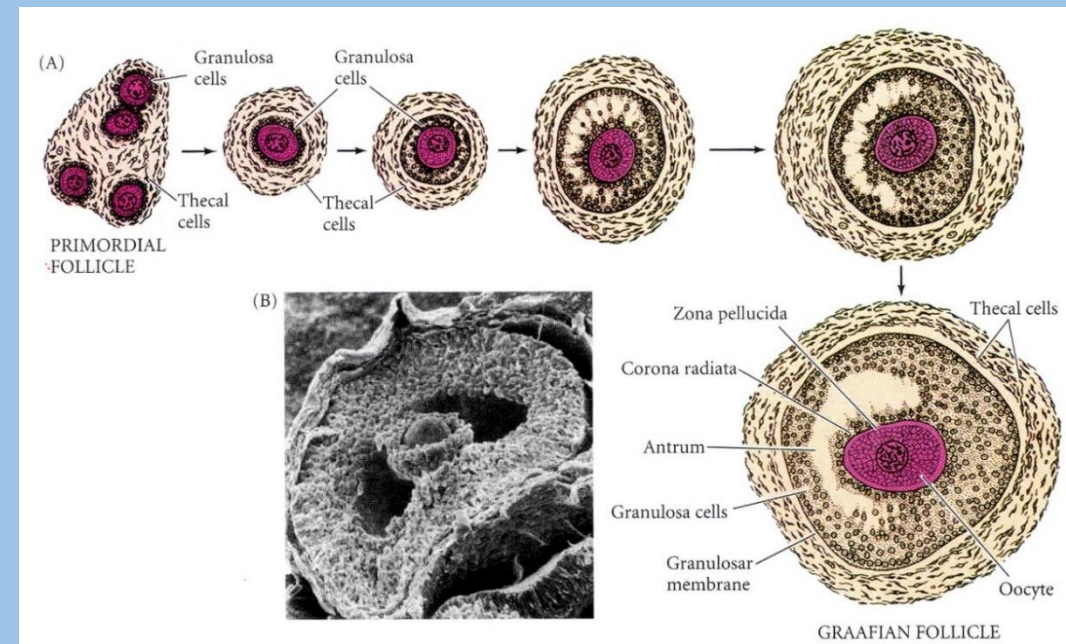


O material desta apresentação está sendo liberado exclusivamente para uso didático e está de acordo com a Lei Federal de Direitos Autorais (Lei 9.610, de 1998). Não é permitida a reprodução deste material para outros fins.

Aula 4. Fecundação

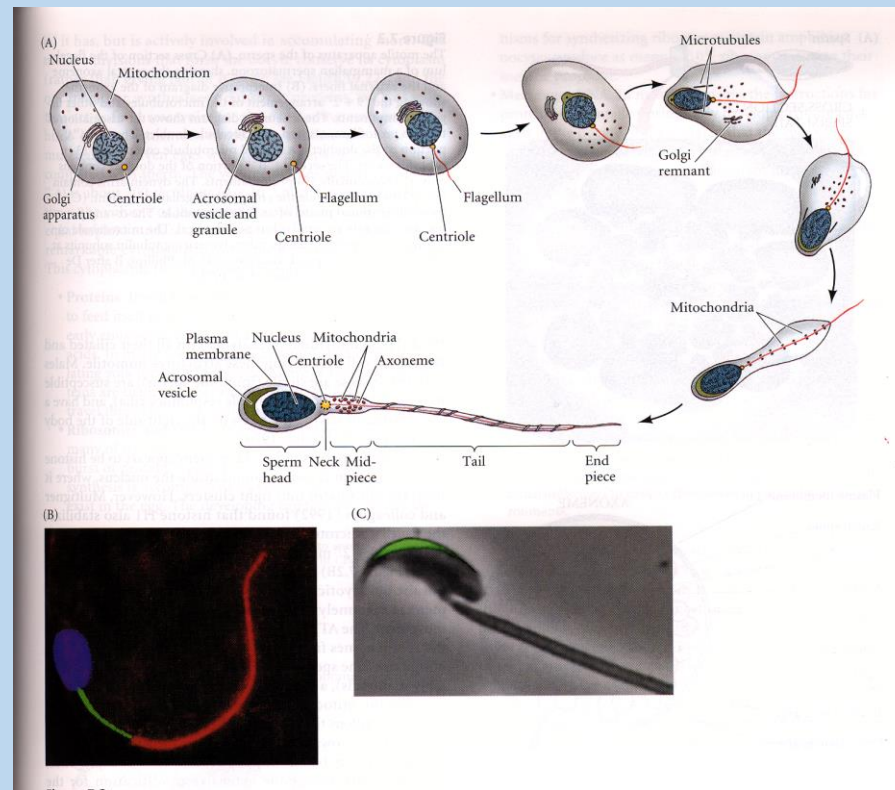
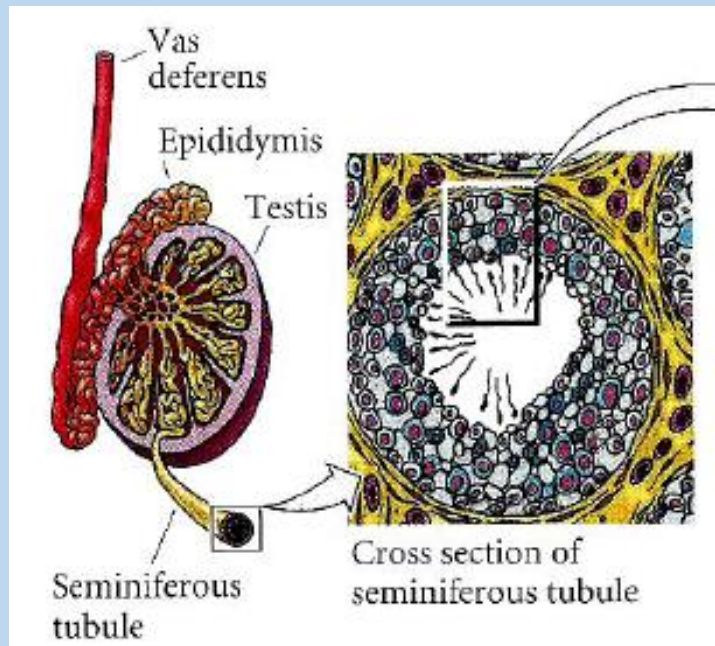


Wikipedia>spermatogenesis



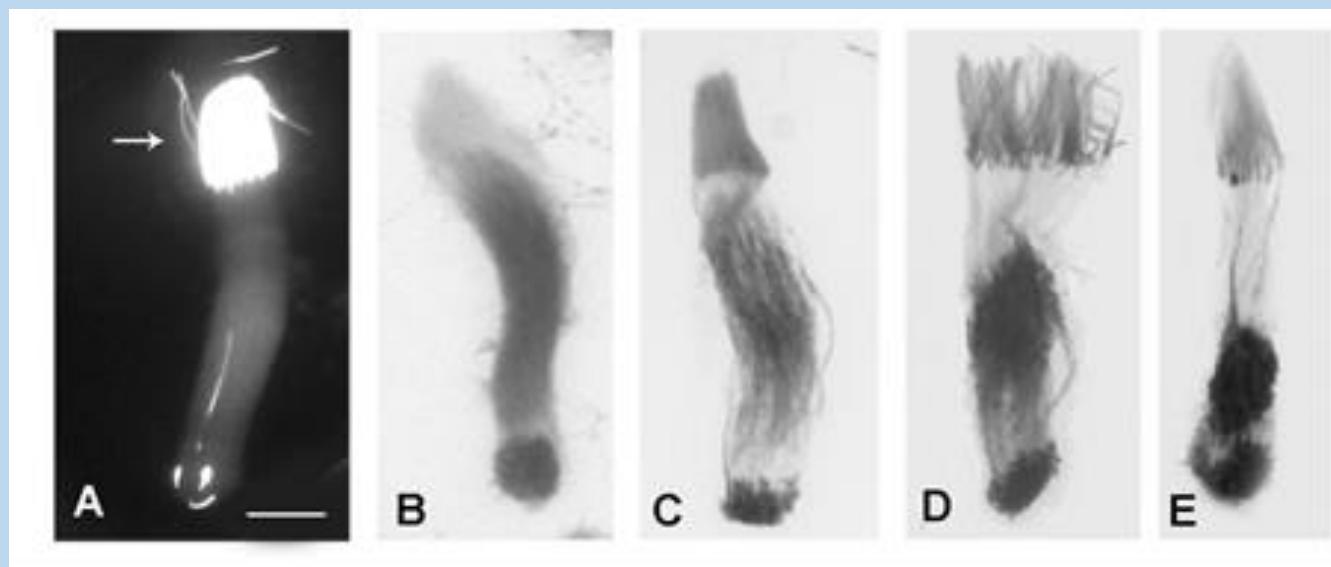
Gilbert, Developmental Biology, 7th edition.

Espermio gênese



mamífero

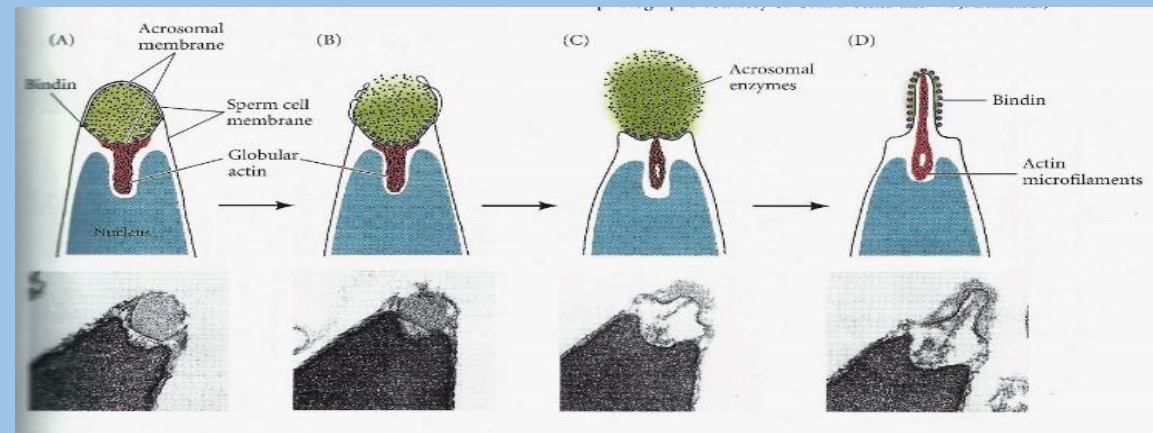
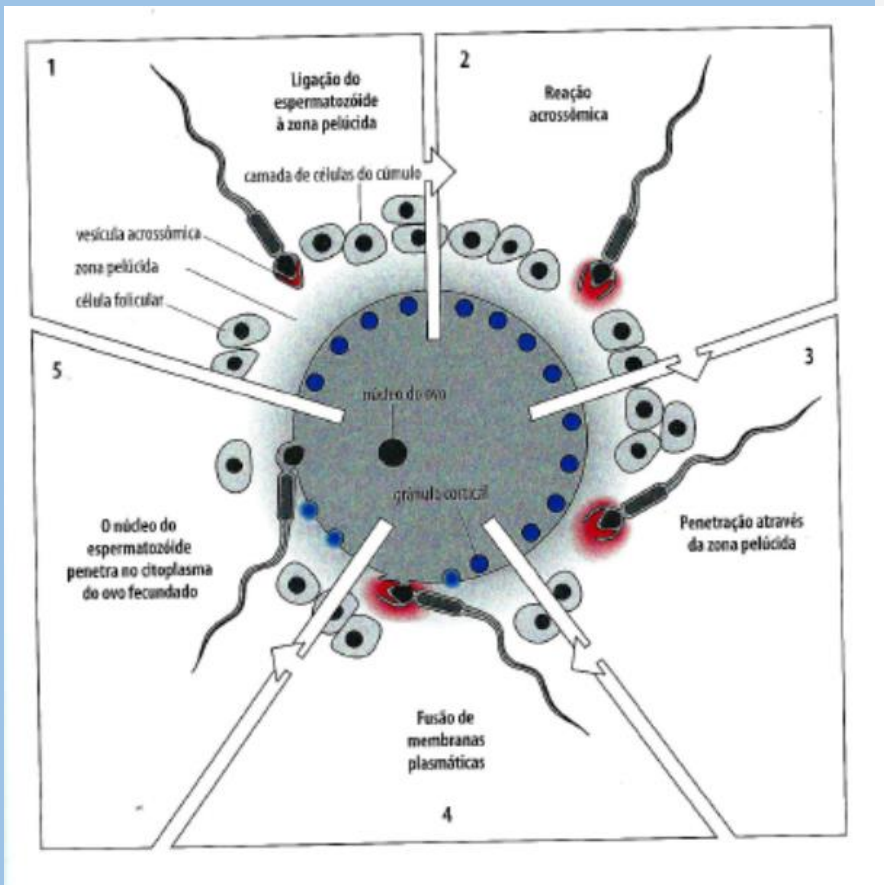
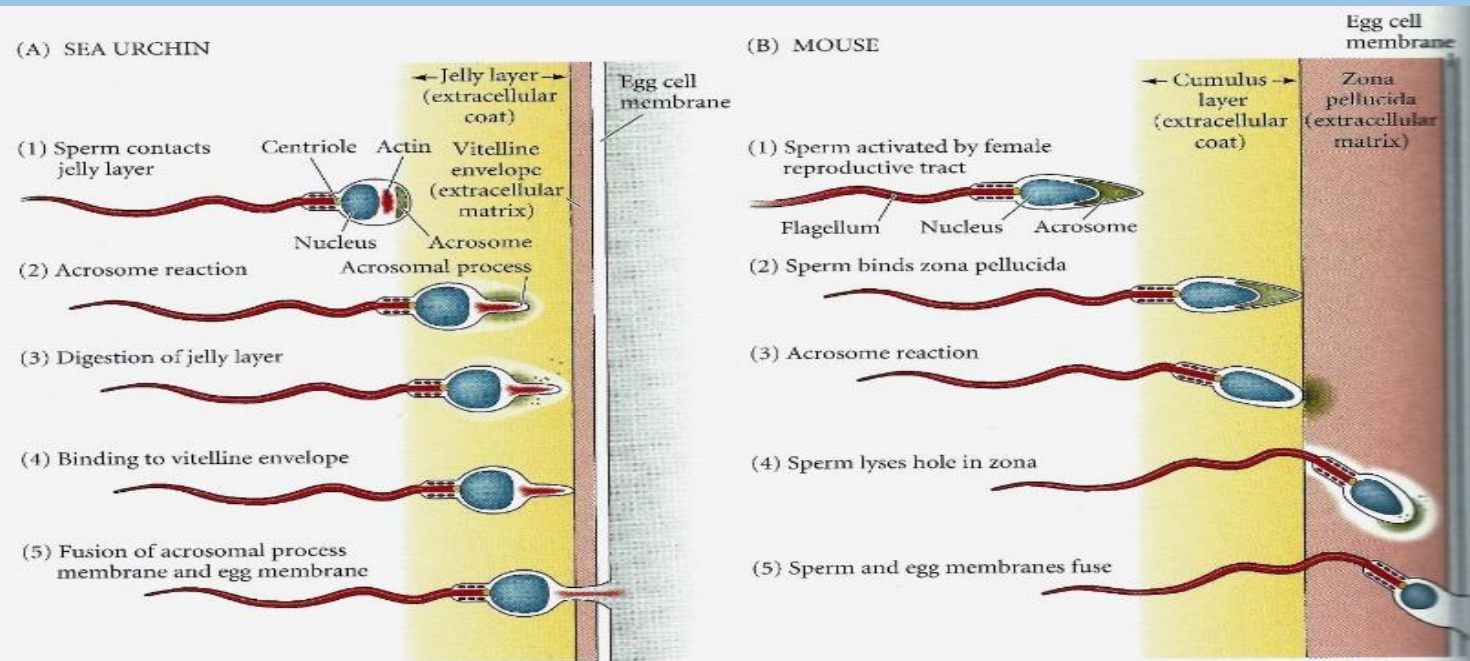
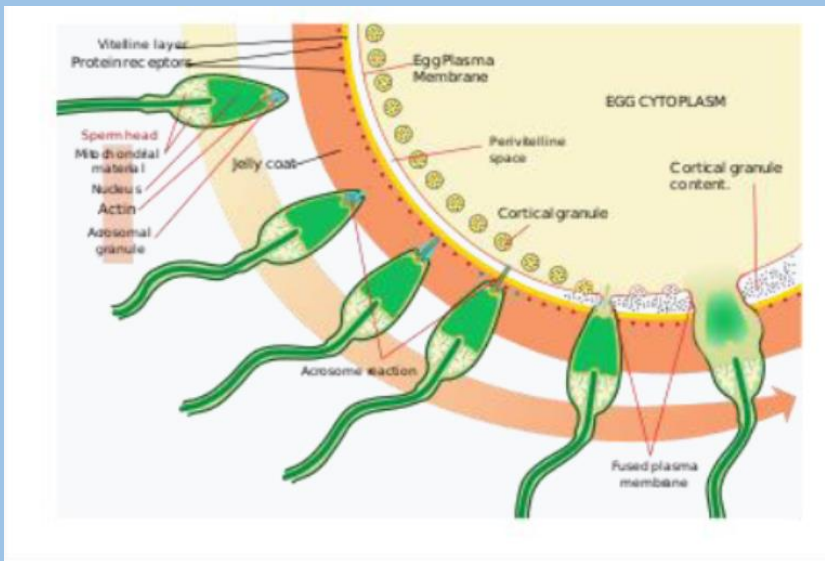
Gilbert, Developmental Biology, 7th edition.



díptero

Prezotto (2012) Tese Doutorado, IBUSP

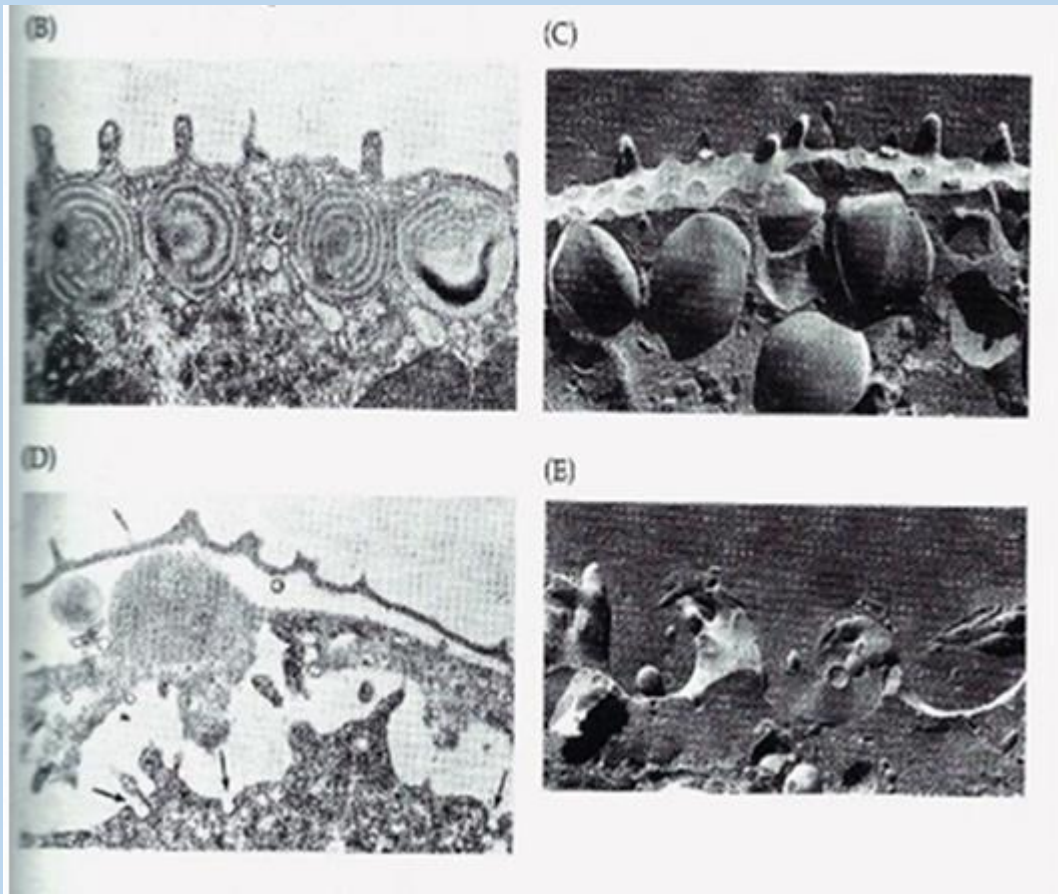
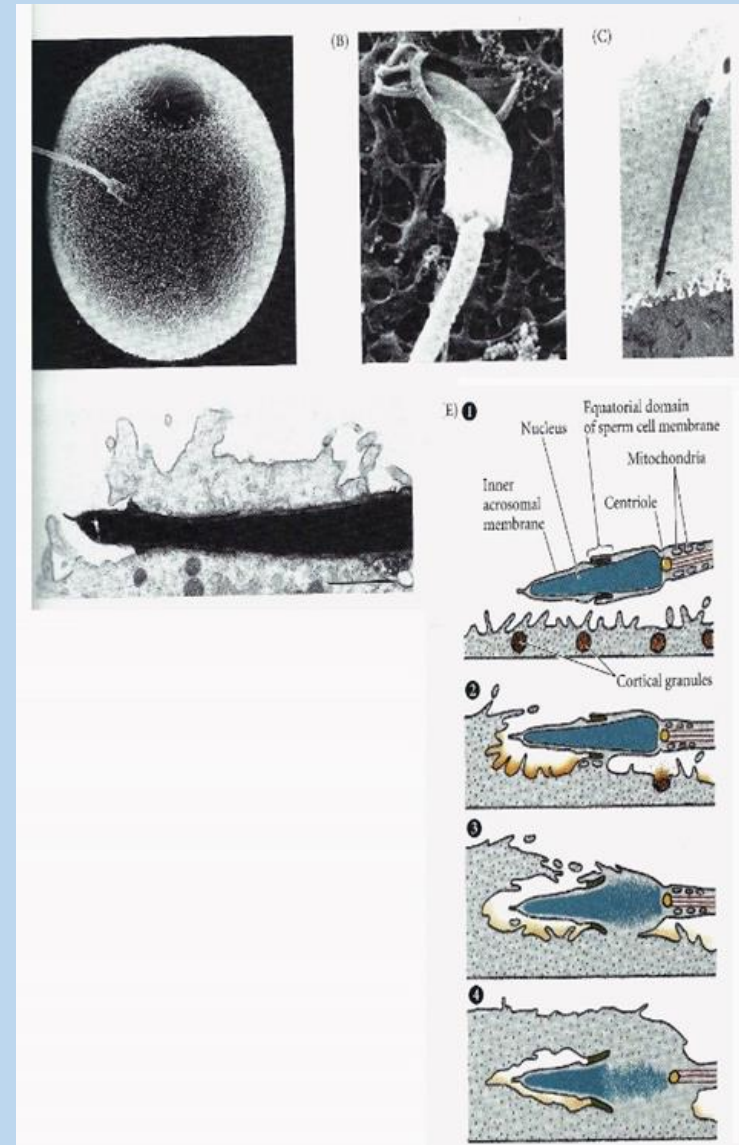
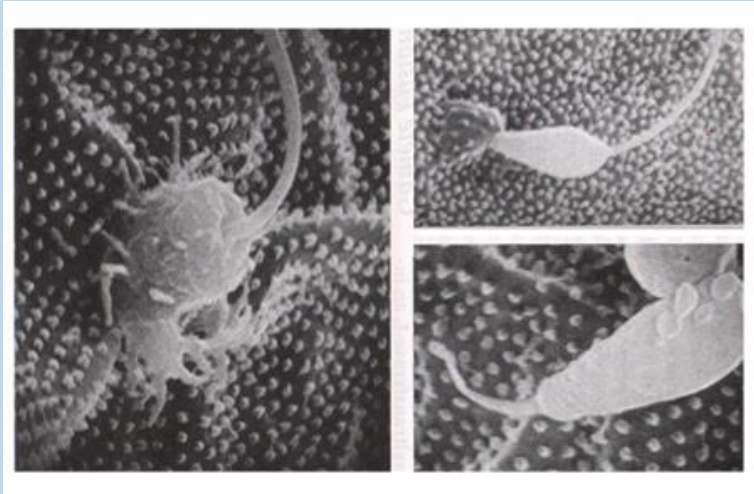
Fertilização

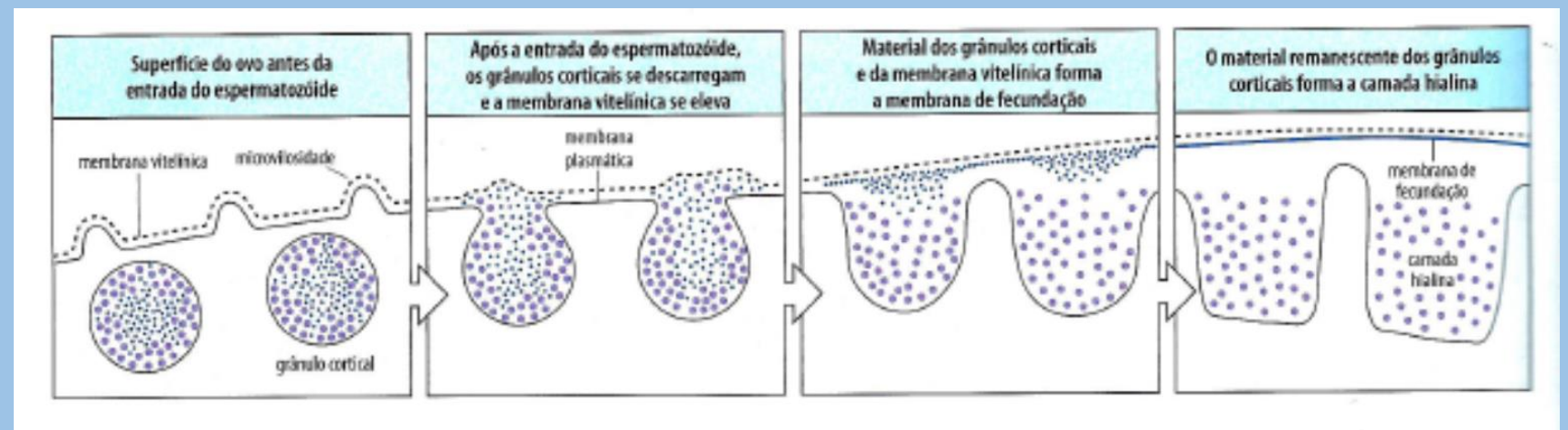
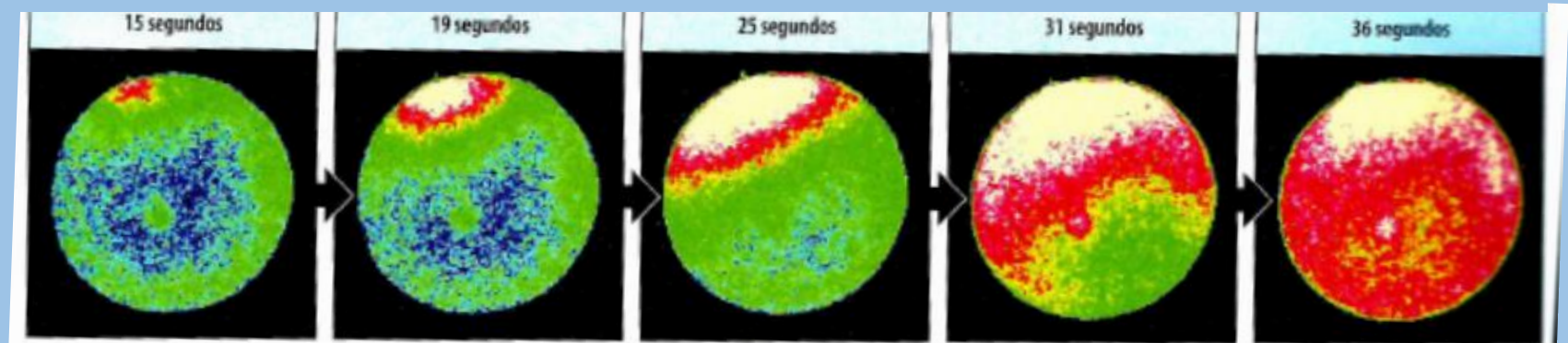
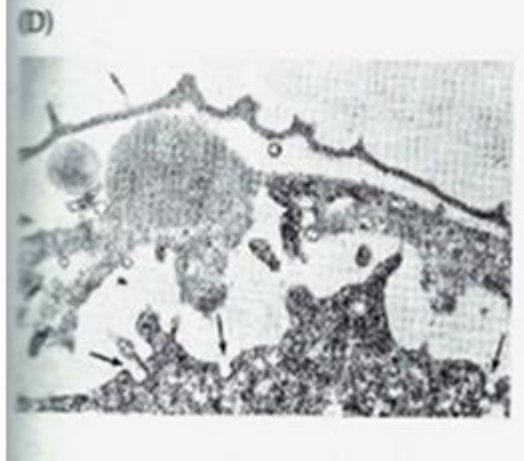
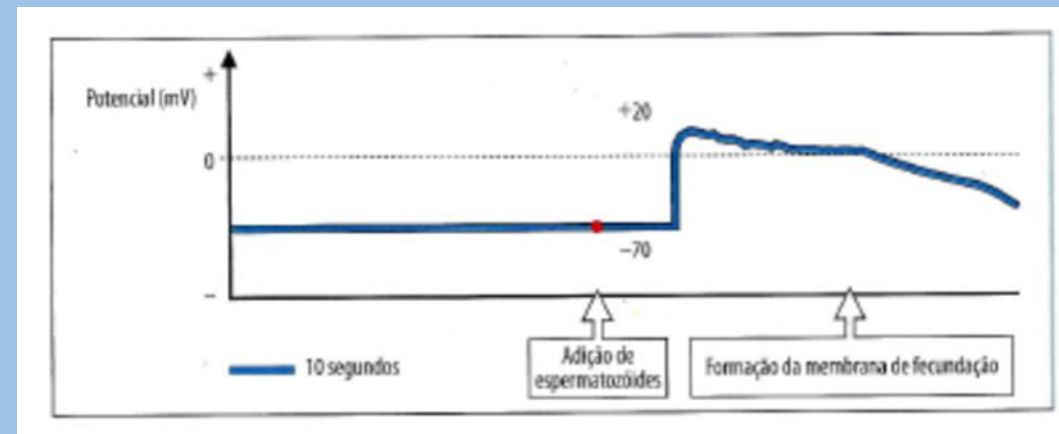


Reação acrossômica

Gilbert, Developmental Biology, 7th edition

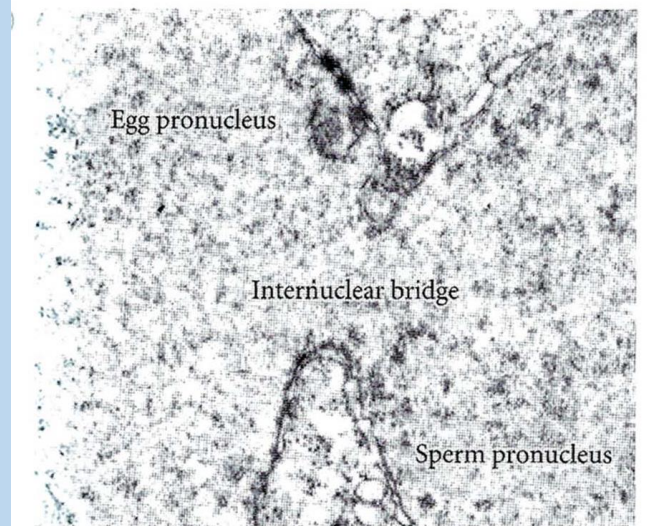
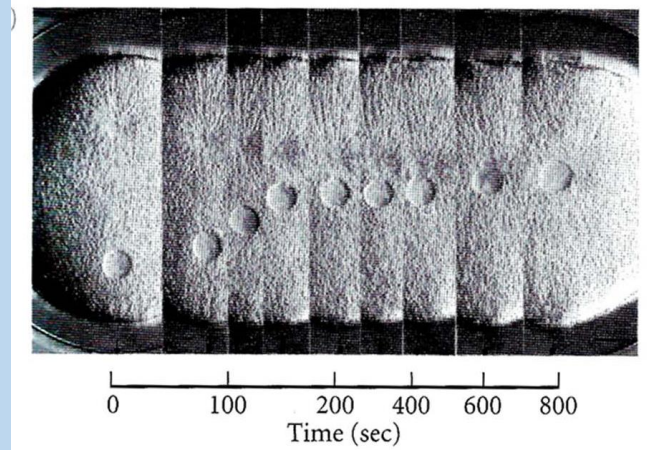
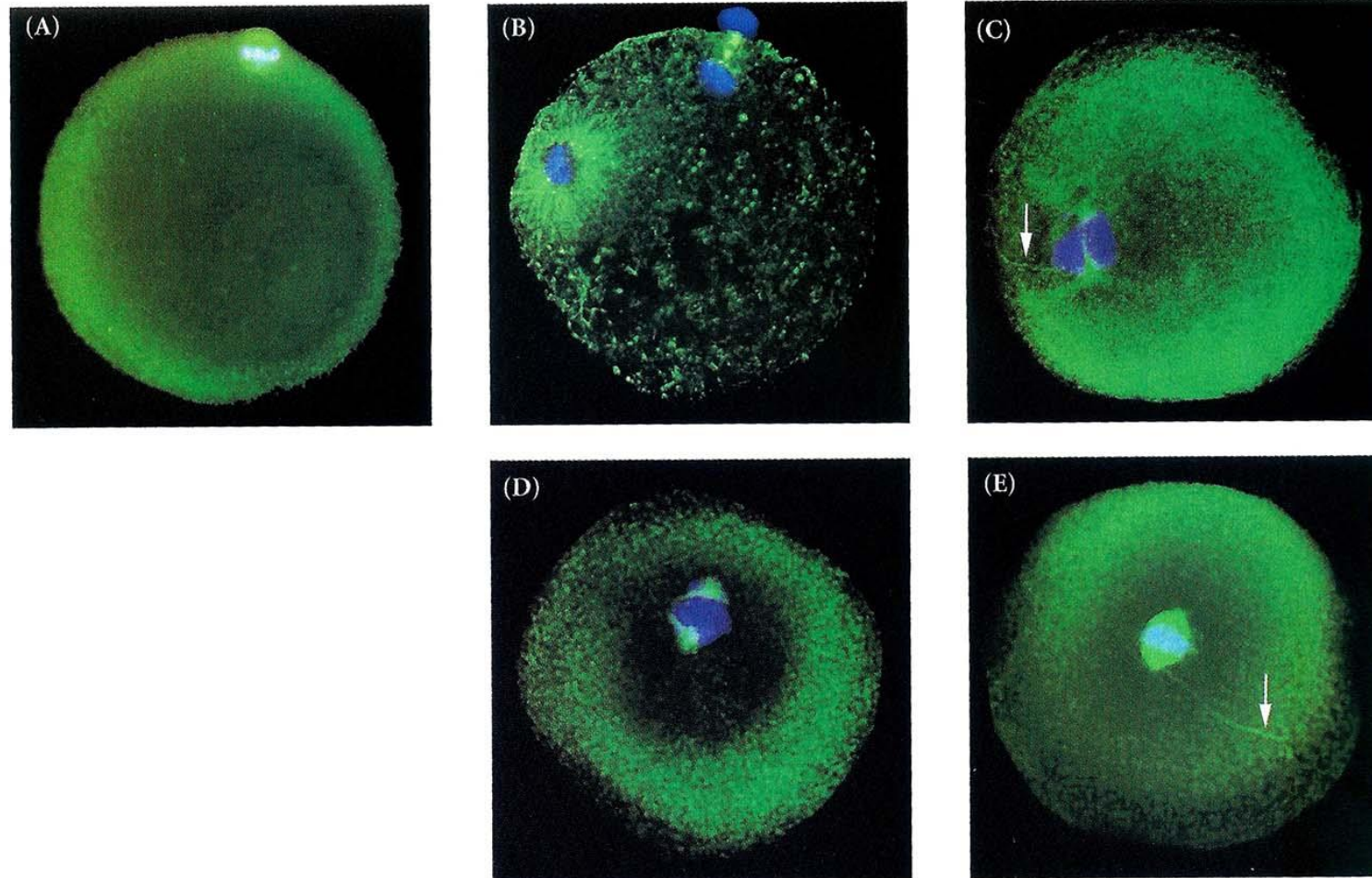
Fertilização





Wolpert, L e col. Princípios de Biologia do Desenvolvimento. 3ª. Edição,

Singamia



Resumo: a fecundação nos mamíferos

atividade da hialuronidase na superfície do espermatozóide de mamífero



o espermatozóide penetra a camada do cúmulo



a ligação à zona pelúcida induz a reação acrossômica no espermatozóide



enzimas são liberadas pelo acrossomo na cabeça do espermatozóide



a membrana plasmática do espermatozóide fusiona-se com a membrana plasmática do ovo



ondas de cálcio

reação cortical provê o bloqueio da polispermia



o núcleo do espermatozóide é liberado no citoplasma



o ovo completa a meiose e o desenvolvimento é iniciado