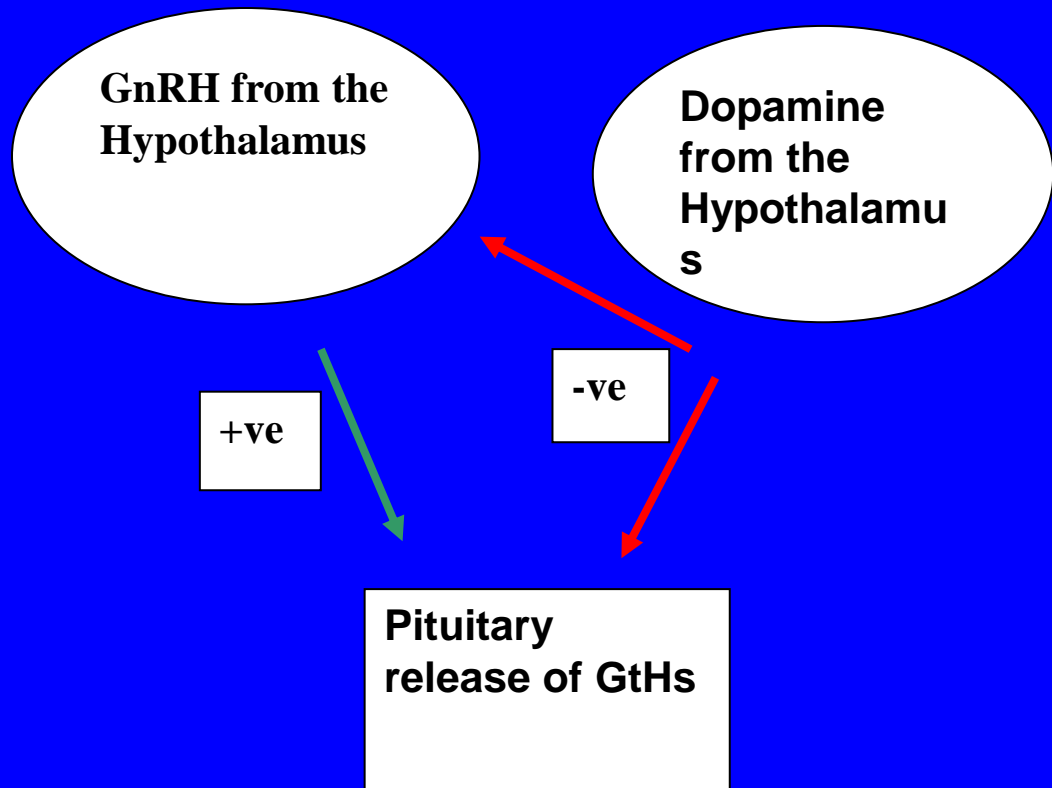


Dopamine Inhibition

- Dopamine:
 - Blocks release of GnRH
 - Inhibits GtH release
- Released by environmental cues
- Must be blocked



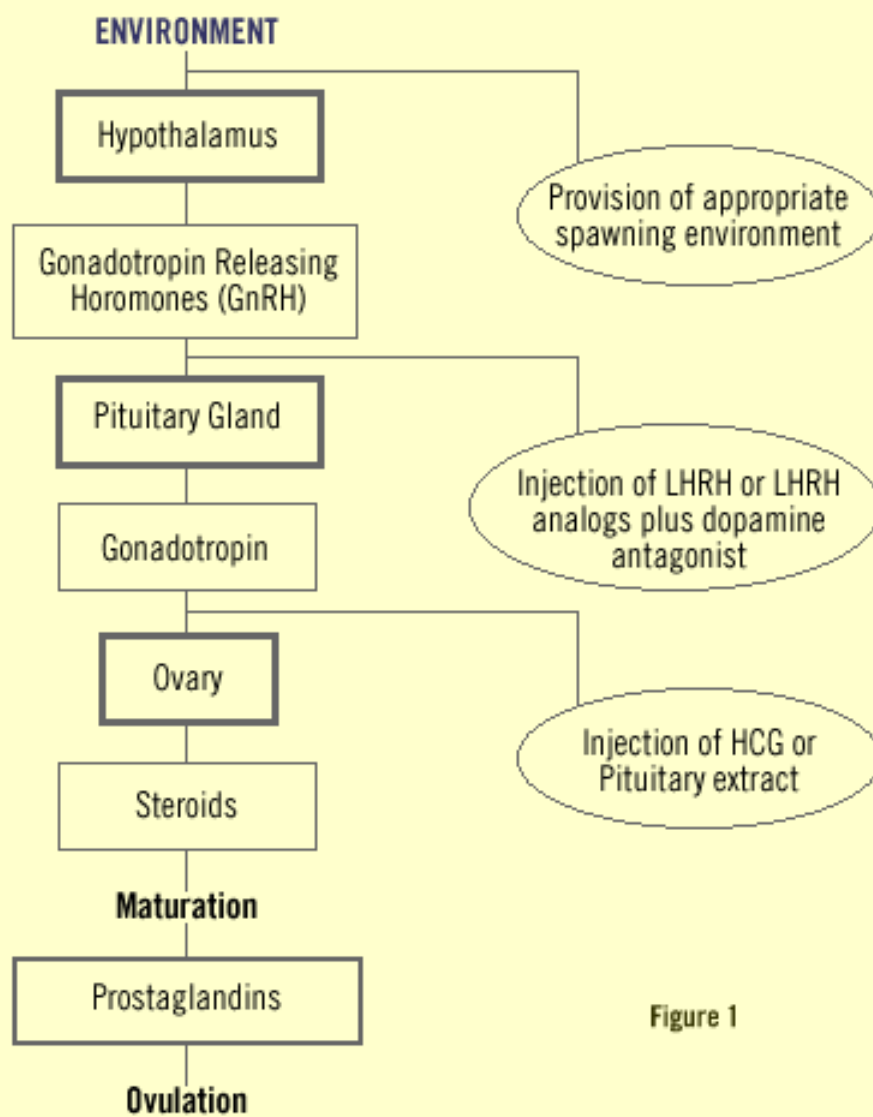
The Point Is:

- Unless the fish is an Ostariophysean, GnRH alone should work
- Based on principle



The Natural Hormone Cascade

Strategies for Inducing Reproduction



Steroids



- Act at the level of the gonad
- Augment natural levels to advance gamete release
- Overdose to get effect



Steroids



- Least desirable
- Most dangerous method for you and fish
- No control over dose
- Wastewater nightmare
- Can cause sterility, gynomastia

