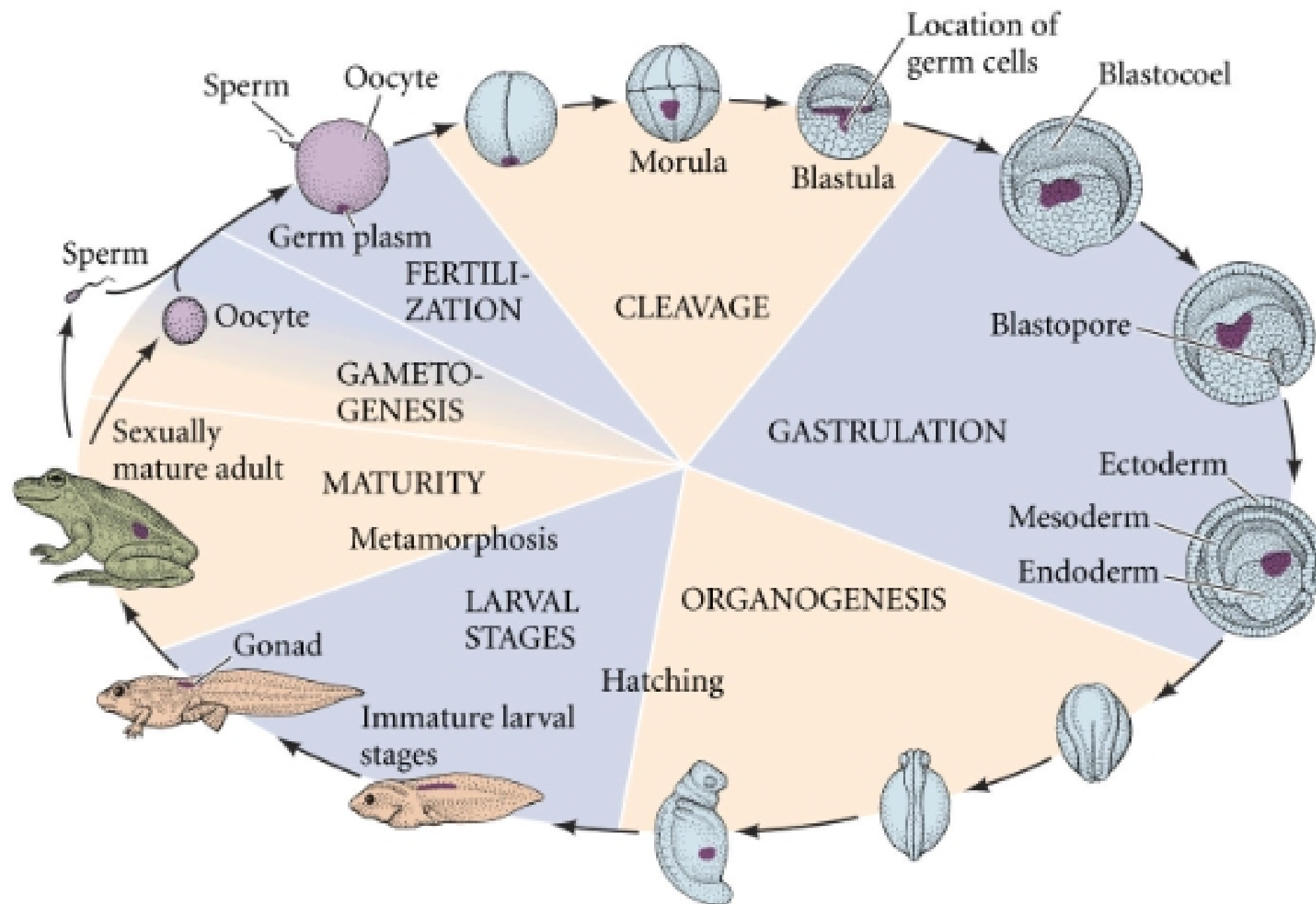




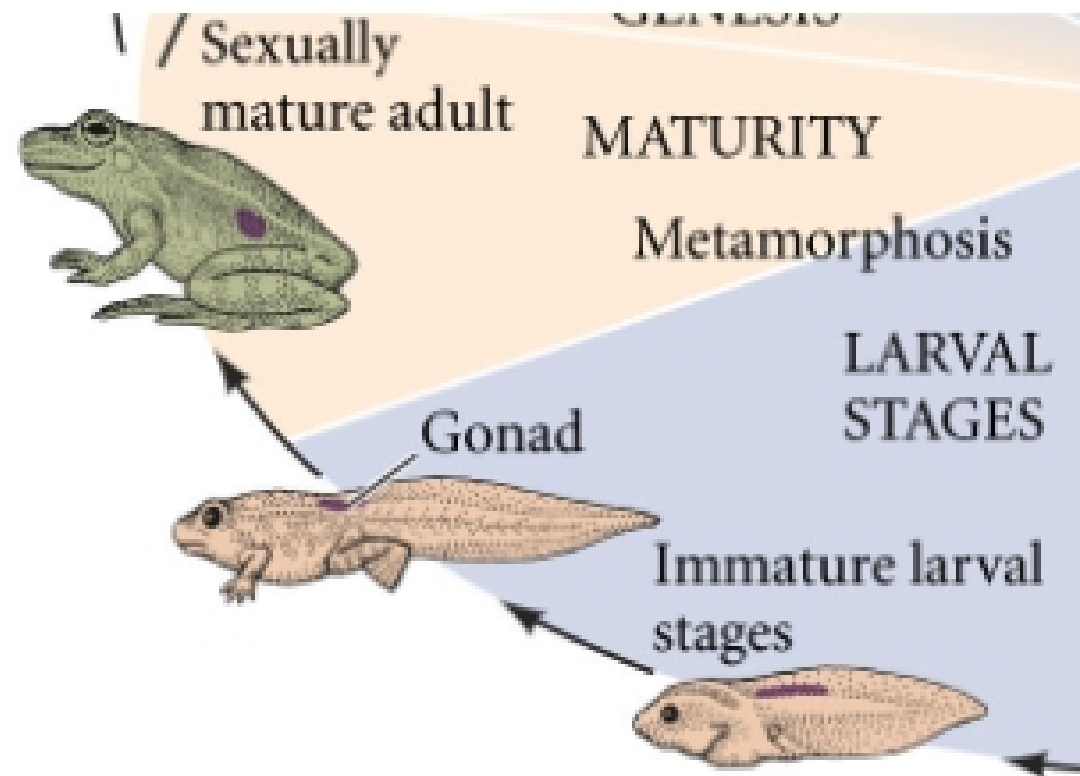
CHAPTER 18,
POSTEMBRYONIC
DEVELOPMENT:
METAMORPHOSIS &
REGENERATION

ZOO3603 12/1/09

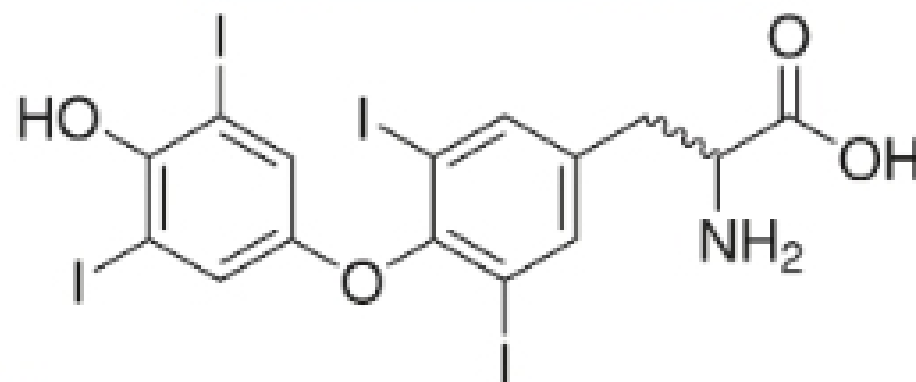
Developmental history of the leopard frog, *Rana pipiens*



Metamorphosis & thyroid hormones in amphibian

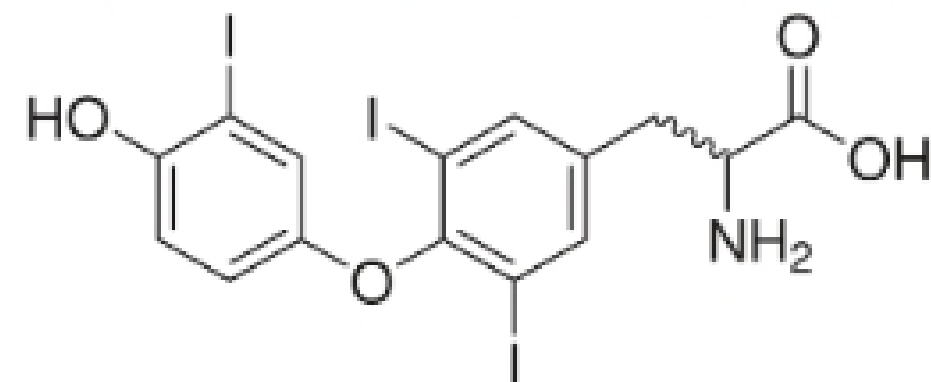


Thyroxine (T_4)



Circulating inactive form

Tri-iodothyronine (T_3)



Active form

- Metamorphosis in amphibian is initiated by thyroid hormone such as thyroxine (T_4) and tri-iodothyronine (T_3).