

FORMATION III
Fertilization and Fertility
3.30.05

gametogenesis

fertilization

zygote

gametes

germ plasm

primordial germ cells

testis

ovary

spermatogonia

oogonia

mitosis

meiosis

spermatozoa

oocytes/eggs

hormonal control

hypothalamus

pituitary

gonads

estrogen

progesterone

testosterone

infertility

ART

IVF

ICSI

PGD

acrosome

zona pellucida

sperm/egg recognition

chemoattraction

capacitation

ZP3

acrosome reaction

engulfment

cortical granule release

polyspermy

pronuclear fusion