

Sexual Reproduction in Animals:

Most animals reproduce sexually. The sexual reproduction is based on the formation and the fusion of male and female gametes.

Formation of Gametes (Gametogenesis):

The formation of gametes is called gametogenesis. In this process, diploid ($2N$) gamete-mother cells undergo meiosis and form haploid ($1N$) gametes. The male and female gametes (sperms and egg cells or ova) are produced in specialized organs called gonads. Male gonads are called testes (singular testis) while female gonads are called ovaries. The production of sperms in testes is called spermatogenesis and the production of egg cells in ovaries is called oogenesis (as per below fig)

Spermatogenesis: