

















SPERMATOGONIA  
 ① SPERMATOGONIA ♂

WHEN GERM CELLS DIVIDE → SPERM

COMPLETE MEIOSIS WITHIN A FEW HOURS → 4 ST

COMPLETE MEIOSIS I → 2° SC  
 REMAIN IN PROPHASE 22 DAYS

- LEPTOTENE LONG THIN DNA STRANDS
- ZYGOTENE SYNOPSIS OCCUR
- PACHYTENE SHORT THICK COILED DNA
- DIPLOTENE CHROMATIDS SEPARATE AT CENTROMERE

ENTER MEIOSIS I & UNDERGO DNA REPLICATION

- 1) ILCM WITHIN GERM CELLS → 66 HOURS
- 2) REDISTRIBUTES MAT & PAT CHROM → GENETIC VARIABILITY
- 3) PROMOTES EXCHANGE SMALL AMOUNTS MAT & PAT VIA CROSSOVER IN I





























