CYTOKINESIS TYPES

CELL PLATE FORMATION FURROWING

CYTOKINESIS TYPES

CYTOKINESIS CELL PLATE FORMATION

CYTOKINESIS CELL PLATE FORMATION



CELL PLATE FORMATION

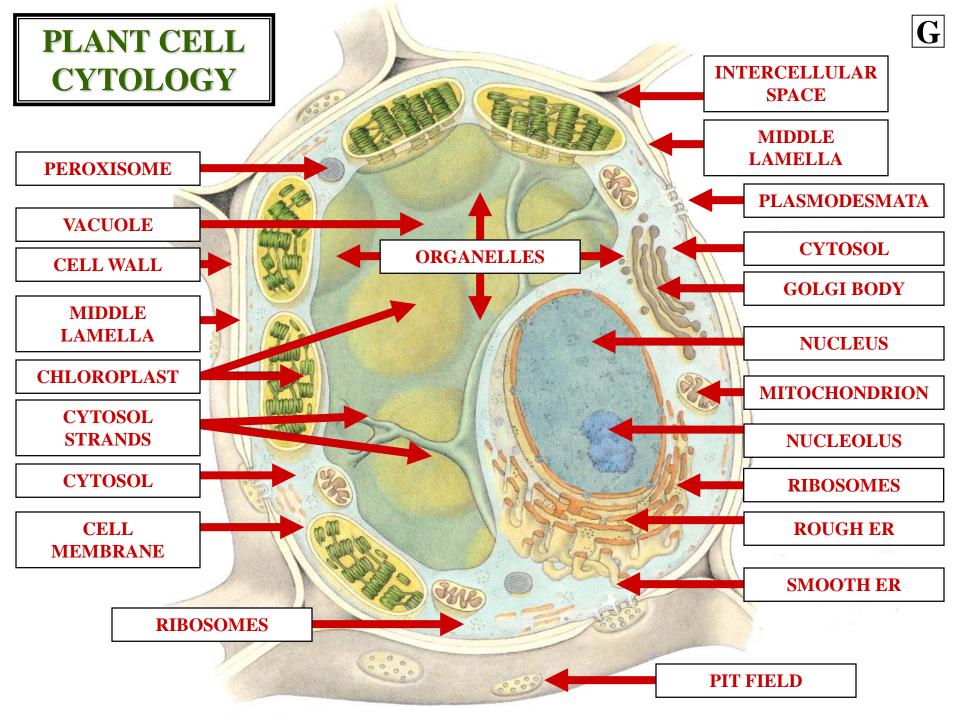
CYTOSOL DIVISION PLANT CELLS

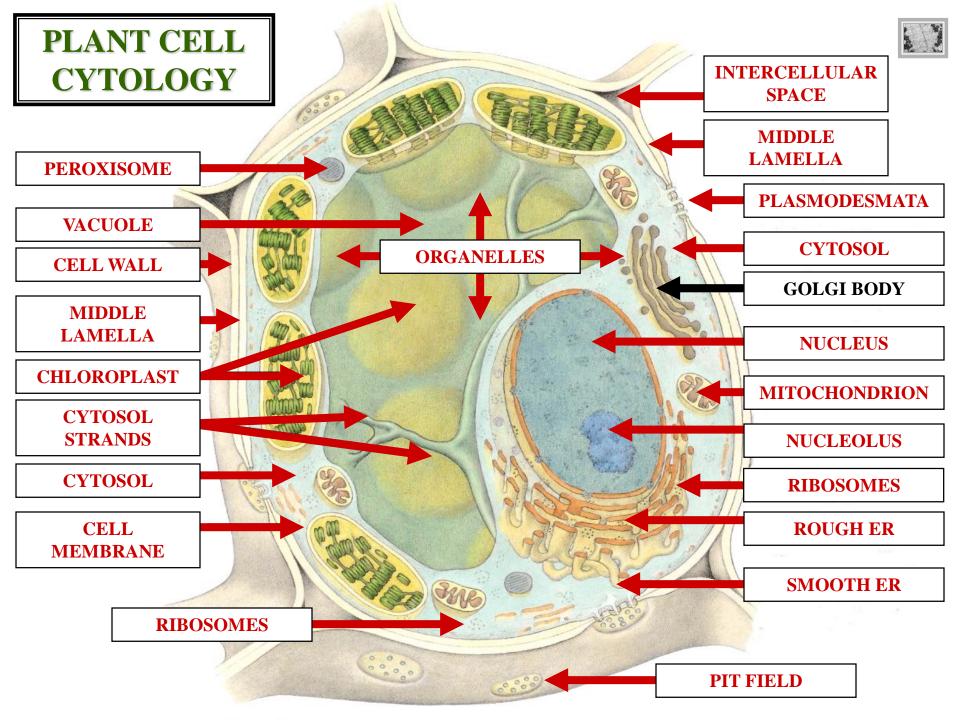
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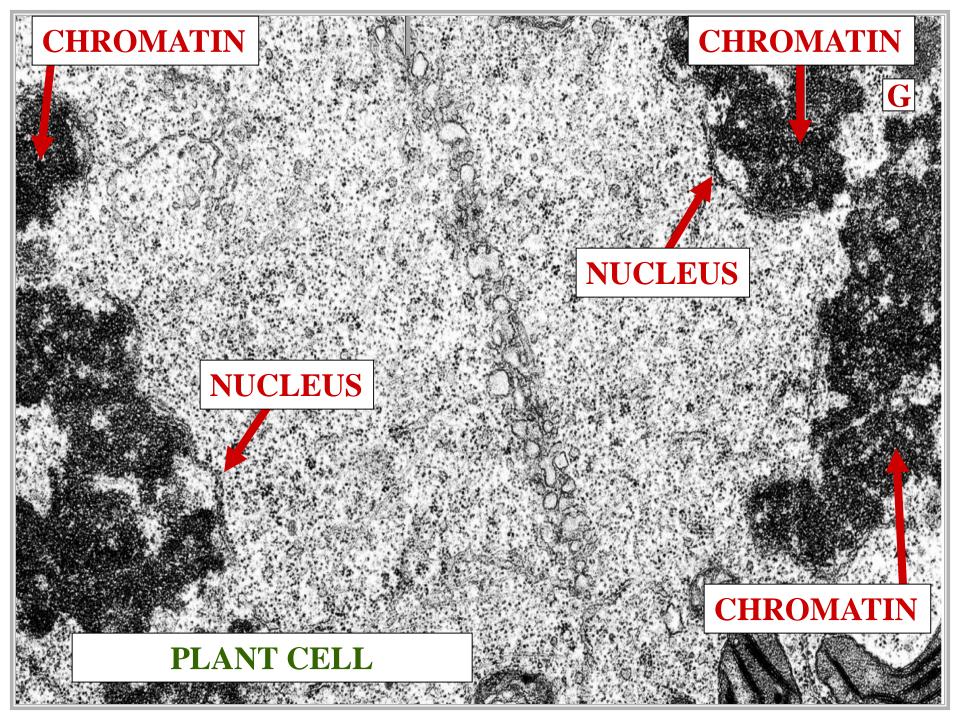


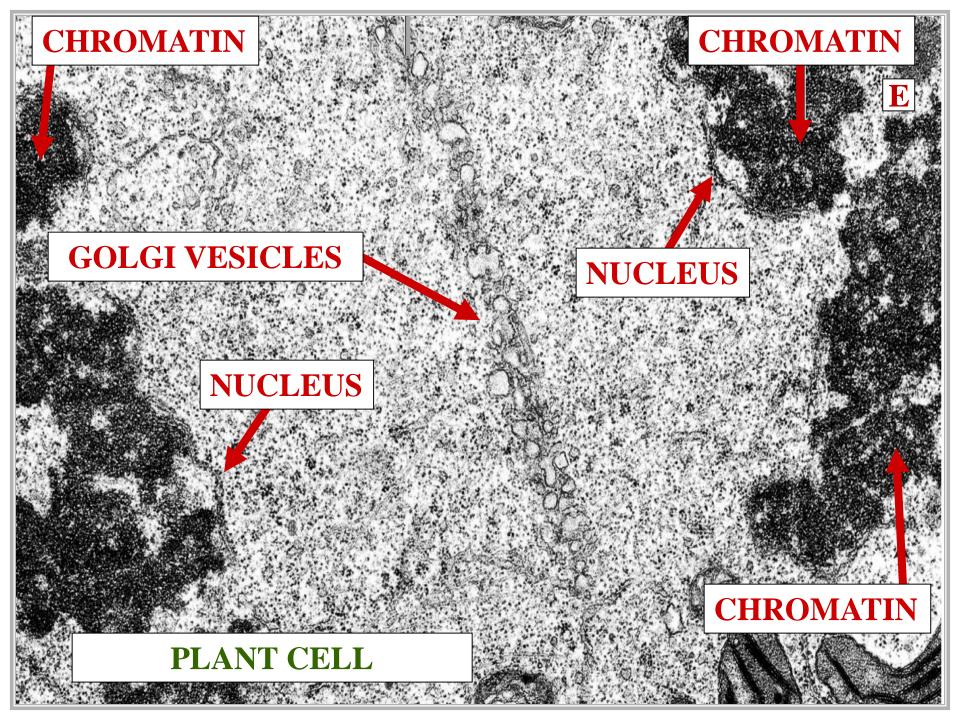
PLANT CYTOKINESIS

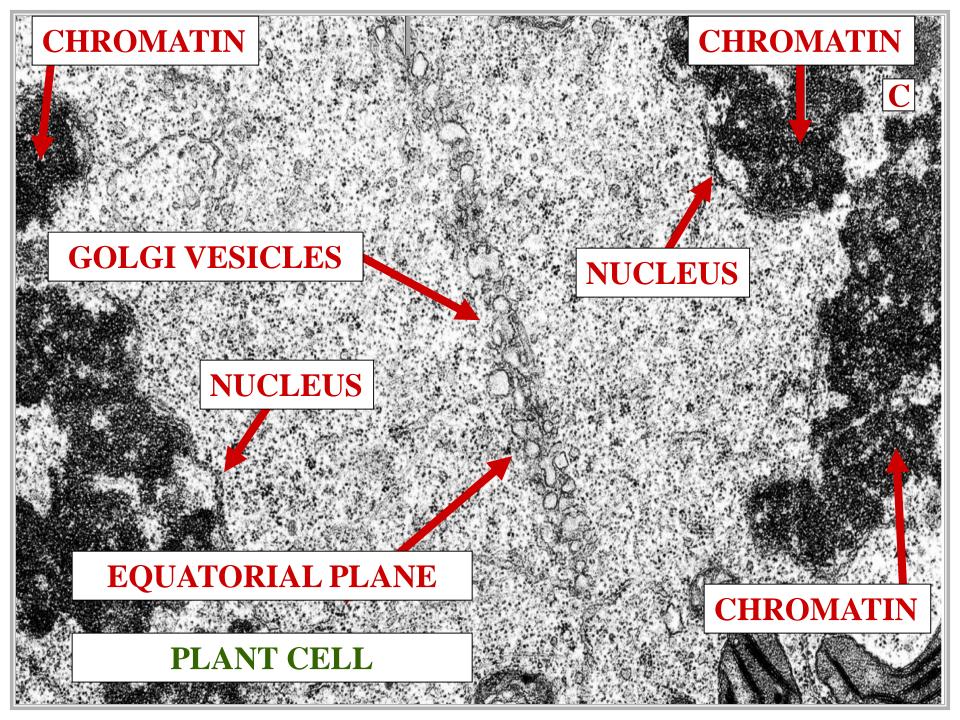


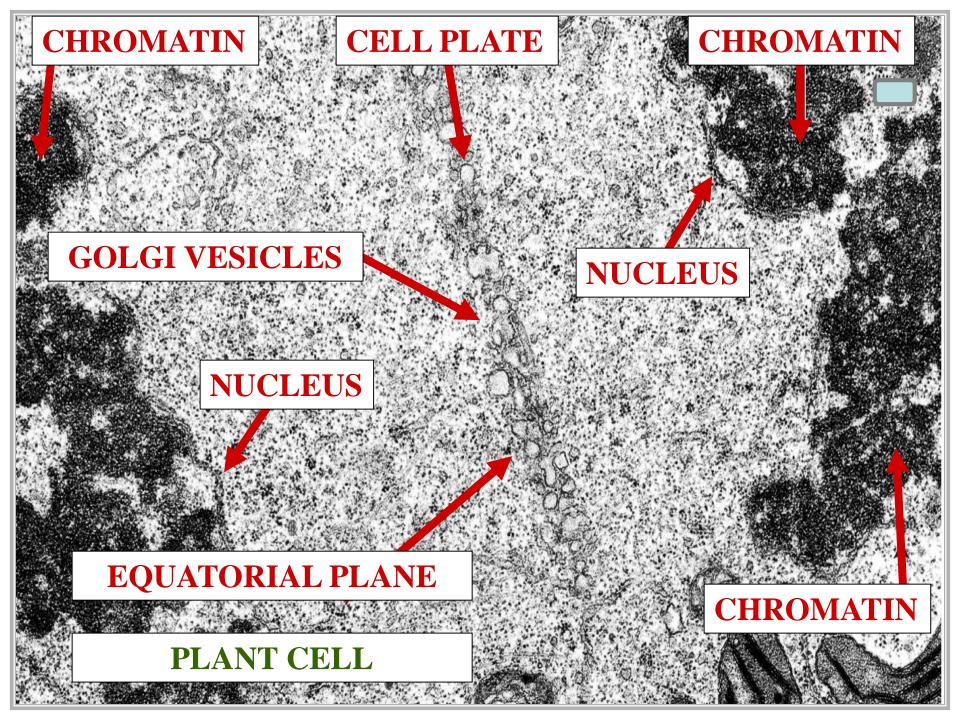


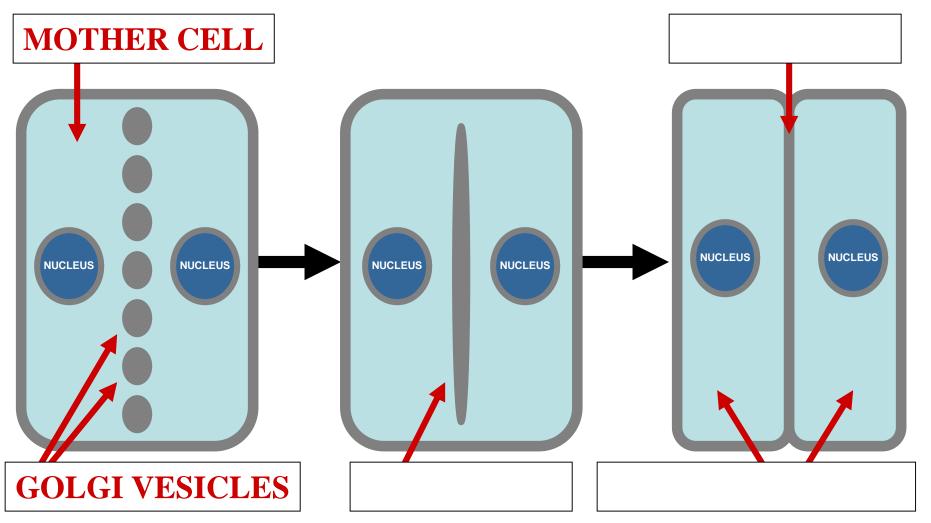


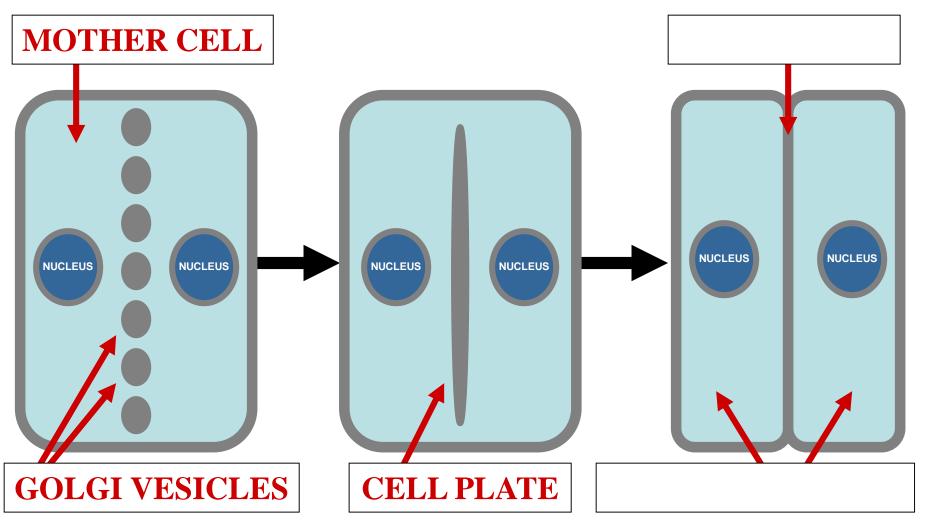




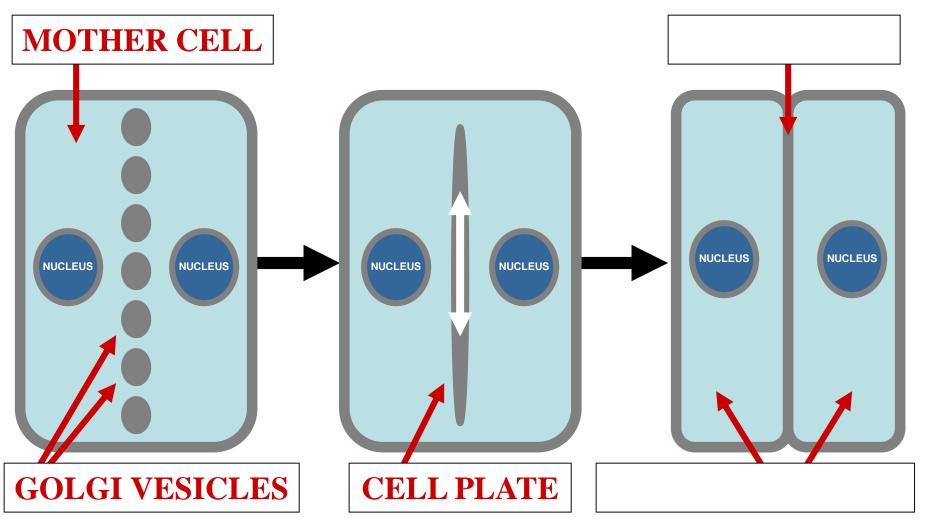




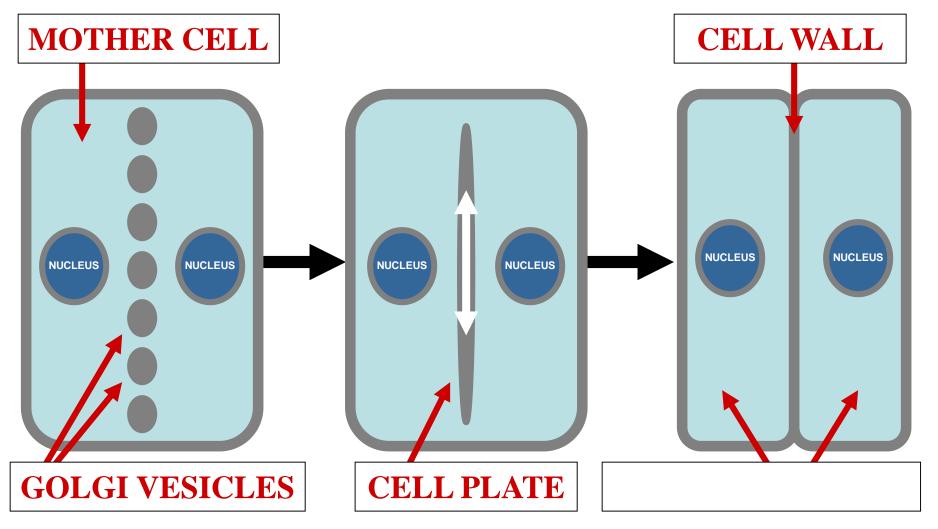


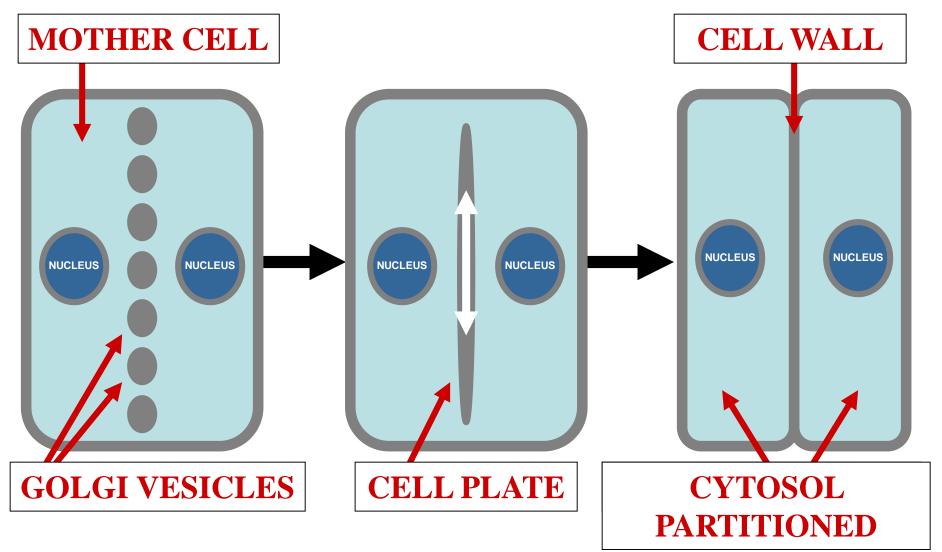


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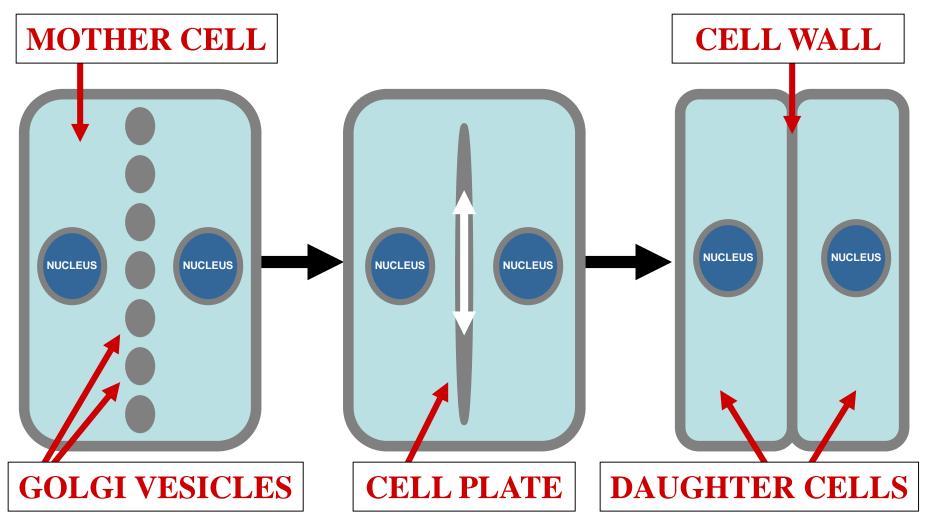


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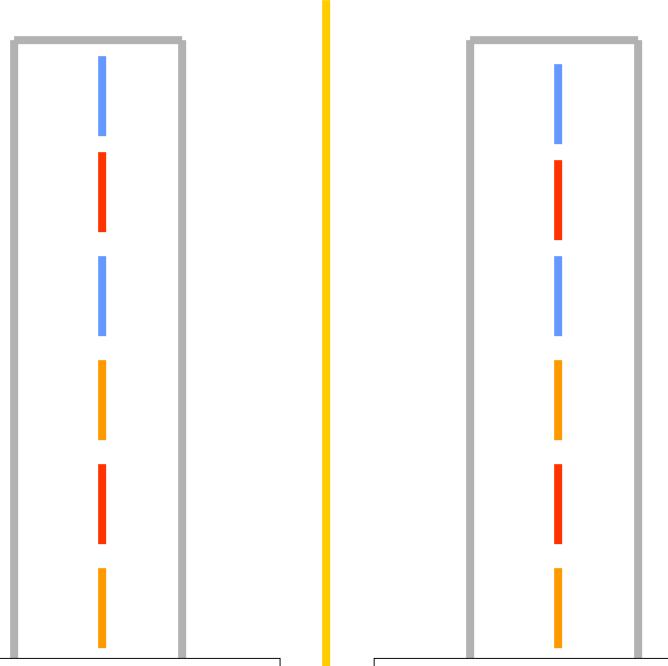


i







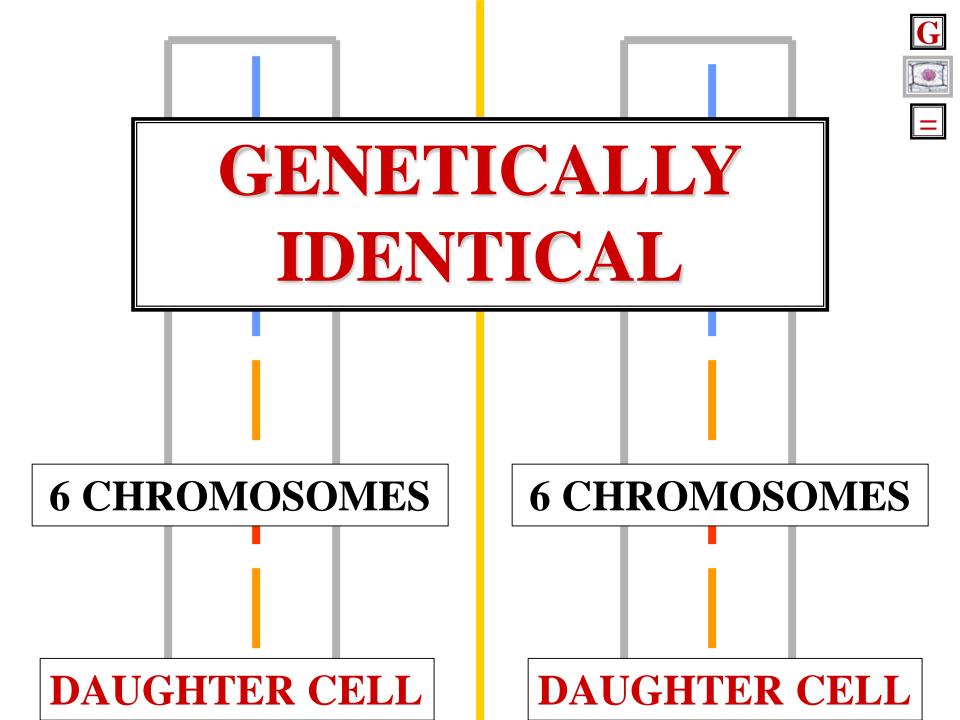


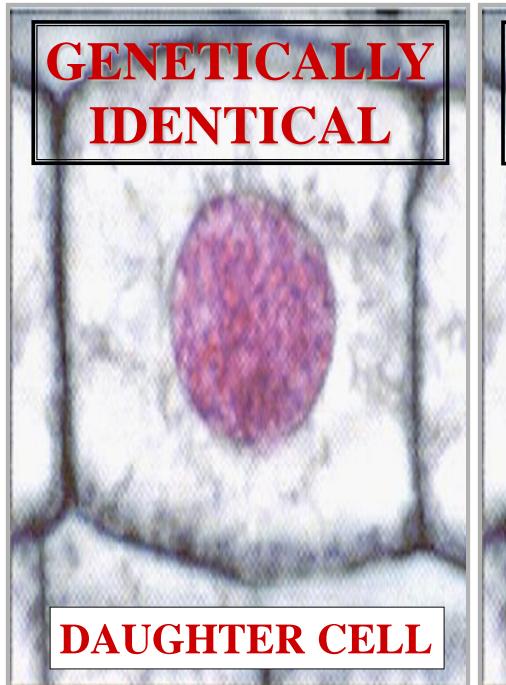




6 CHROMOSOMES 6 CHROMOSOMES DAUGHTER CELL

DAUGHTER CELL





GENETICALLY IDENTICAL

DAUGHTER CELL

 \mathbf{F}



FURROWING

CYTOSOL DIVISION ANIMAL CELLS

FURROWING



ANIMAL CYTOKINESIS





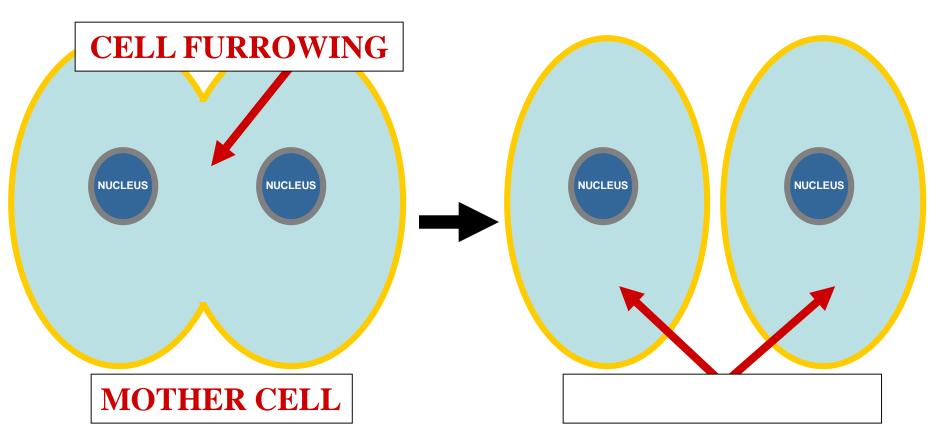


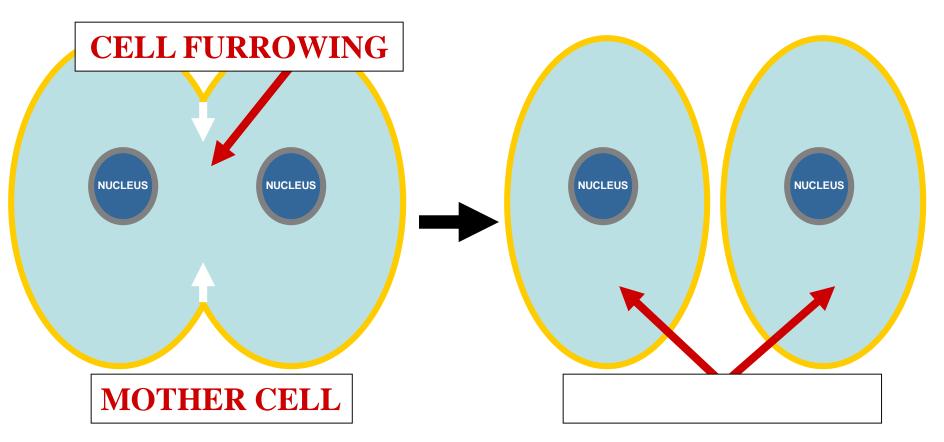
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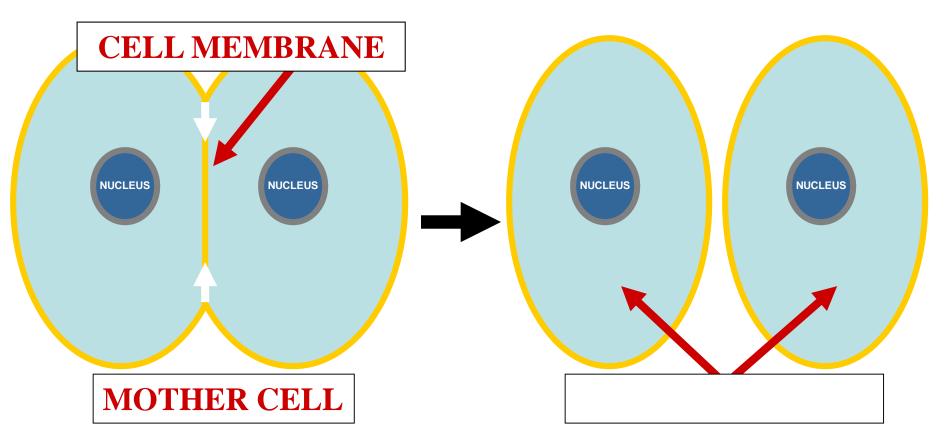
ANIMAL CELL

EQUATORIAL PLANE

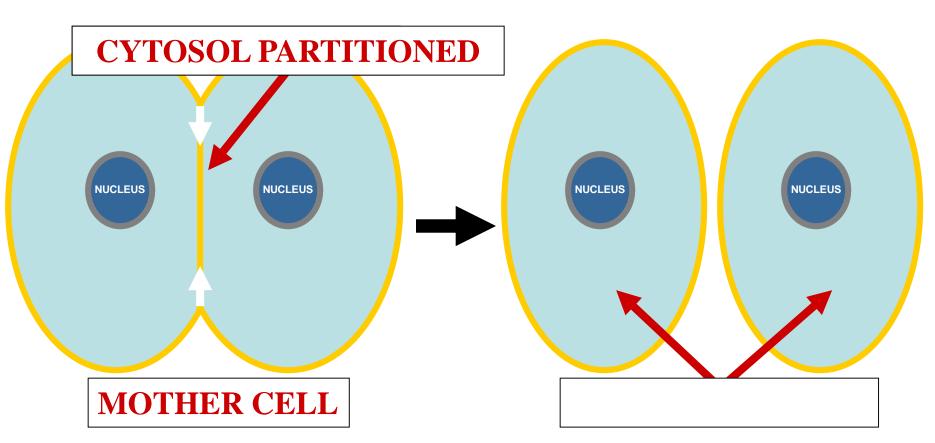
ANIMAL CELL



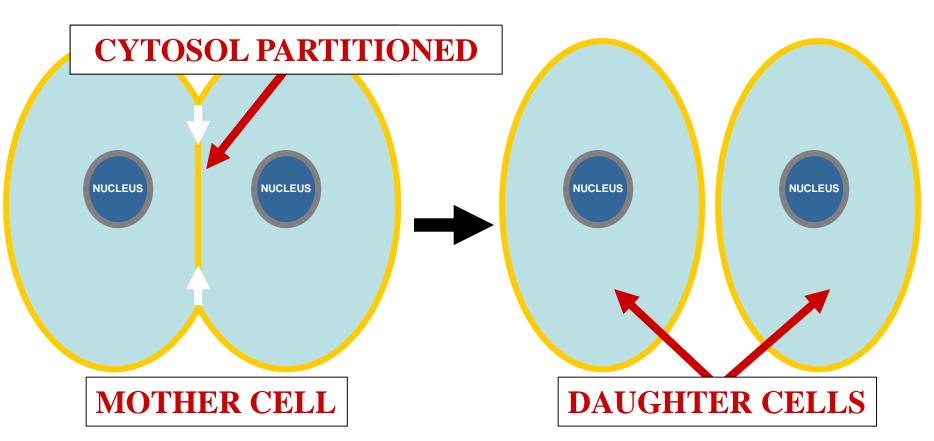






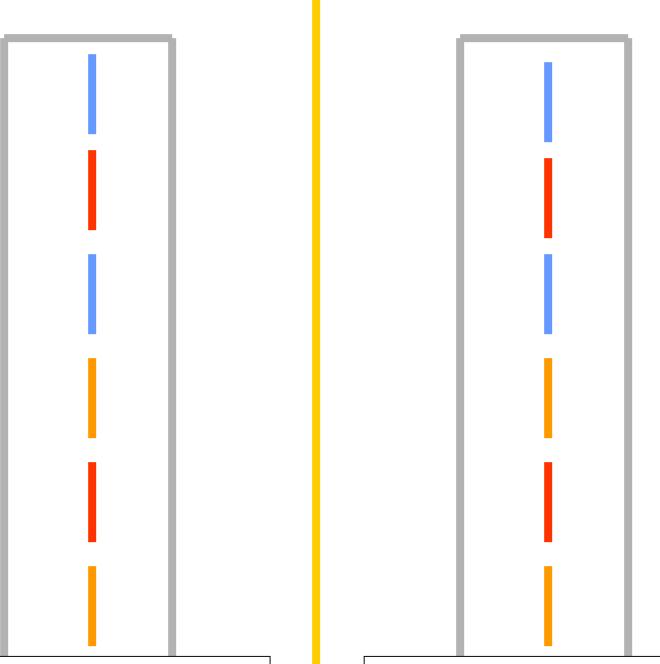


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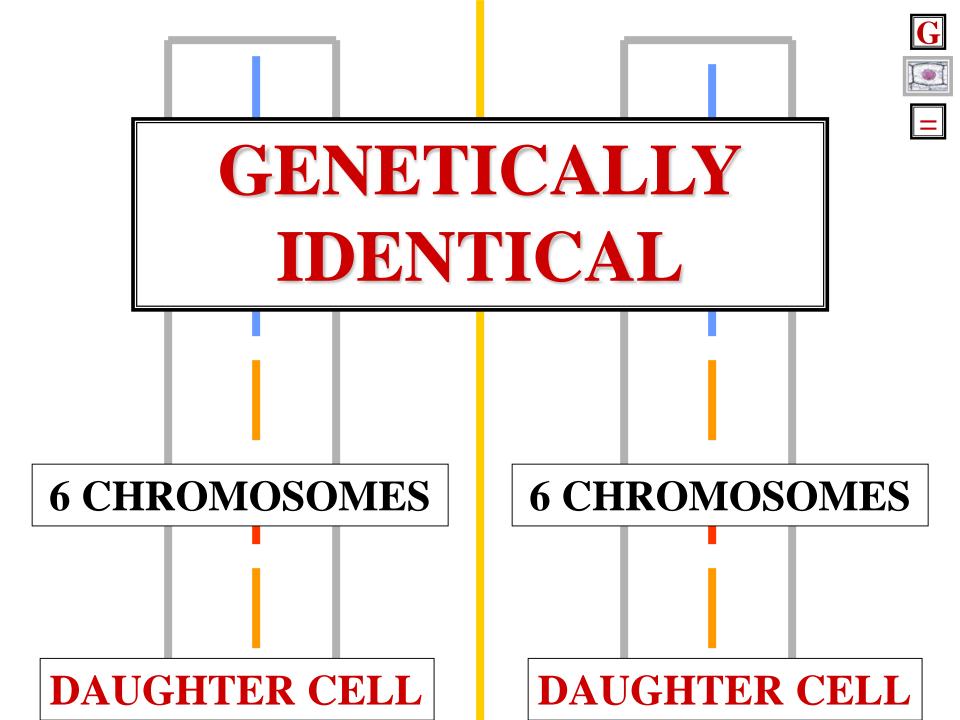


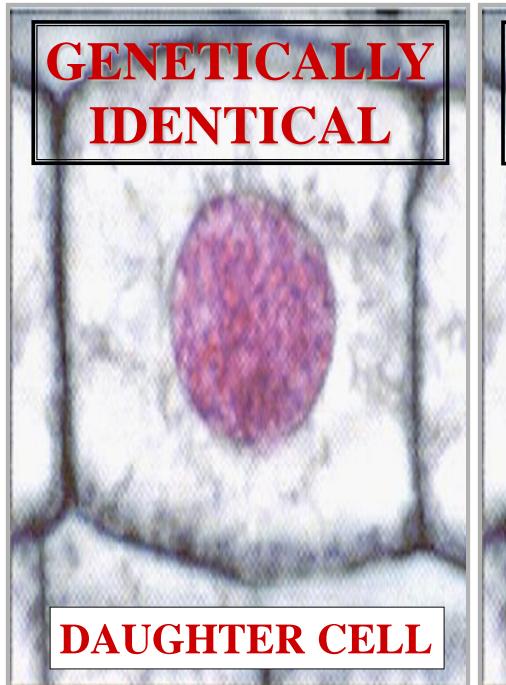
6 CHROMOSOMES

DAUGHTER CELL

6 CHROMOSOMES

DAUGHTER CELL





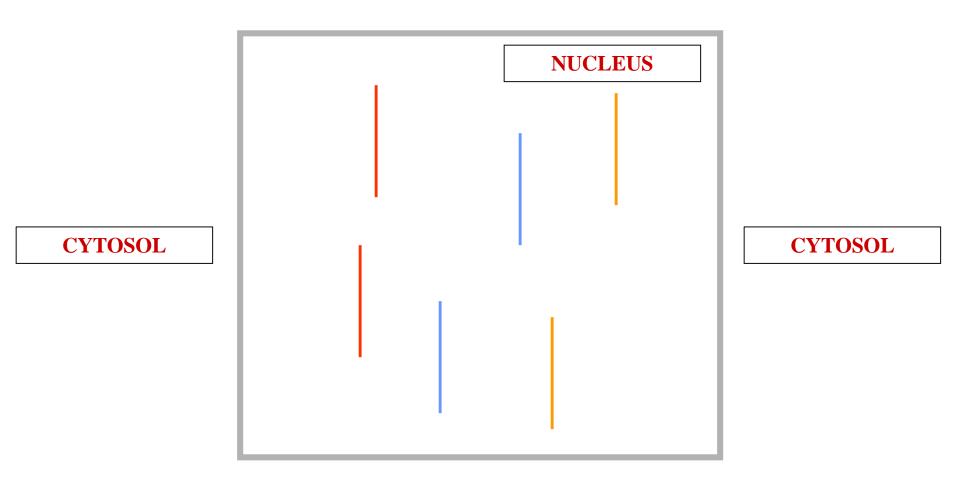
GENETICALLY IDENTICAL

DAUGHTER CELL



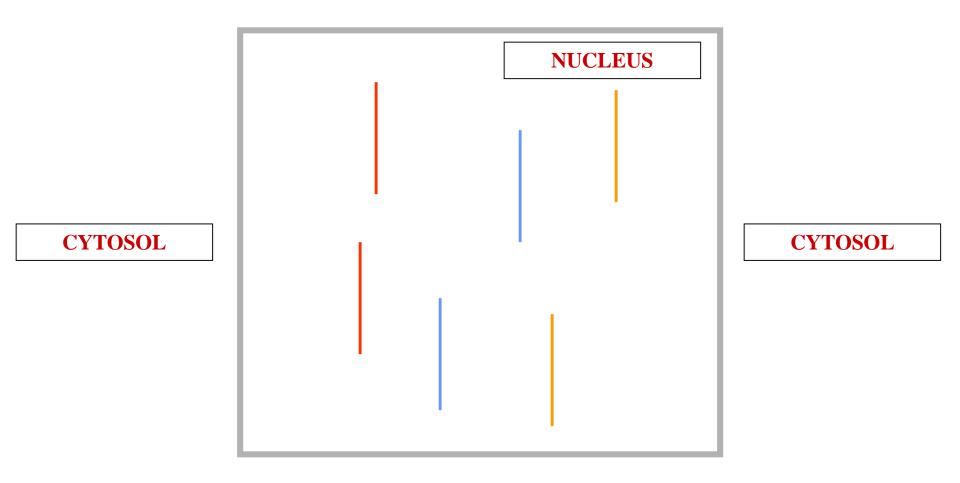
SOMATIC CELL CYCLE SUMMARY

SOMATIC MOTHER CELL

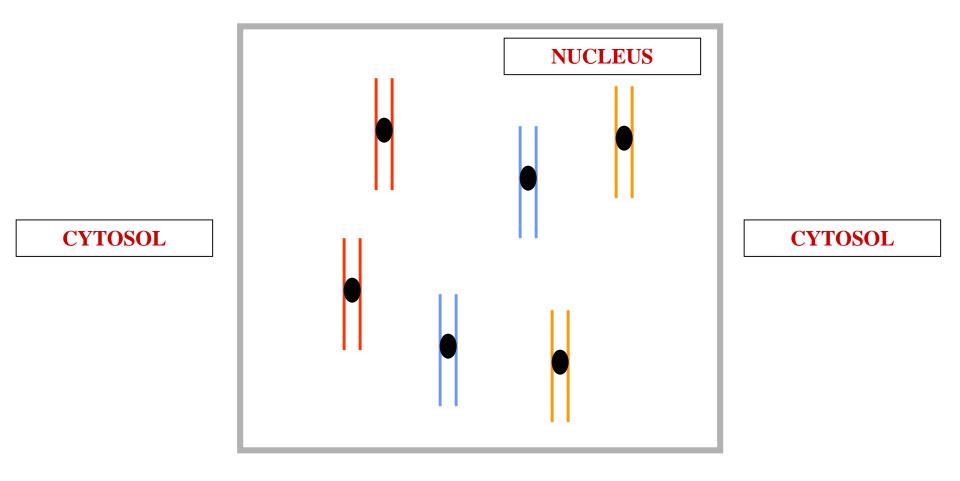


SOMATIC MOTHER CELL

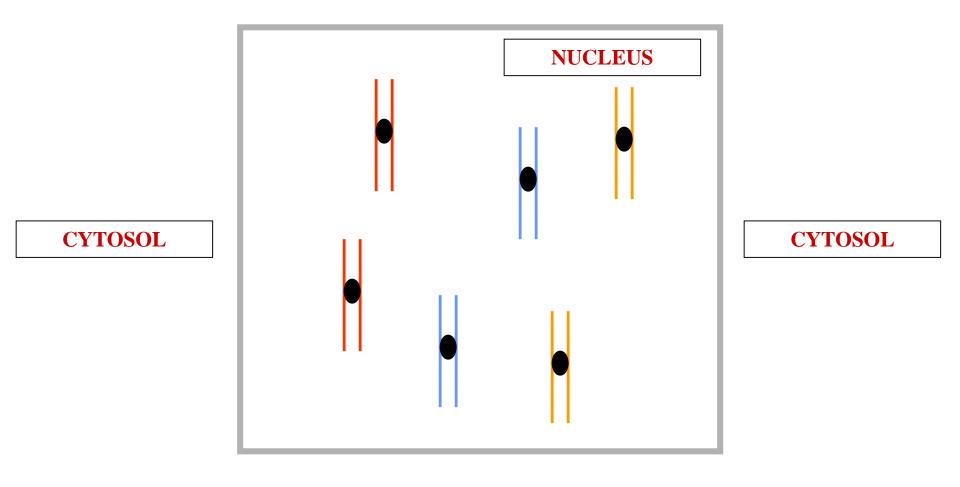




6 CHROMOSOMES

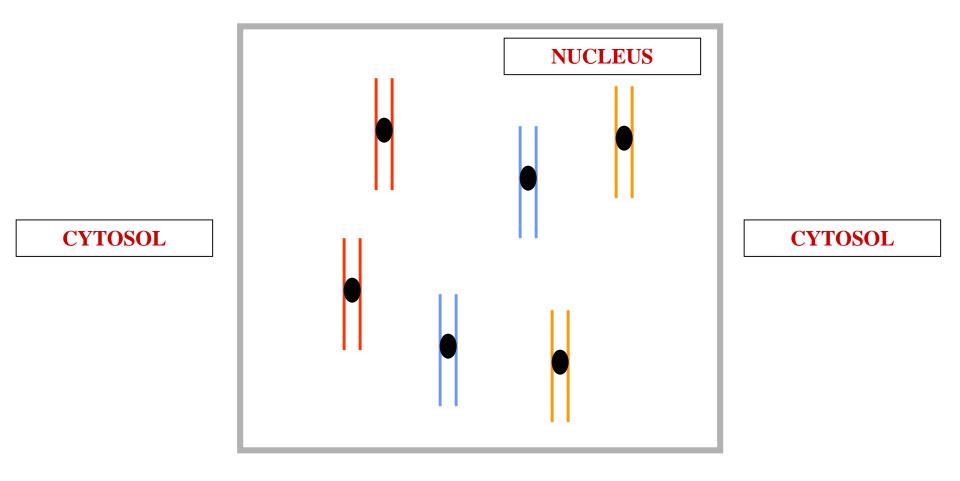


CHROMOSOMES REPLICATE

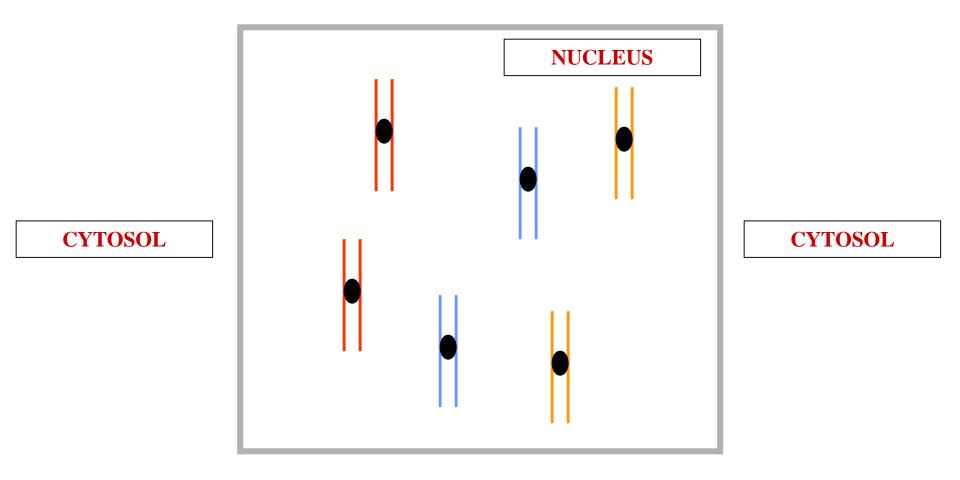


TWO CHROMATIDS





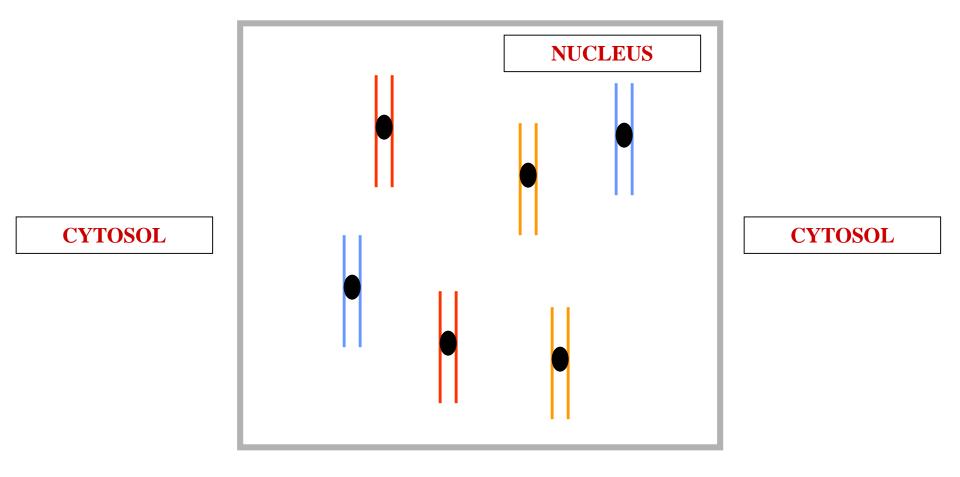
DNA CONTENT DOUBLED



6 CHROMOSOMES



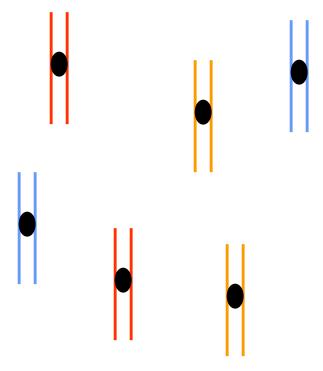
KARYOKINESIS MITOSIS



NUCLEAR MEMBRANE

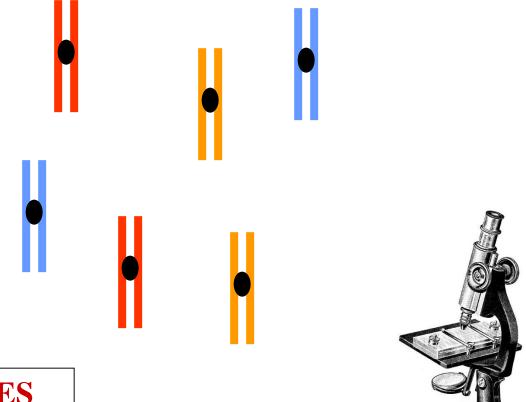






NUCLEAR MEMBRANE DISSIPATES

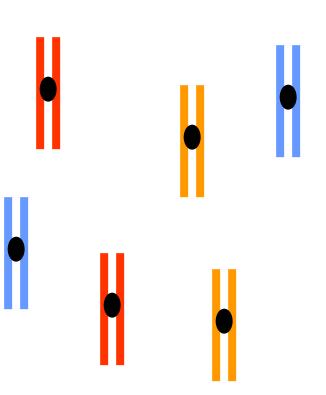




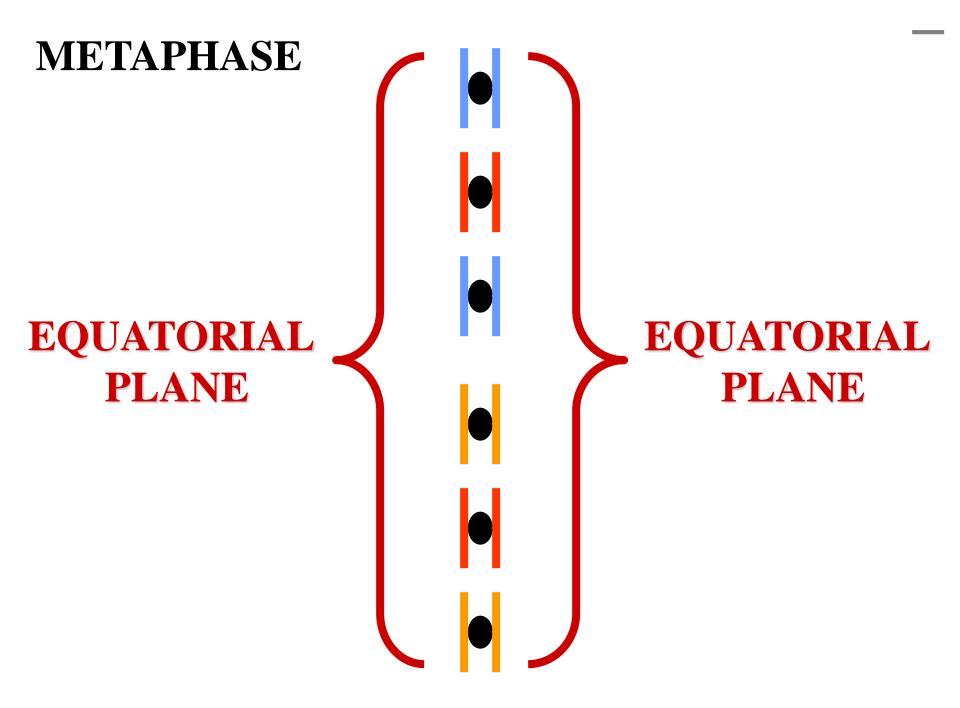
CHROMOSOMES CONDENSE

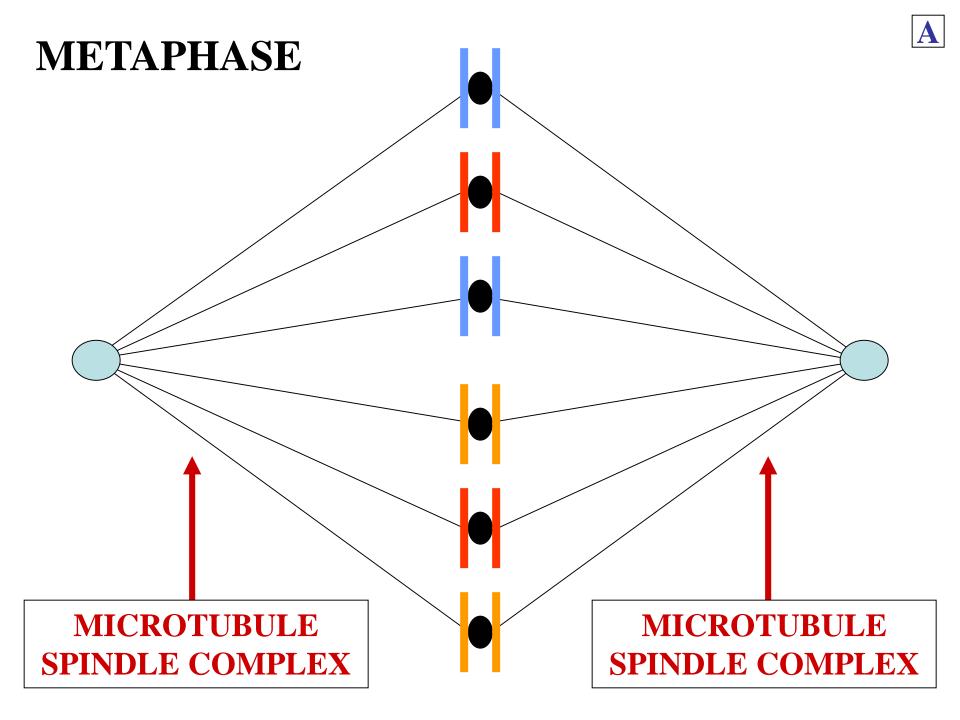


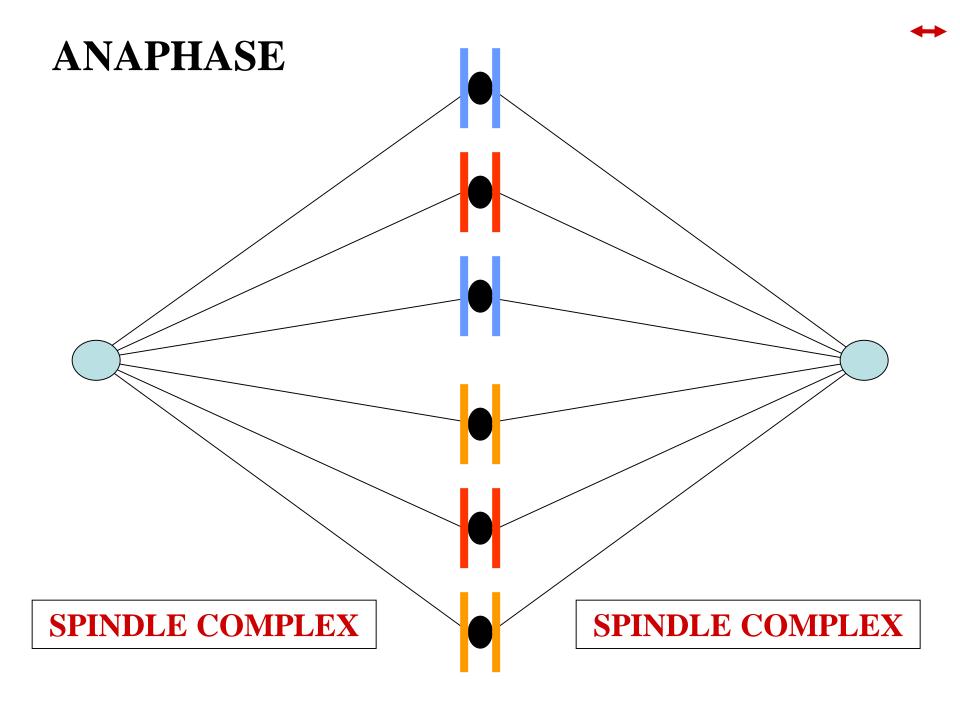
METAPHASE

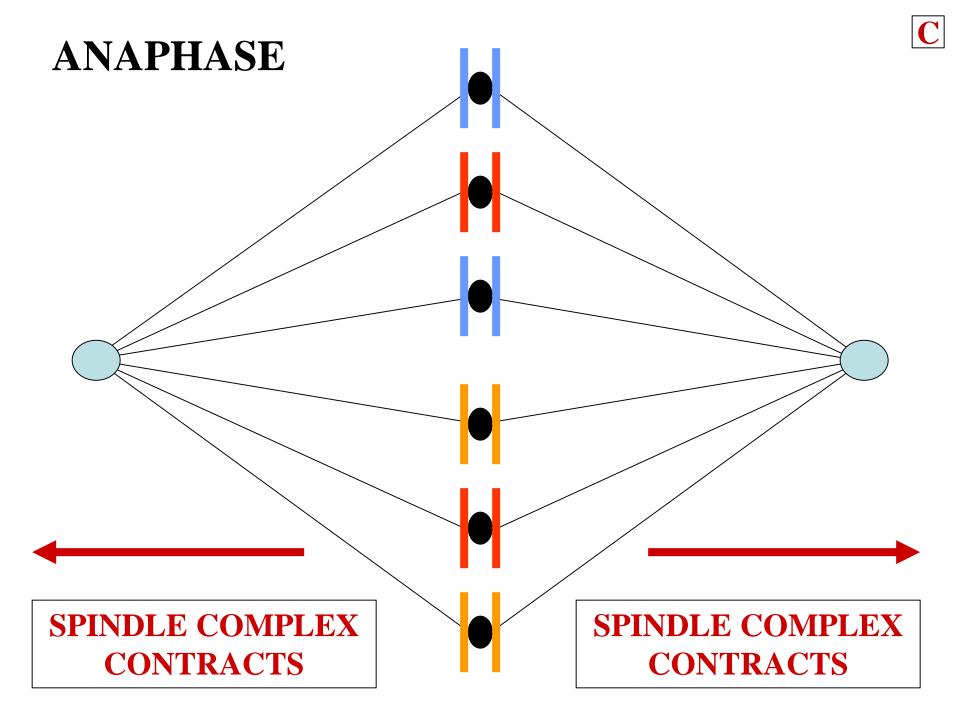




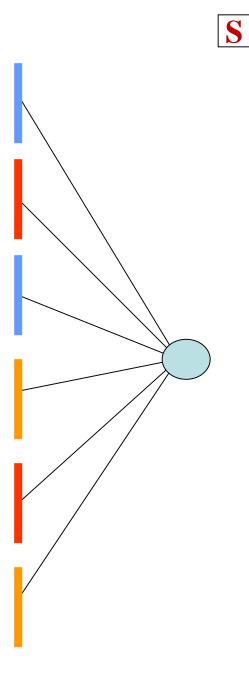






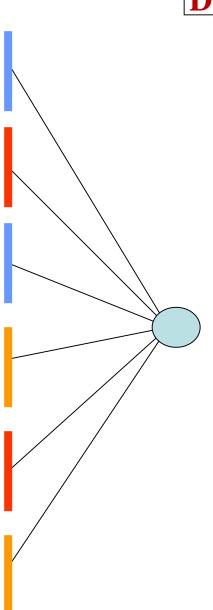






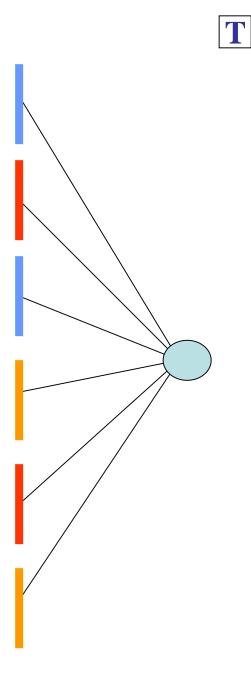


CHROMOSOME CHROMATIDS SEPARATE



ANAPHASE **DAUGHTER CHROMOSOMES**

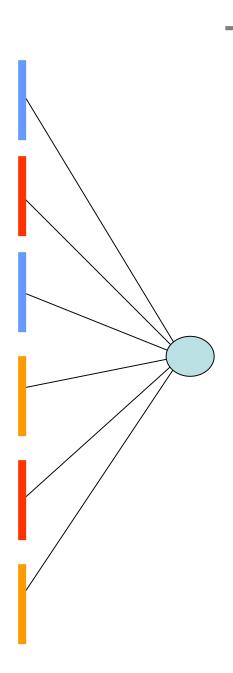
DAUGHTER CHROMOSOMES OPPOSITE POLES





TELOPHASE

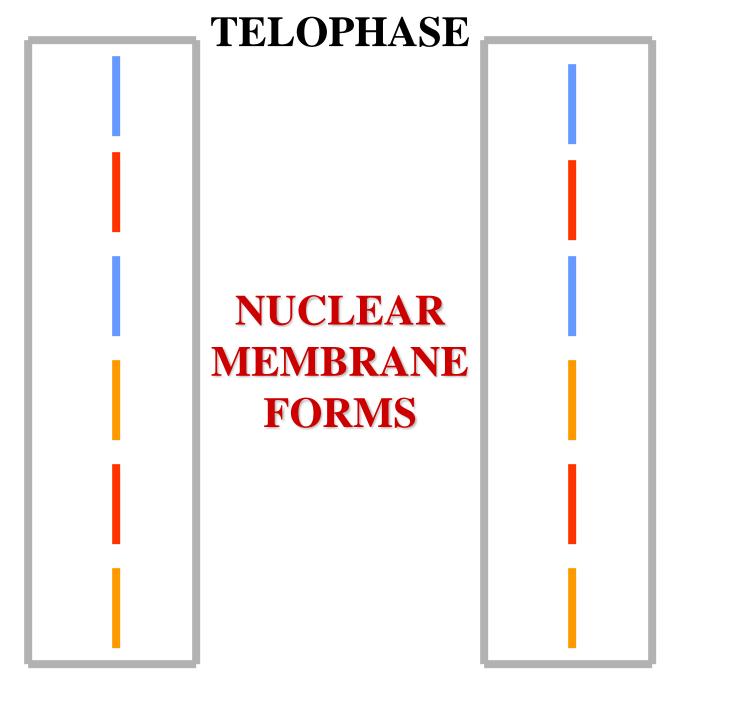
DAUGHTER CHROMOSOMES OPPOSITE POLES

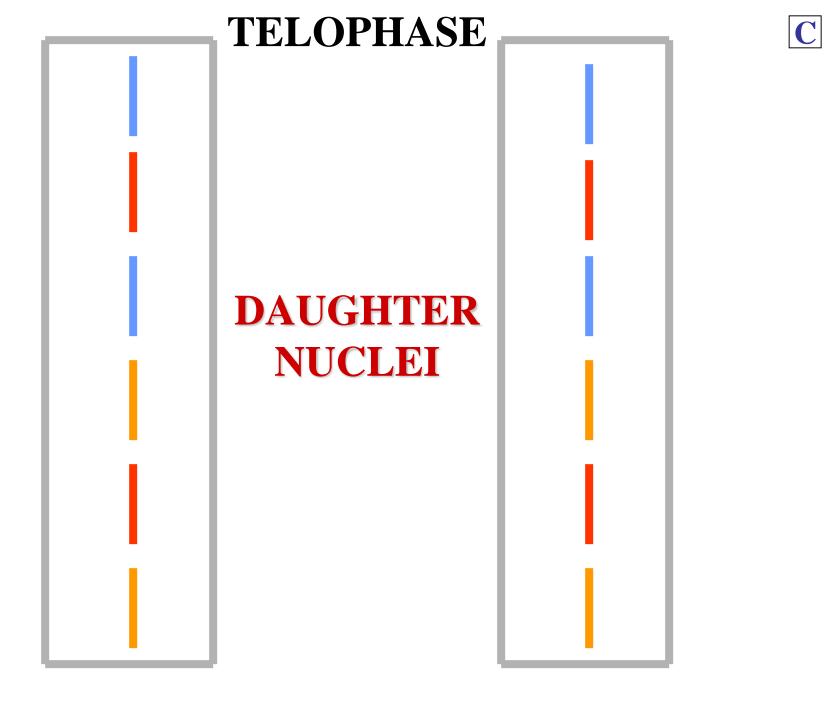


TELOPHASE



SPINDLE COMPLEX DISSIPATES







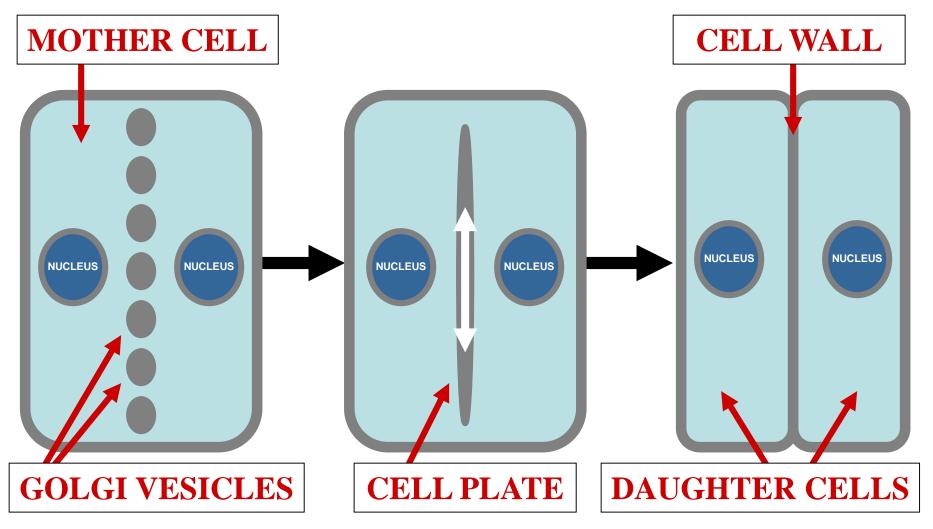
CYTOKINESIS



PLANT CYTOKINESIS



CYTOKINESIS CELL PLATE



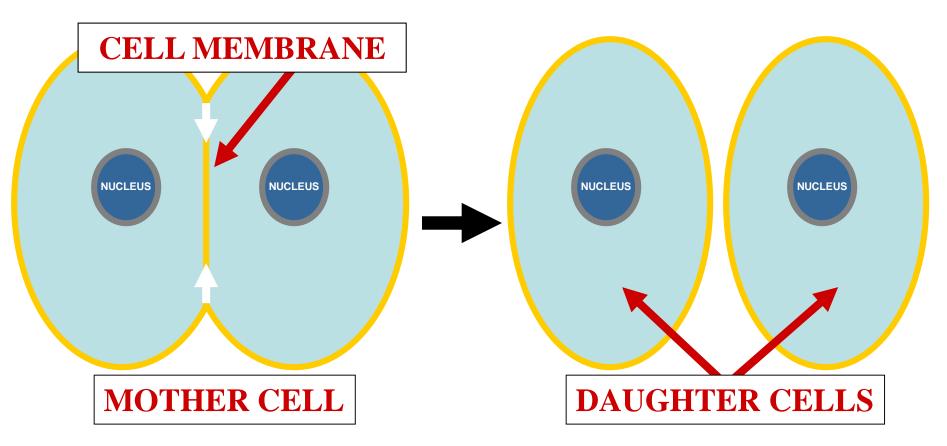


ANIMAL CYTOKINESIS





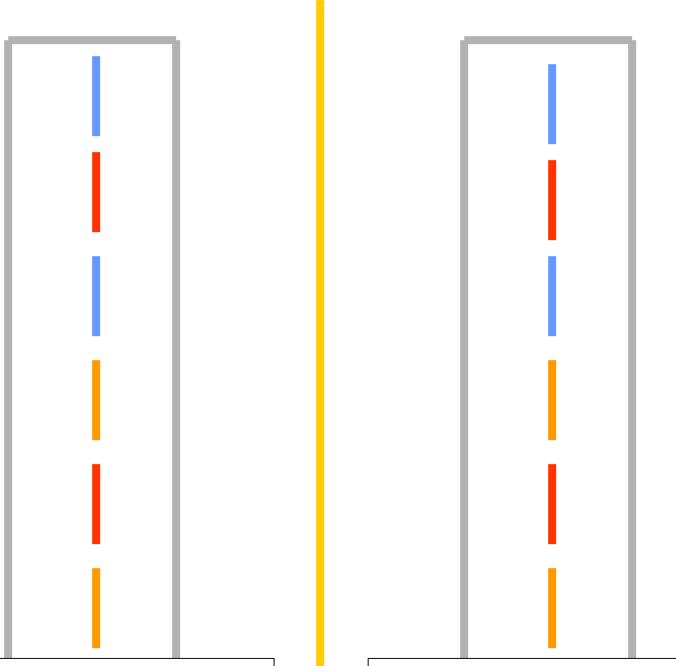
CYTOKINESIS FURROWING



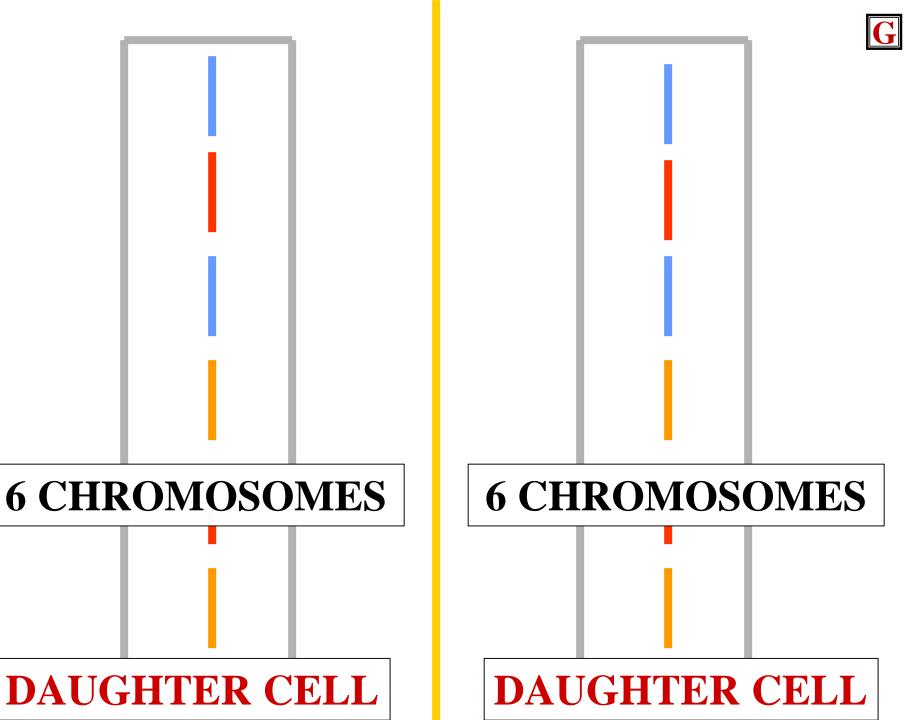
CYTOKINESIS FURROWING

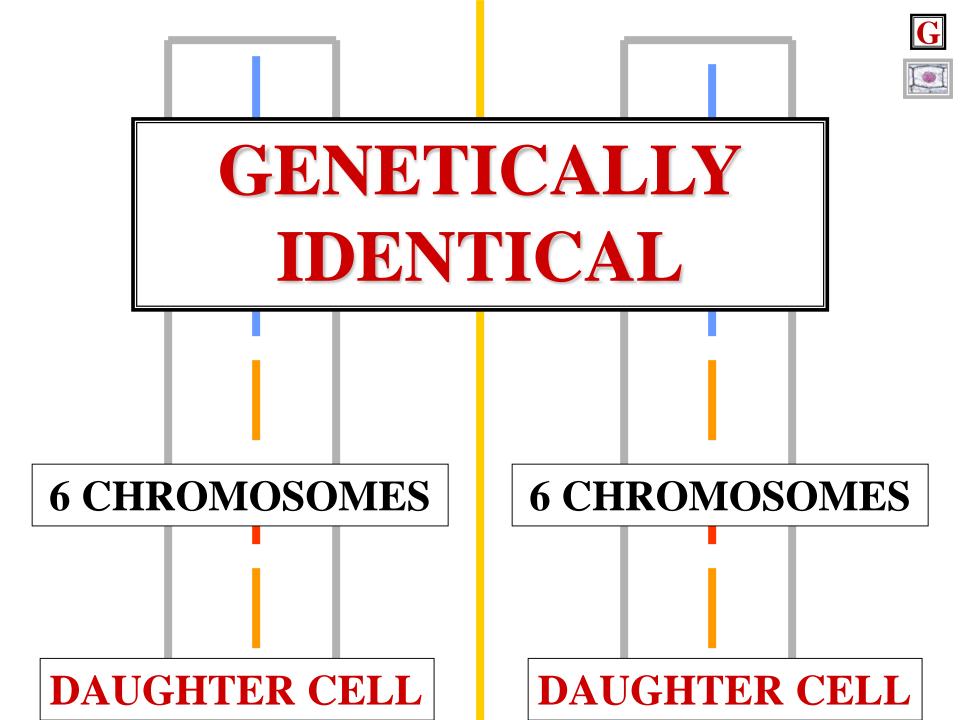


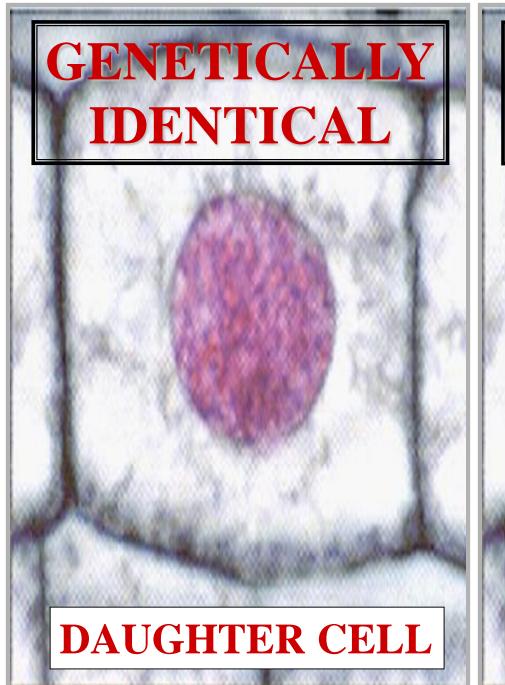












GENETICALLY IDENTICAL

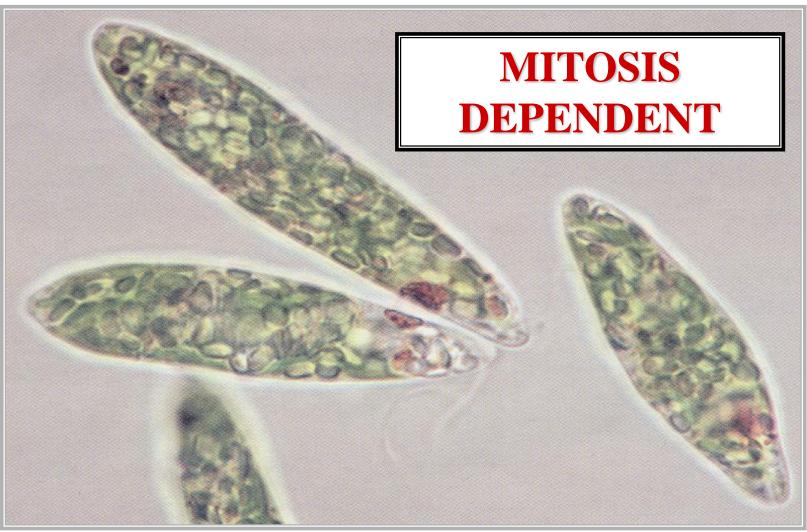
DAUGHTER CELL

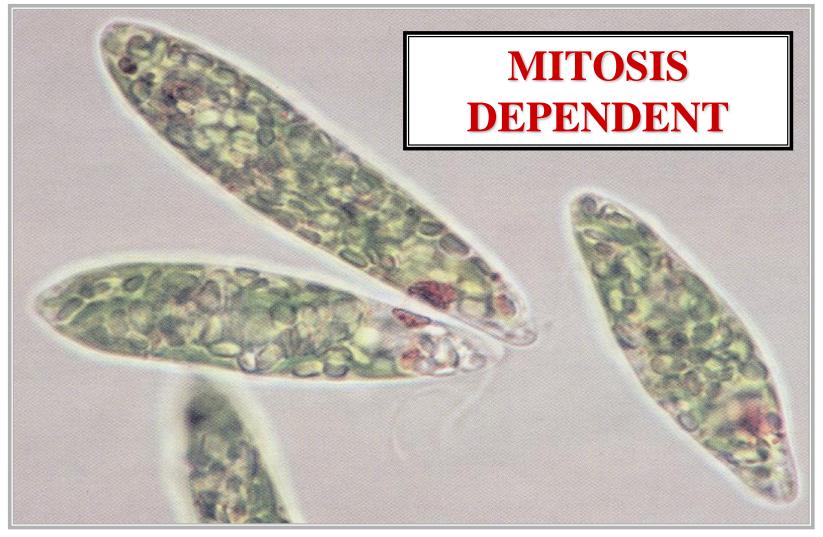
CHAPTER 13 MEIOSIS **X SEXUAL LIFE CYCLES**

ASEXUAL REPRODUCTION VS SEXUAL REPRODUCTION



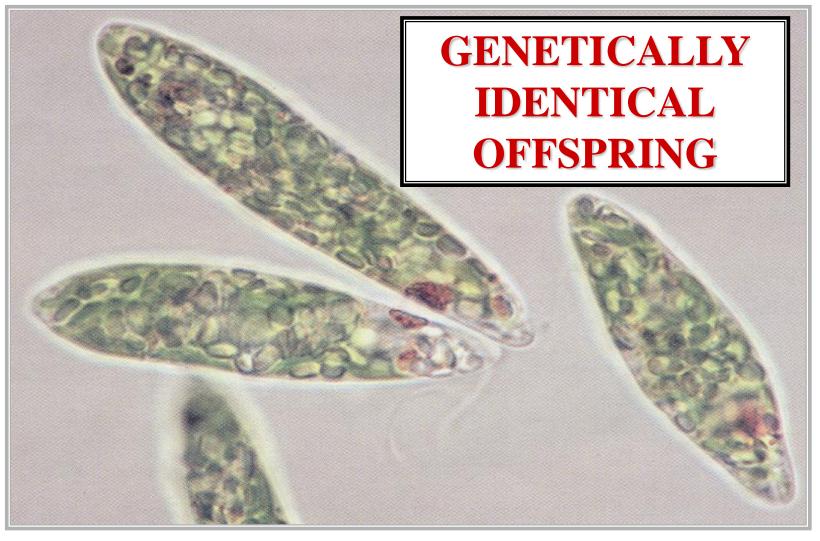




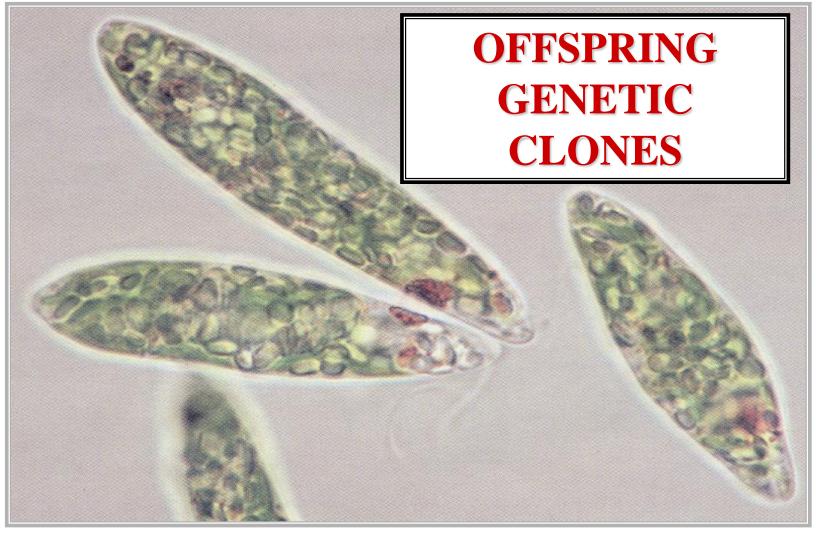




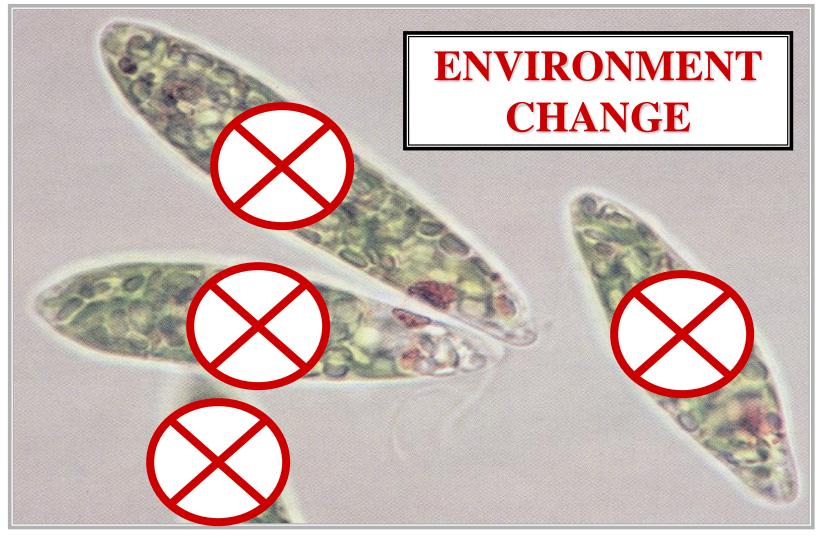








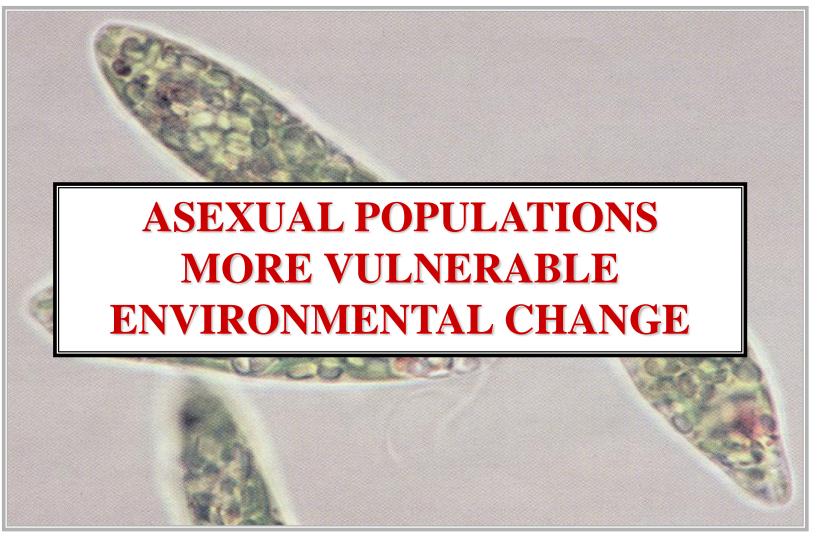


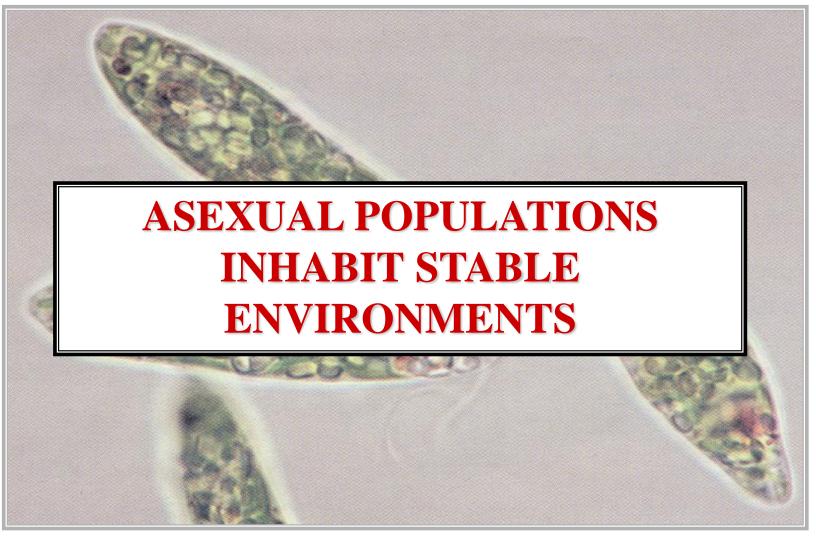


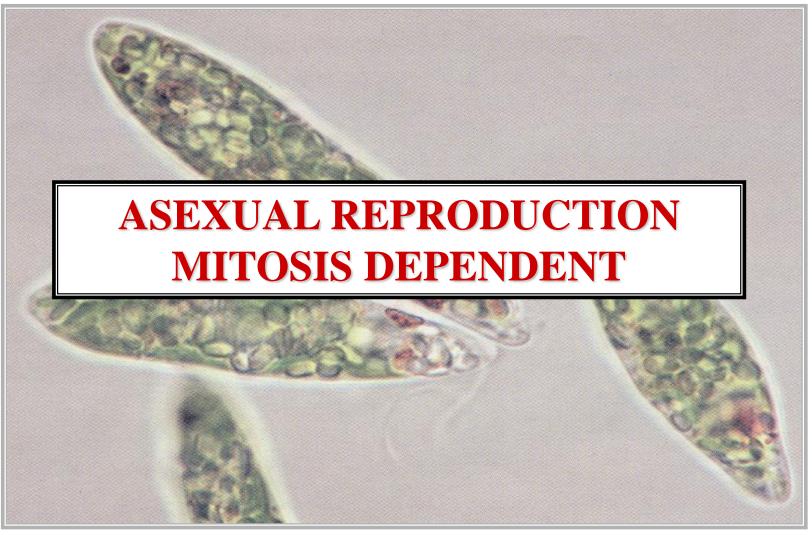




S













MEIOSIS DEPENDENT







MEIOSIS DEPENDENT







GENETICALLY VARIABLE OFFSPRING







OFFSPRING NON-GENETIC CLONES







ENVIRONMENT CHANGE







SEXUAL POPULATIONS LESS VULNERABLE ENVIRONMENTAL CHANGE







SEXUAL POPULATIONS INHABIT LESS STABLE ENVIRONMENTS







SEXUAL REPRODUCTION MEIOSIS DEPENDENT







MEIOSIS ENSURES GENETIC DIVERSITY





GERM CELL UNDERGOES MEIOSIS





GERM CELL

GERM CELL

GERM CELL

?

UNDERGOES MITOSIS & MEIOSIS

GERM CELL