



ACROSS

- 4 A _____ is the haploid cell that is the male gamete. It joins an ovum to form a zygote.
- 6 Ovarian _____s are the basic unit of female reproductive biology, roughly spherical aggregations of cells found in the ovary.
- 7 _____ is an event that occurs early in pregnancy in which the embryo adheres to the wall of uterus.
- 8 The _____ or womb is the major female reproductive organ. One end, the cervix, opens into the vagina; the other is connected on both sides to the fallopian tubes.
- 9 _____ is the process by which a mature ovarian follicle ruptures and discharges an ovum.
- 11 The _____ is the inner membrane of the uterus.
- 14 _____ stimulating hormone is secreted by the anterior pituitary gland to stimulate the growth of Graafian follicles in women and enhance the production of androgen-binding protein by Sertoli cells in men.
- 15 A _____ is a female gametocyte or germ cell involved in reproduction, in other words, an immature ovum.
- 17 The zona _____ is a glycoprotein membrane surrounding the plasma membrane of an oocyte.
- 18 The _____ is an ephemeral organ present during pregnancy, which develops from the same sperm and egg cells that form the fetus, and functions as a fetomaternal organ for filtration and transfer.
- 19 _____ refers to the first menstrual period, or first menstrual bleeding.
- 21 The _____ phase, or proliferative phase, is the phase of the menstrual cycle during which follicles in the ovary mature to climax with ovulation.
- 23 Human chorionic _____ is a peptide hormone made by the embryo soon after conception and later by the placenta, preventing the disintegration of the corpus

- luteum and thereby maintaining progesterone levels for pregnancy.
- 24 _____ is the generic term for any natural or synthetic compound, usually a steroid hormone, that stimulates or controls the development and maintenance of masculine characteristics in vertebrates.
- 28 A _____ is a male gametocyte which is derived from a spermatogonium.
- 29 A _____ is a kind of germ cell that results from the meiosis of a gametocyte.
- 30 _____ is a steroid hormone involved in the female menstrual cycle, pregnancy and embryogenesis.
- 32 _____ is a phase of the menstrual cycle in which the endometrium is shed.
- 33 The corpus _____ is a temporary endocrine structure in mammals, involved in the production of the progestogens which are needed for the maintenance of a pregnancy.

- 34 A _____ is an organ that makes gametes.
- 35 _____ hormone is synthesized and secreted by the anterior lobe of the pituitary gland. In the female, an acute rise of LH triggers ovulation. In the male, LH stimulates Leydig cell production of testosterone.
- 36 A _____ cell is a somatic cell found closely associated with the developing oocyte within the ovary.
- 37 _____ is the creation of an ovum, the female process of gametogenesis.
- 38 The _____ is an organelle that develops over the anterior half of the spermatozoon's head which contains digestive enzymes including hyaluronidase and acrosin.
- 39 _____ is the principal male sex hormone and an anabolic steroid. It is primarily secreted in the testes of males and the ovaries of females, although small amounts are also secreted by the adrenal glands.

DOWN

- 1 Found adjacent to the seminiferous tubules in the testicle, _____ cells can secrete testosterone and are often closely related to nerves.
- 2 The _____ cycle is a recurring cycle of physiologic changes under endocrine control necessary for reproduction that occurs in females.
- 3 The word _____ literally means the permanent physiological, or natural, cessation of menstrual cycles.
- 5 A _____ is an immature ovum. It is a female gametogonium.
- 10 _____ is the maturation of the ovarian follicle, a densely-packed shell of somatic cells that contains an immature oocyte.
- 12 Labelled the female hormone but also present in males, _____ is the major estrogen in humans, not only of critical importance for reproductive and sexual functioning, but also affects other organs.
- 13 Fertilization is fusion of gametes to form a new organism of the same species.
- 16 A _____ is an intermediary male gametogonium in the production of spermatozoa.
- 20 The term _____ refers to the haploid male gametid that results from division of secondary spermatocytes.
- 22 _____ is the process by which male spermatogonia develop into mature spermatozoa.
- 25 _____ tubules are located in the testicles, and are the specific location of meiosis, and the subsequent creation of gametes, namely spermatozoa.
- 26 _____ describes the secretion of milk from the mammary glands, the process of providing that milk to the young, and the period of time that a mother lactates to feed her young.
- 27 A _____ is a haploid female reproductive cell or gamete.
- 31 A _____ is the egg-producing reproductive organ found in female organisms
- 35 The _____ phase, or secretory phase, is the latter phase of the menstrual cycle, which begins with the formation of the corpus luteum and ends in either pregnancy or luteolysis.