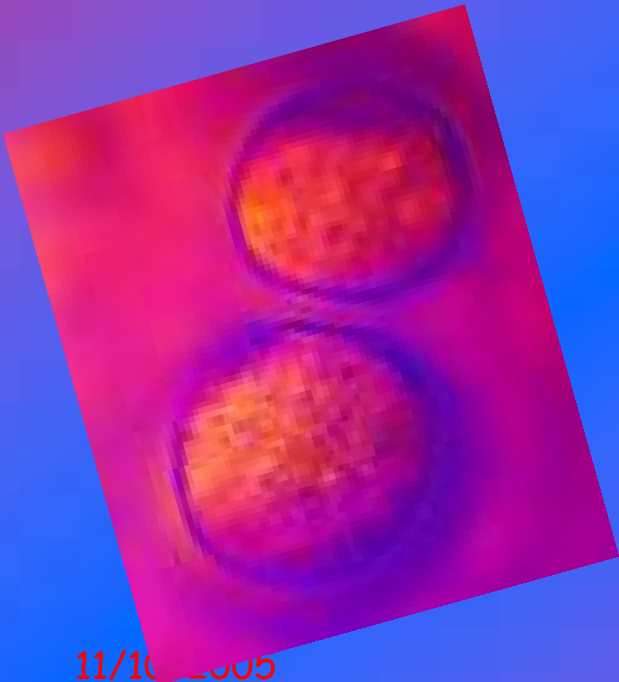


The Cell Cycle

Mitosis

Meiosis



11/10/2005

Mitosis

Overview of Cell Division

Chromosome Replication

Interphase

Five Stages of Mitosis

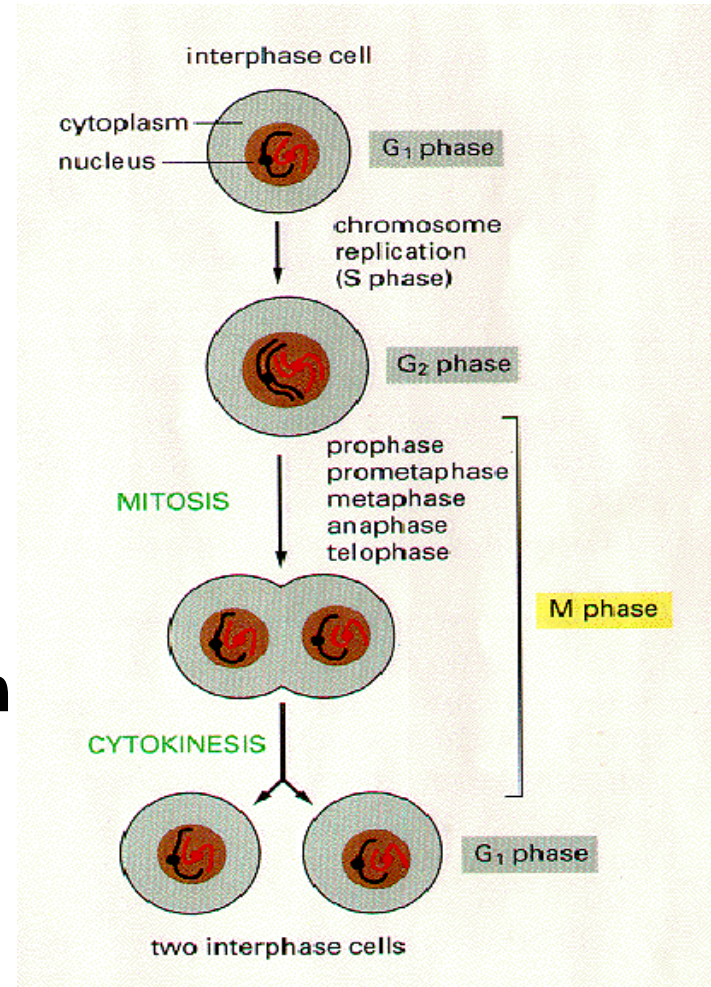
1. Prophase
2. Prometaphase
3. Metaphase
4. Anaphase
5. Telophase

Cytokinesis and Binary Fission

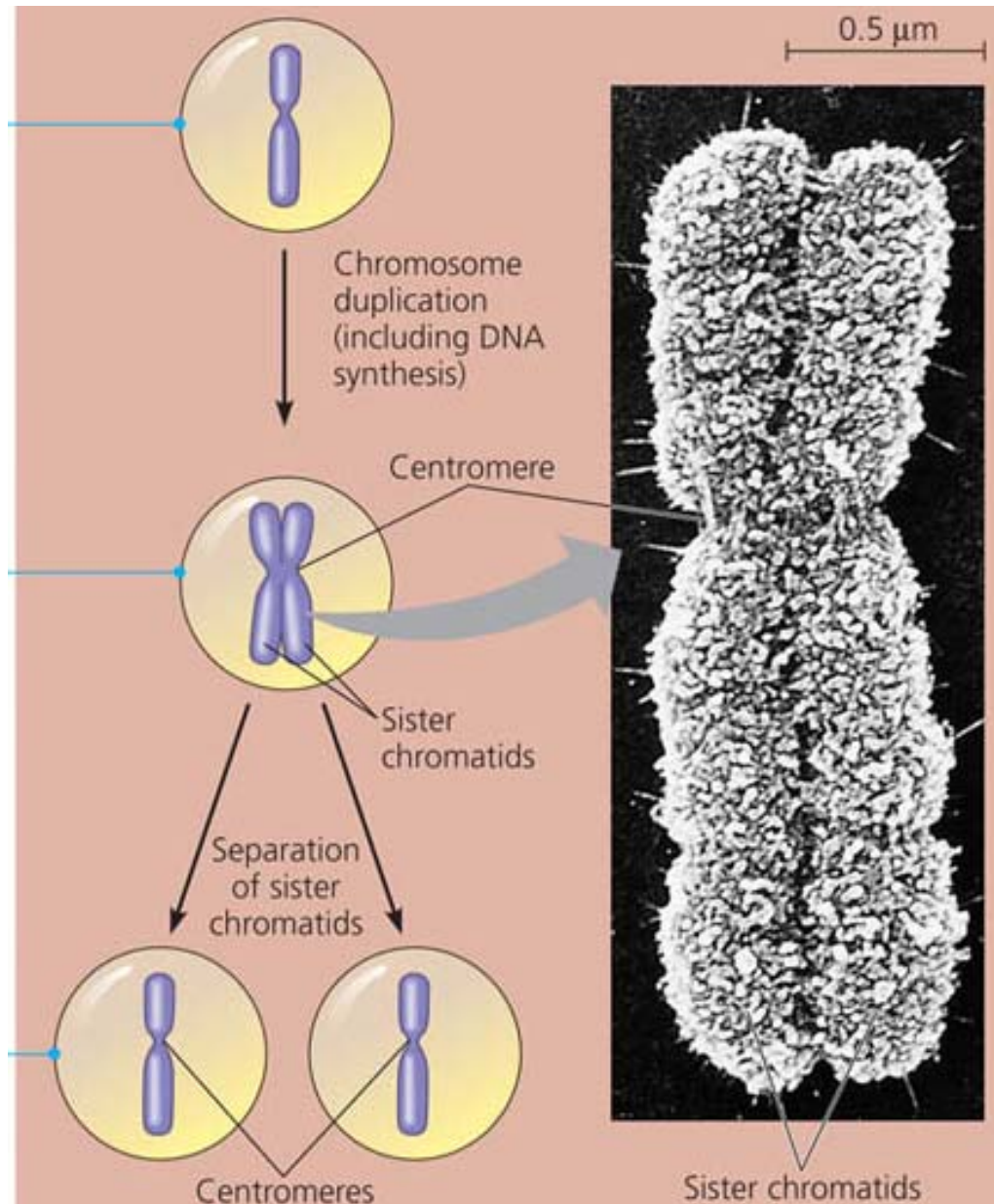
1. Plant Cell
2. Animal Cell
3. Prokaryotes

Cell Cycle Control System

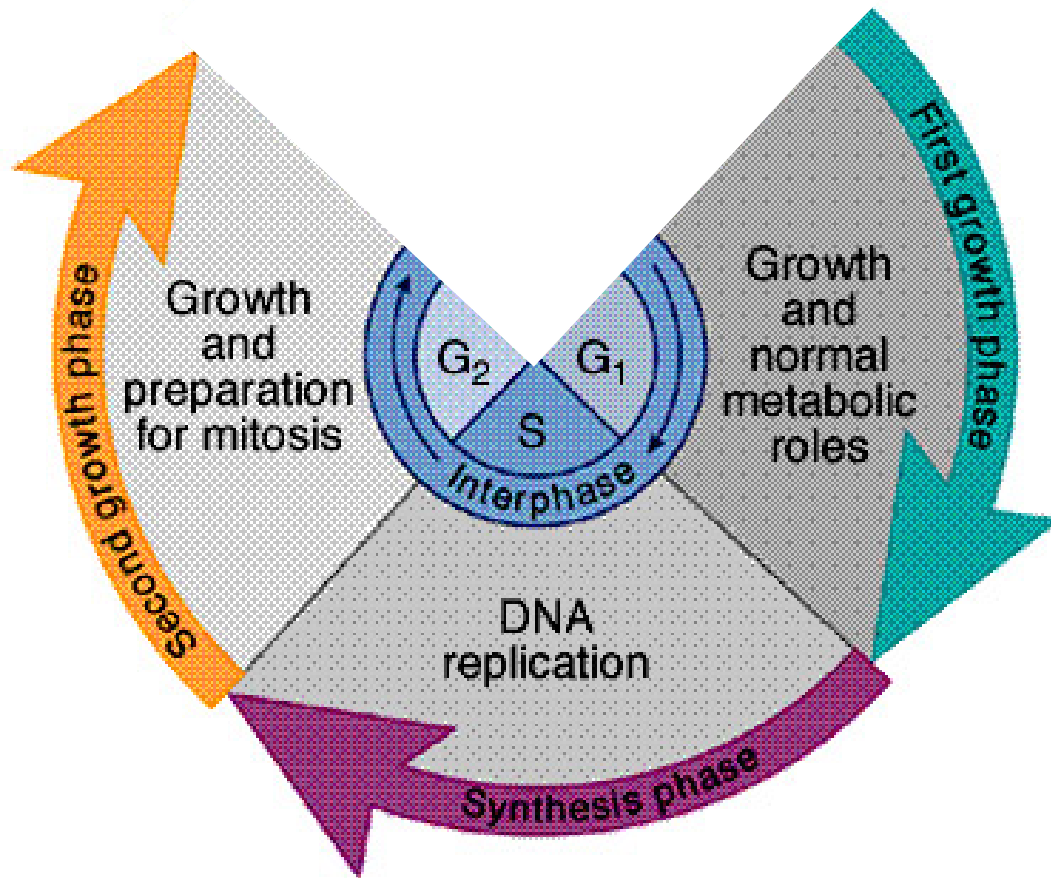
1. Normal Cells
2. Cancer cells



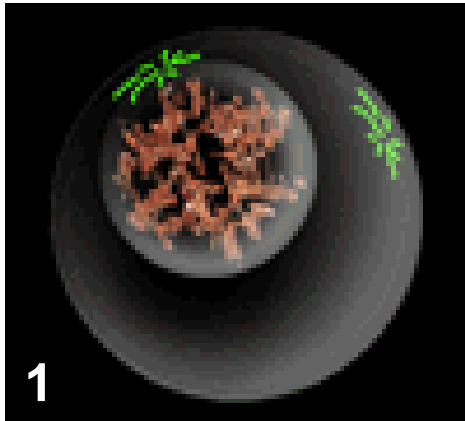
Chromosome Structure



Cell Cycle

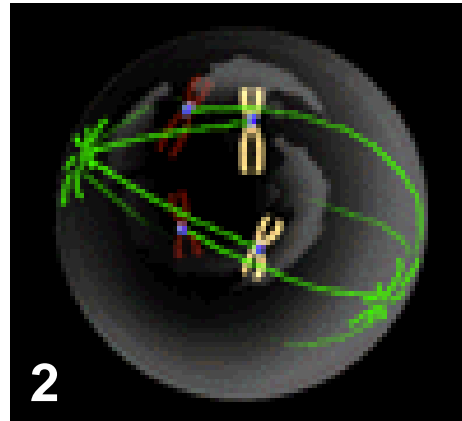


Five Stages of Mitosis



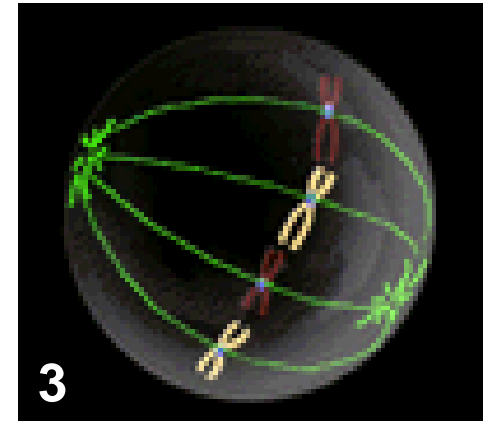
1

Prophase



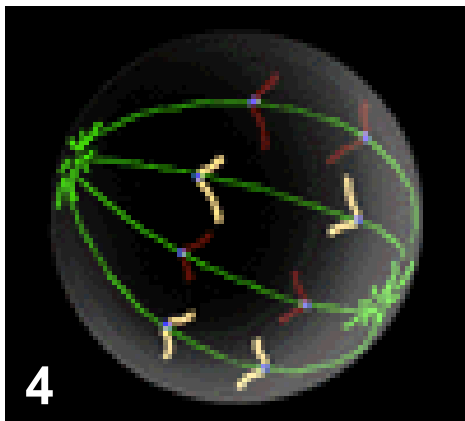
2

Prometaphase



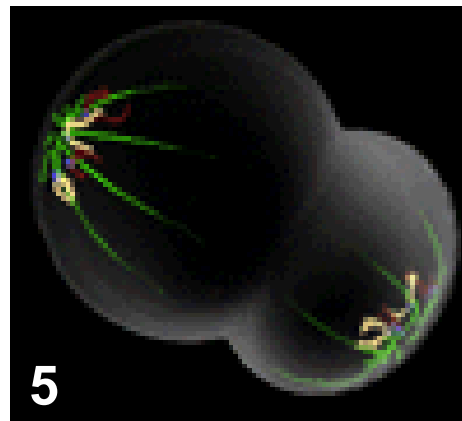
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Metaphase



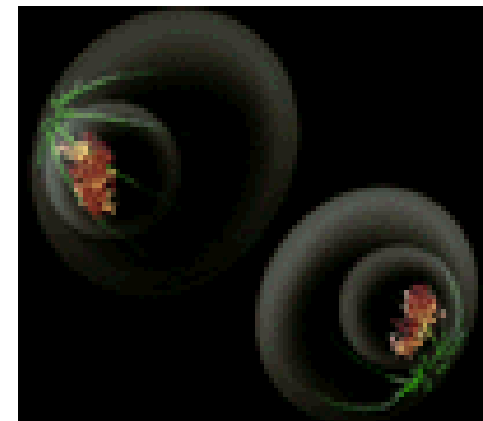
4

Anaphase



5

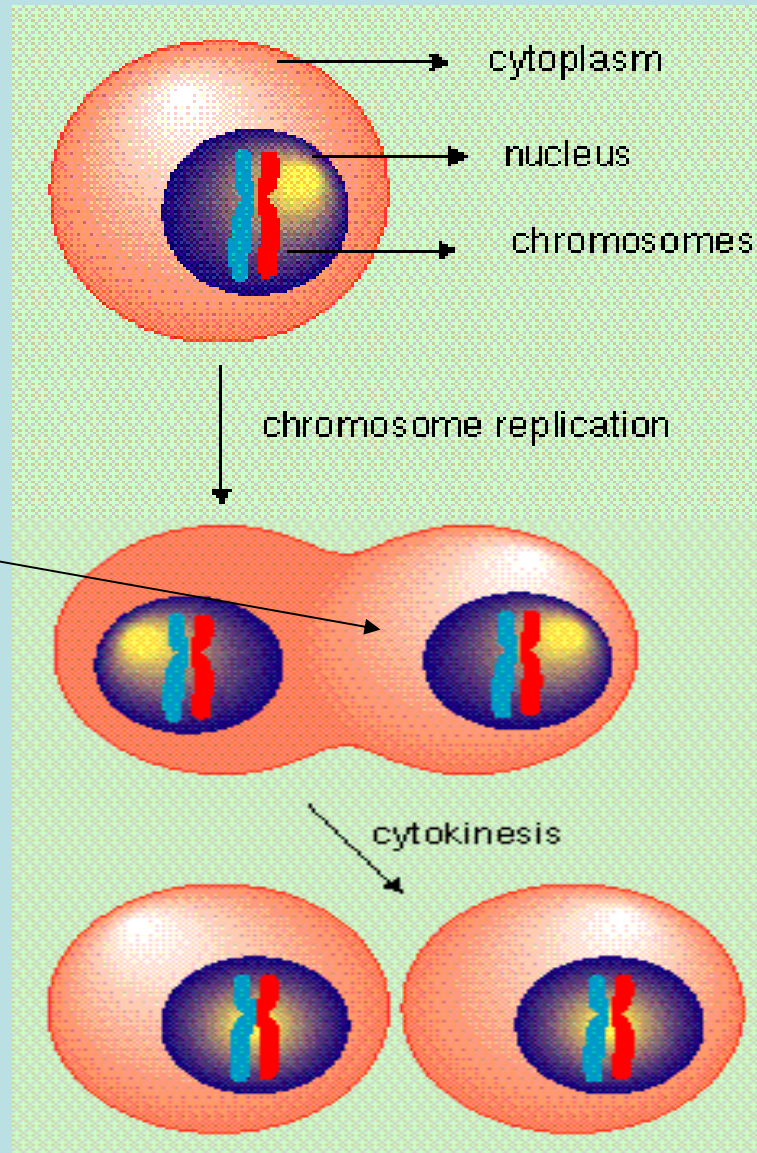
Telophase



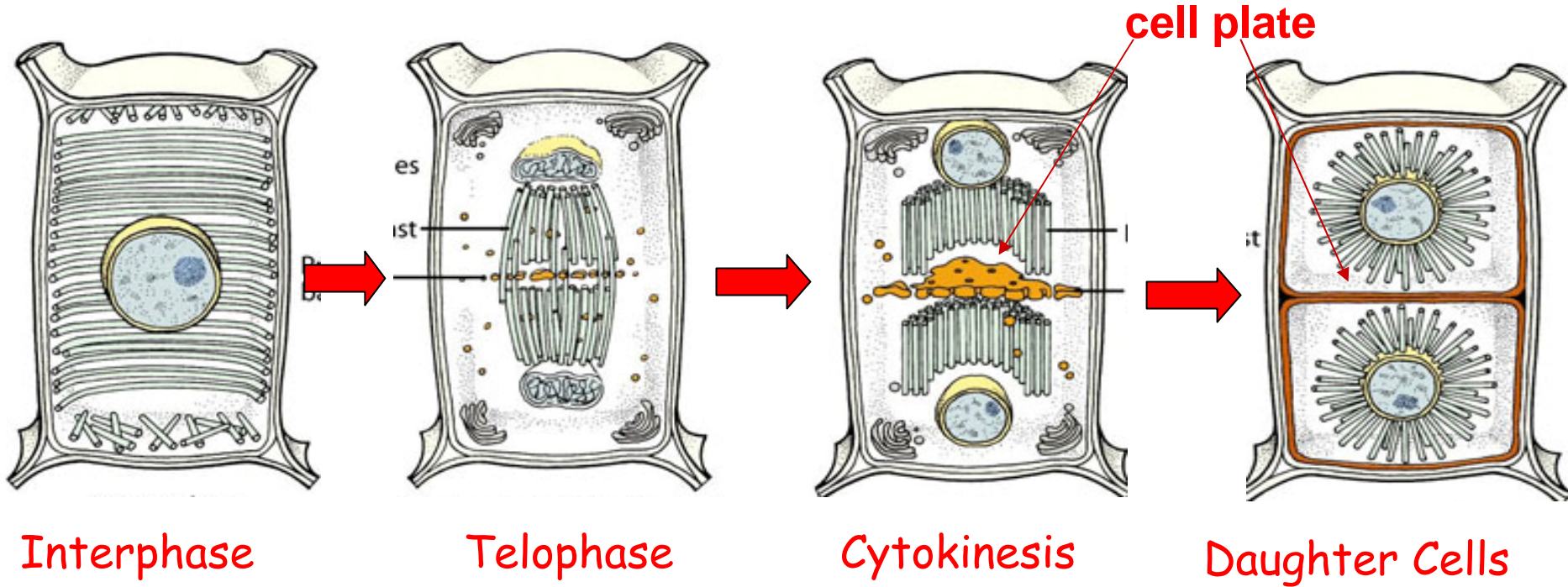
Cytokinesis

Cytokinesis in Animal Cells

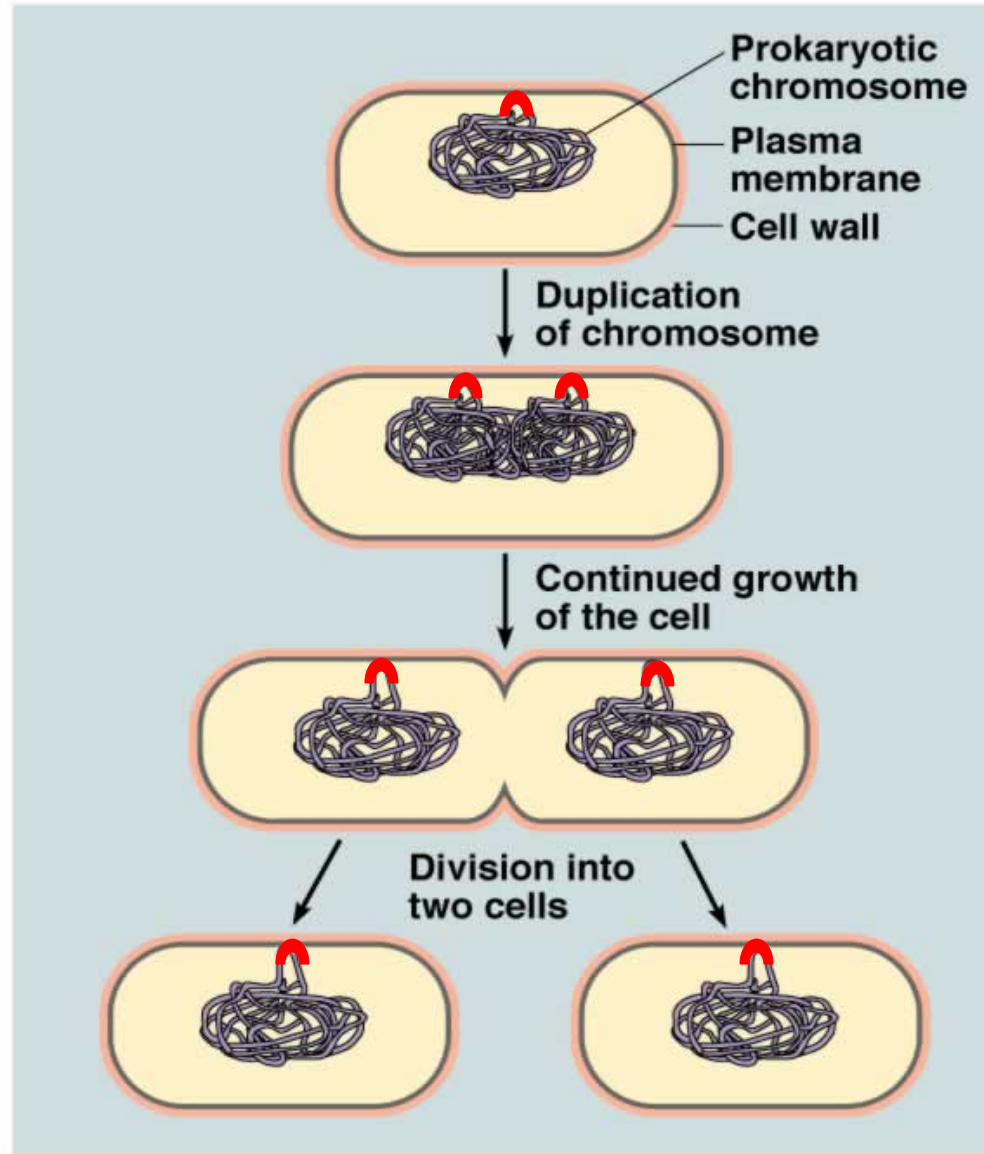
**Cleavage
Furrow**



Cytokinesis in Plant Cells

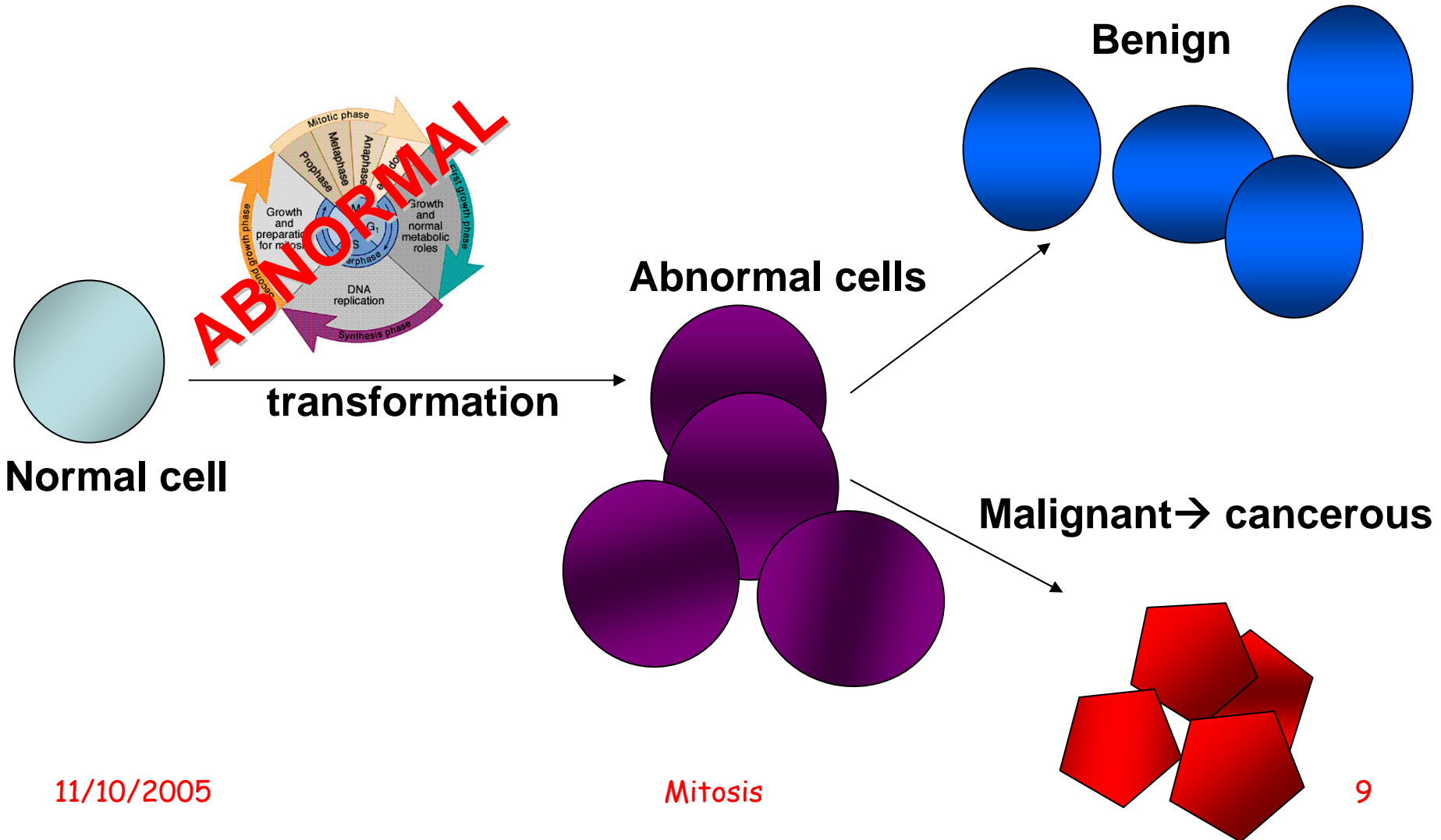


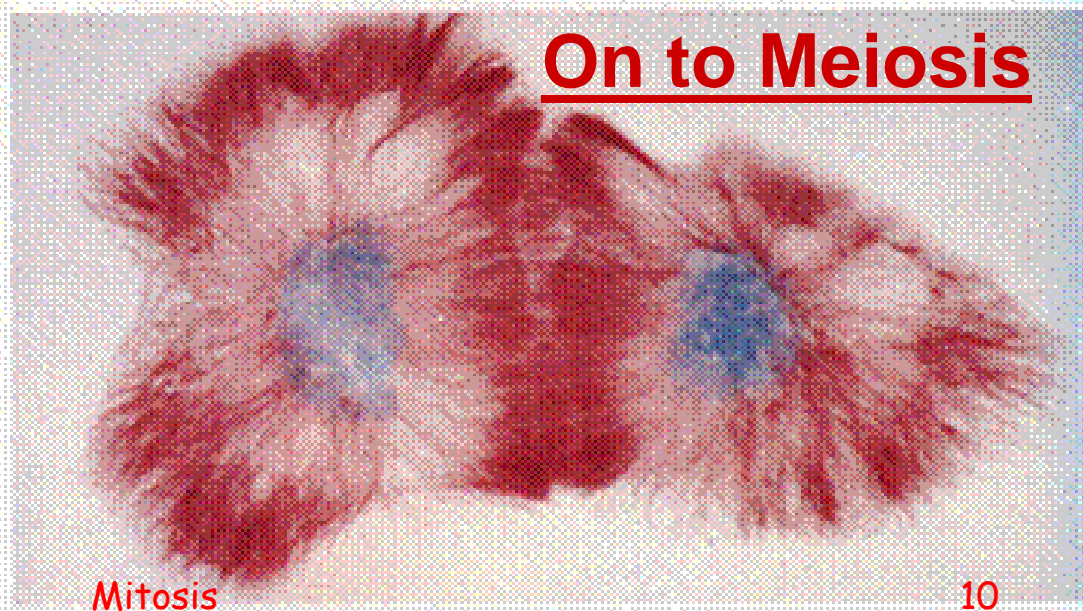
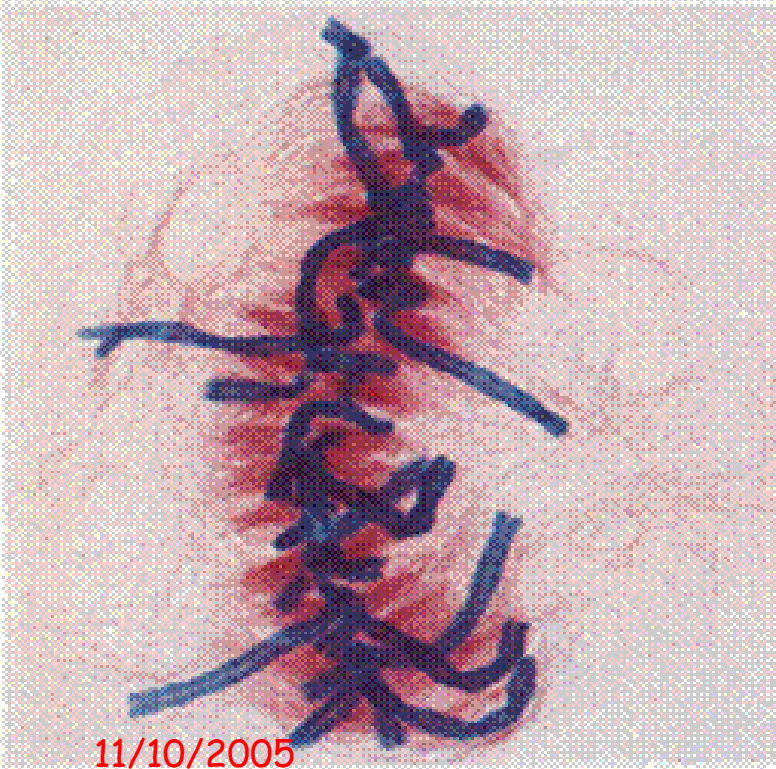
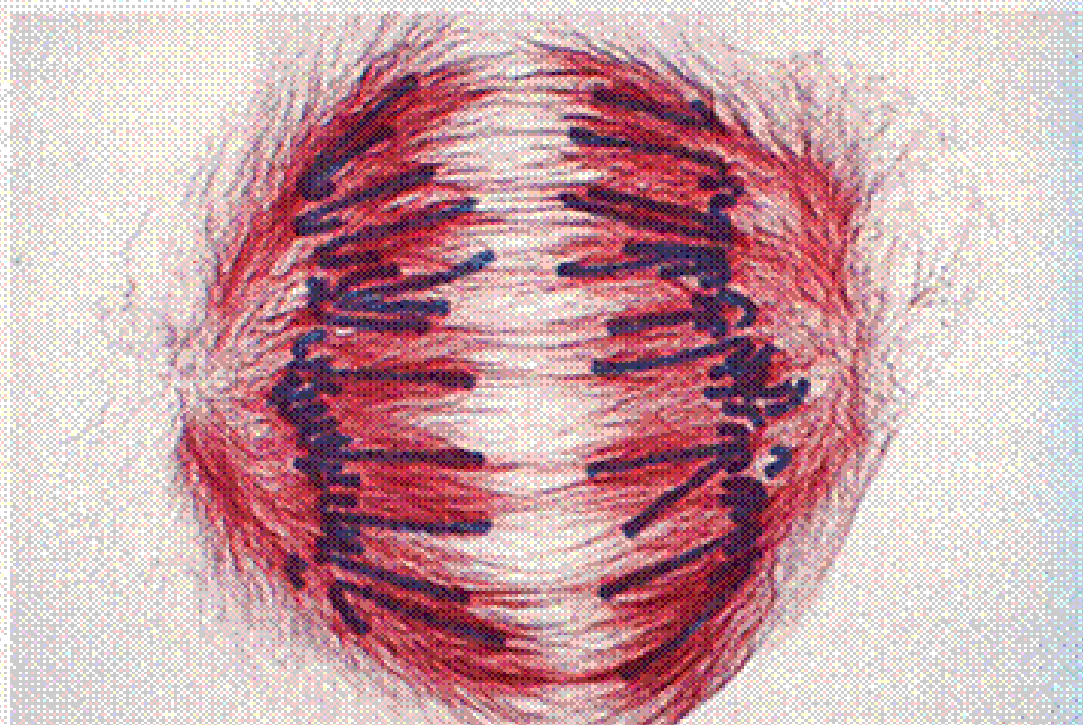
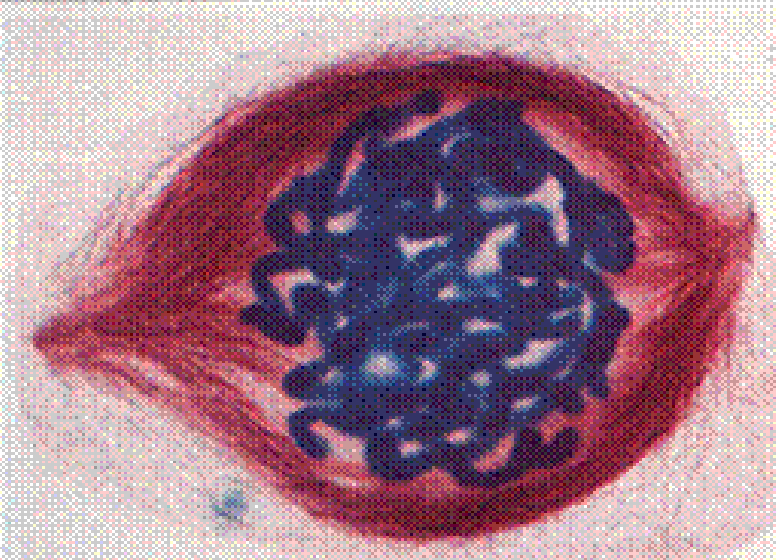
Binary Fission in Prokaryotes



Cell Cycle Control System

Cancer cell





On to Meiosis

11/10/2005

Mitosis

10

Plant cells in various stages of mitosis: (a) prophase; (b) metaphase; (c) anaphase; (d) telophase (all magnified about 2,700 times)

Works Cited

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