

Biology Essentials - 028



Aspidoscelis uniparens

Cell Cycle, Mitosis and Meiosis

Diploid Cell

Cell Cycle

Control

Mitosis

Meiosis

MPF

Cyclins

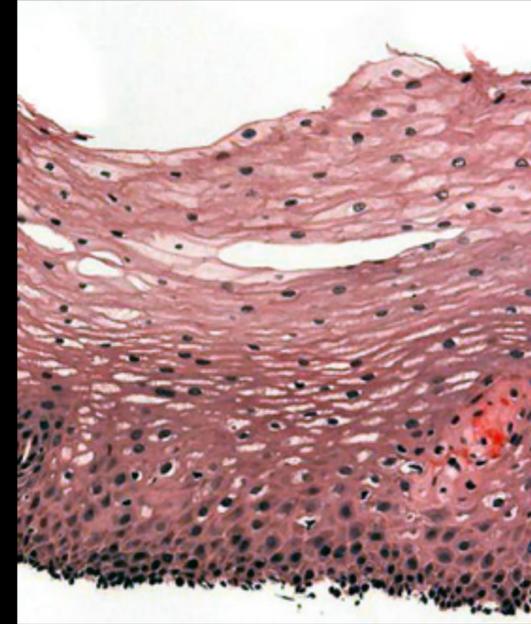
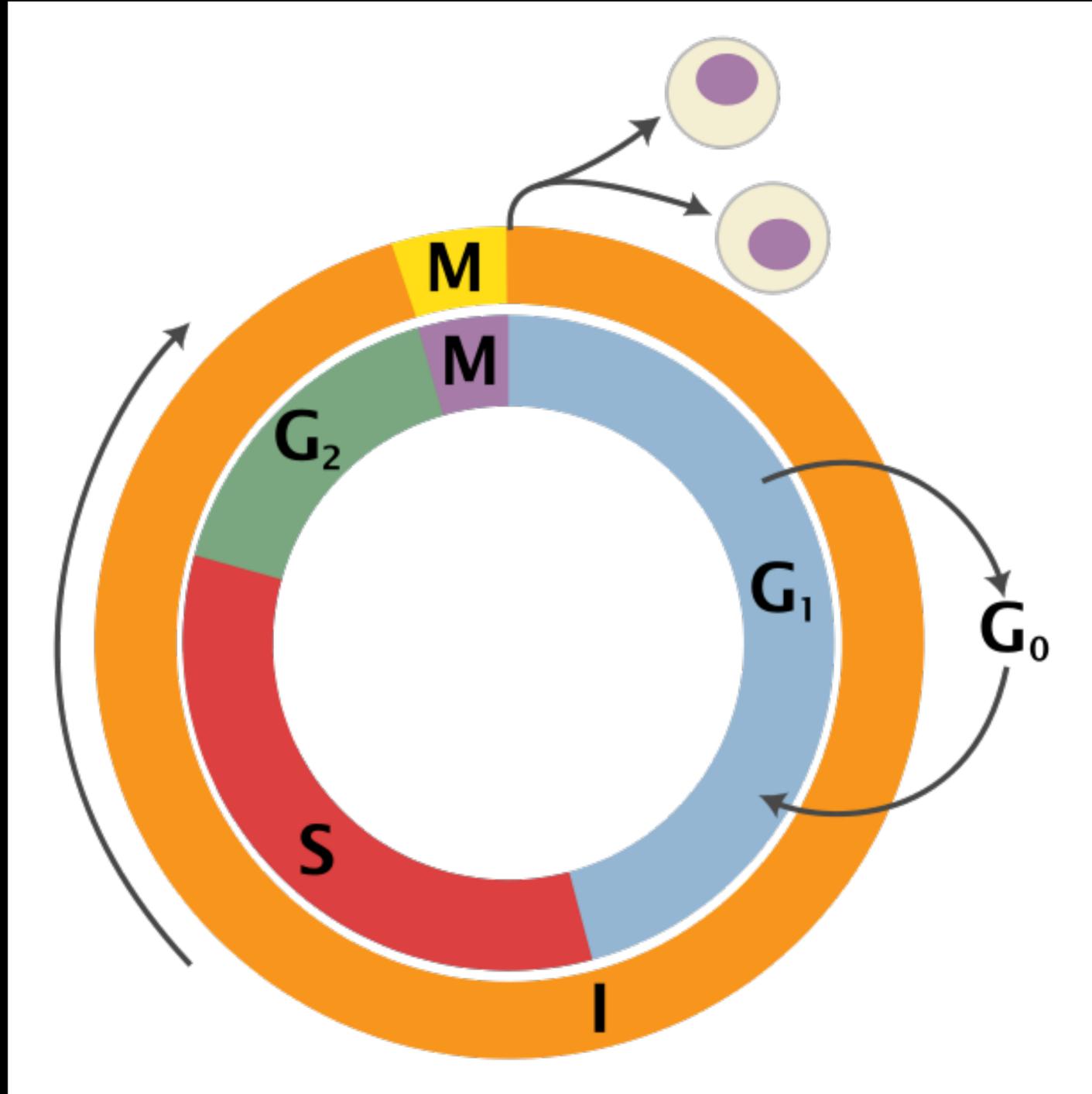
Diploid
Cell

Haploid
Cell

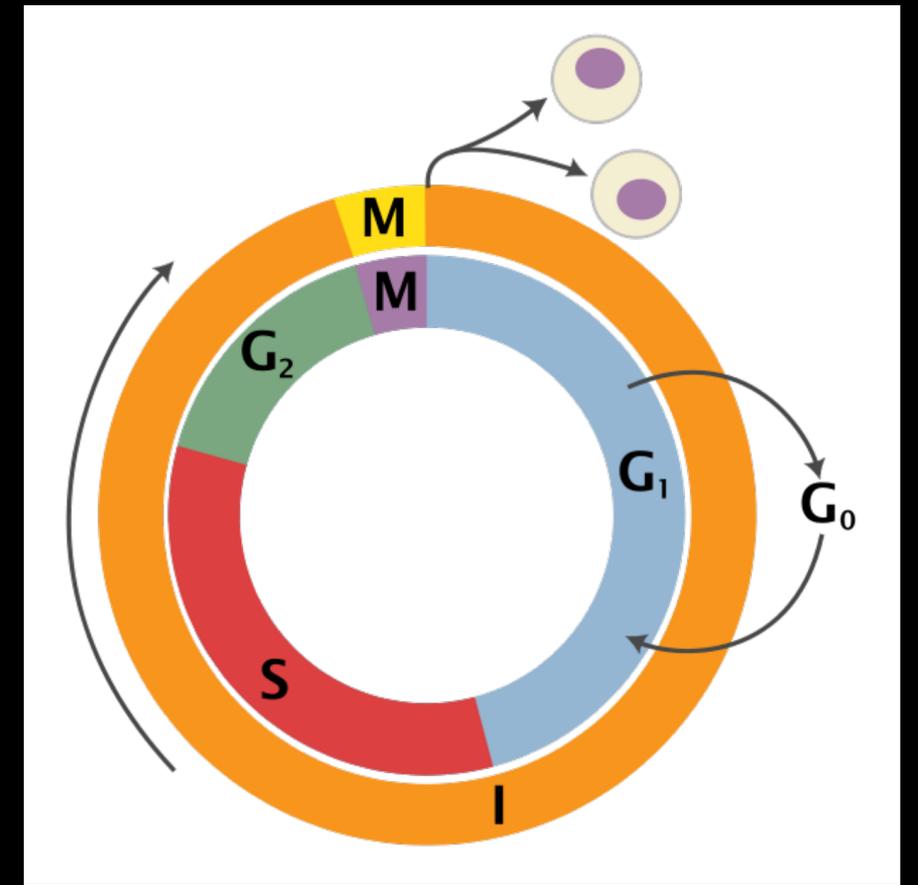
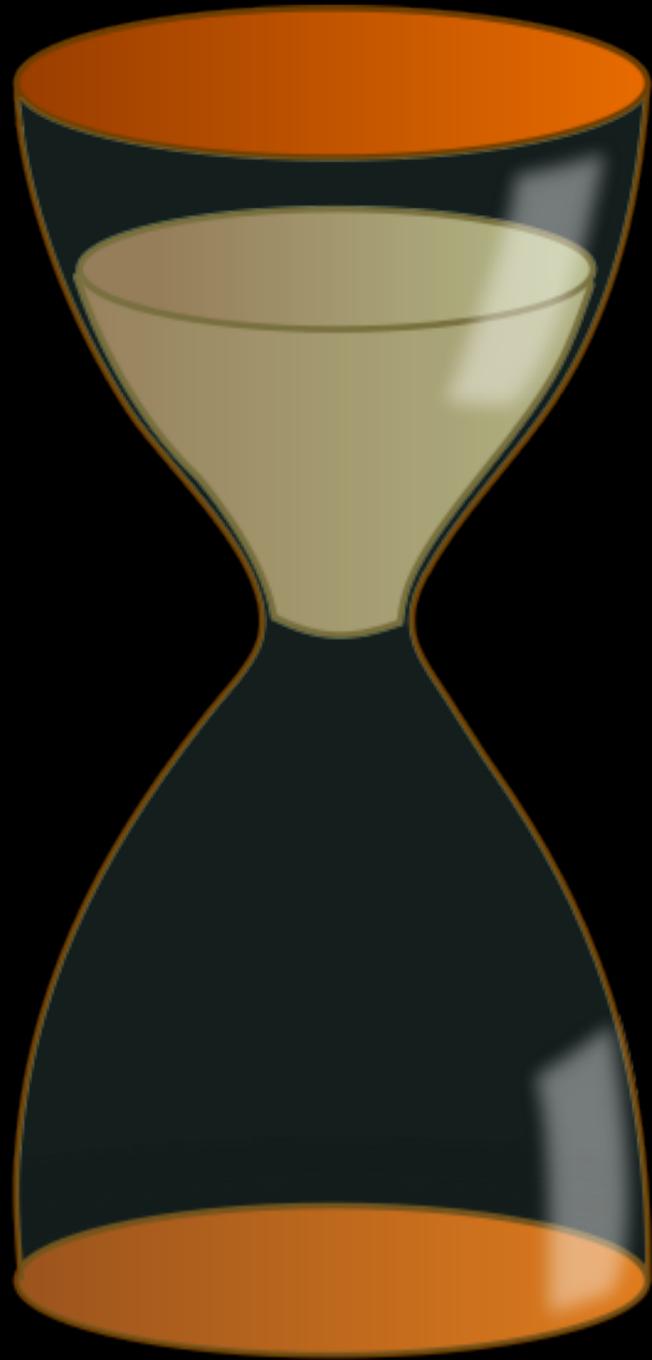
Fertilization

Diploid
Cell

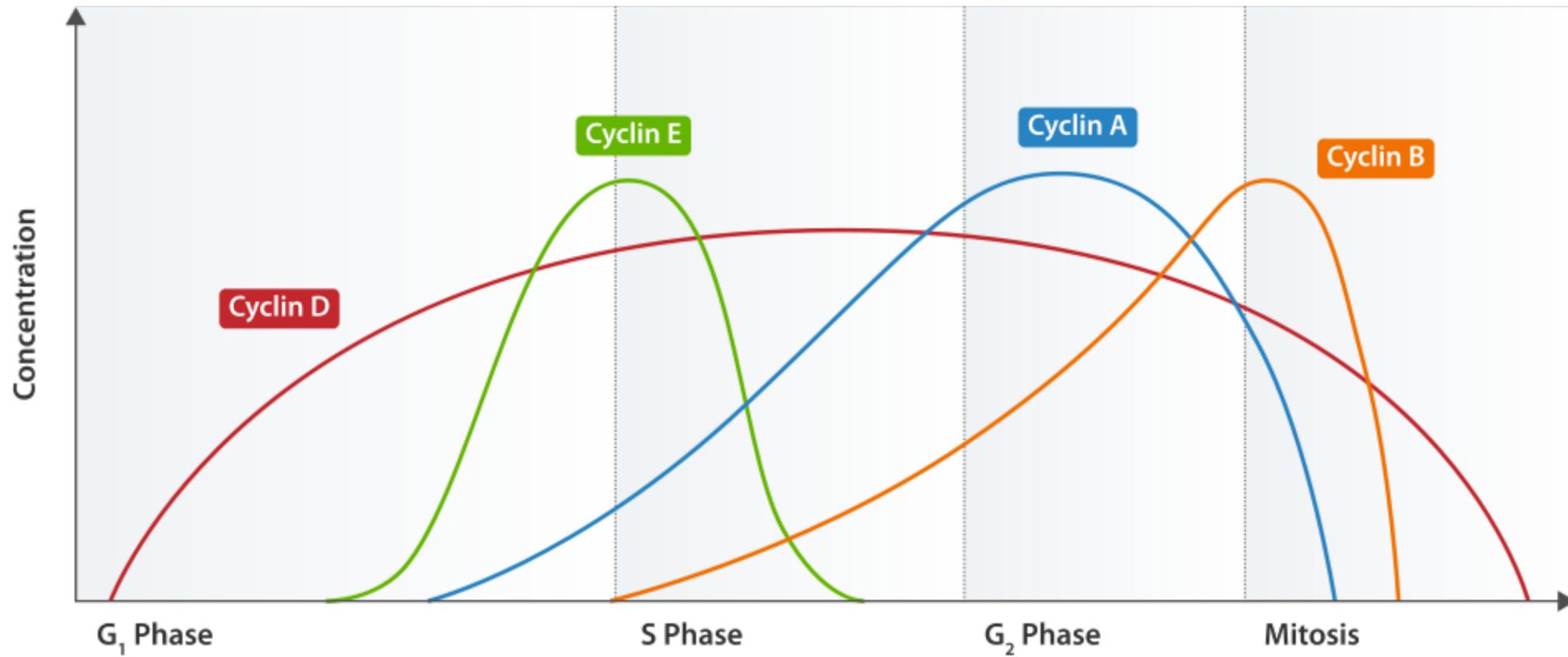




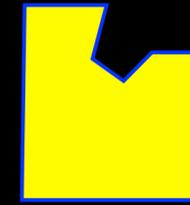
Cell Cycle



Cell Cycle Controls



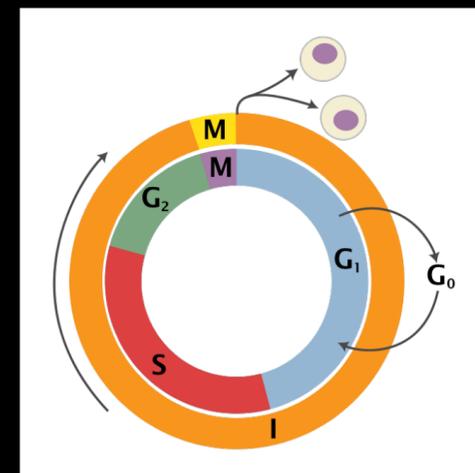
Cyclin

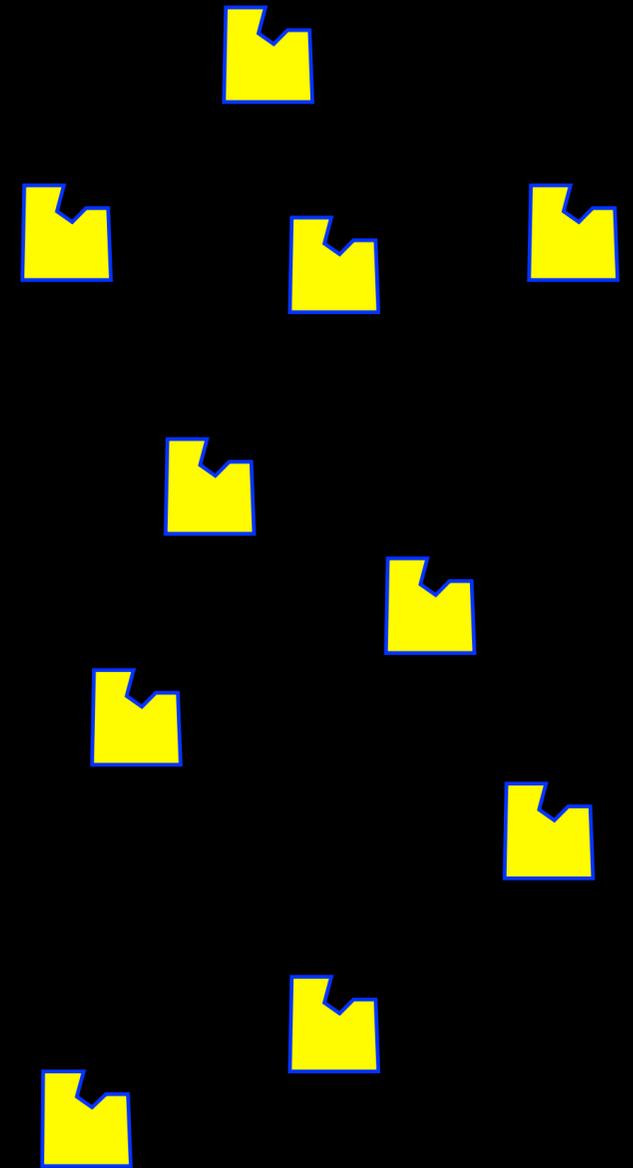
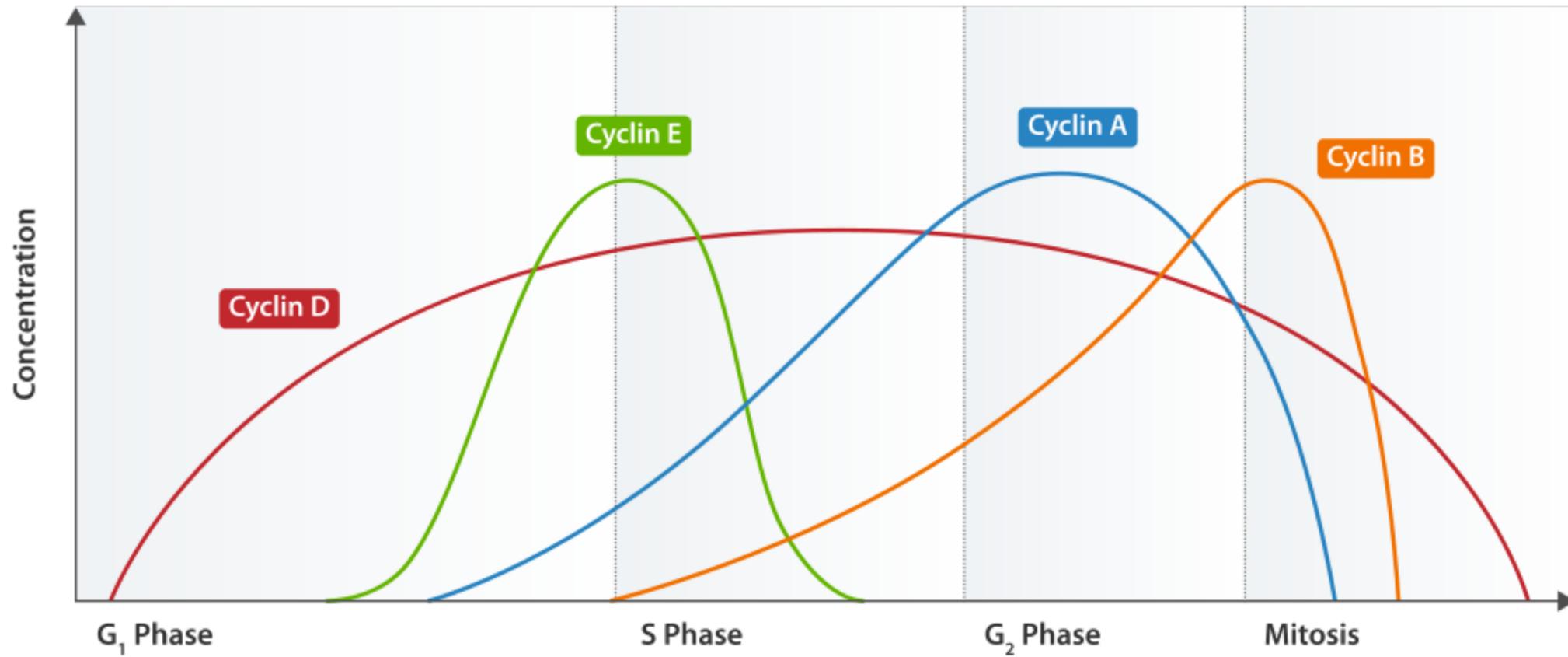


CDK

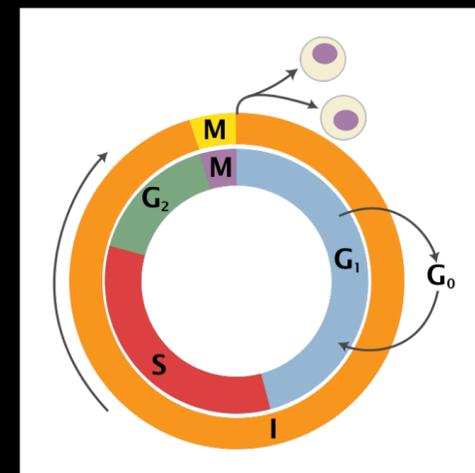


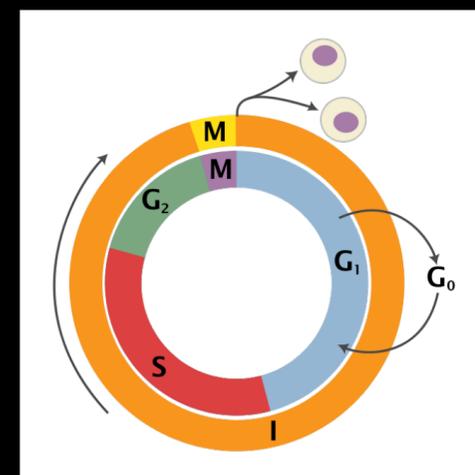
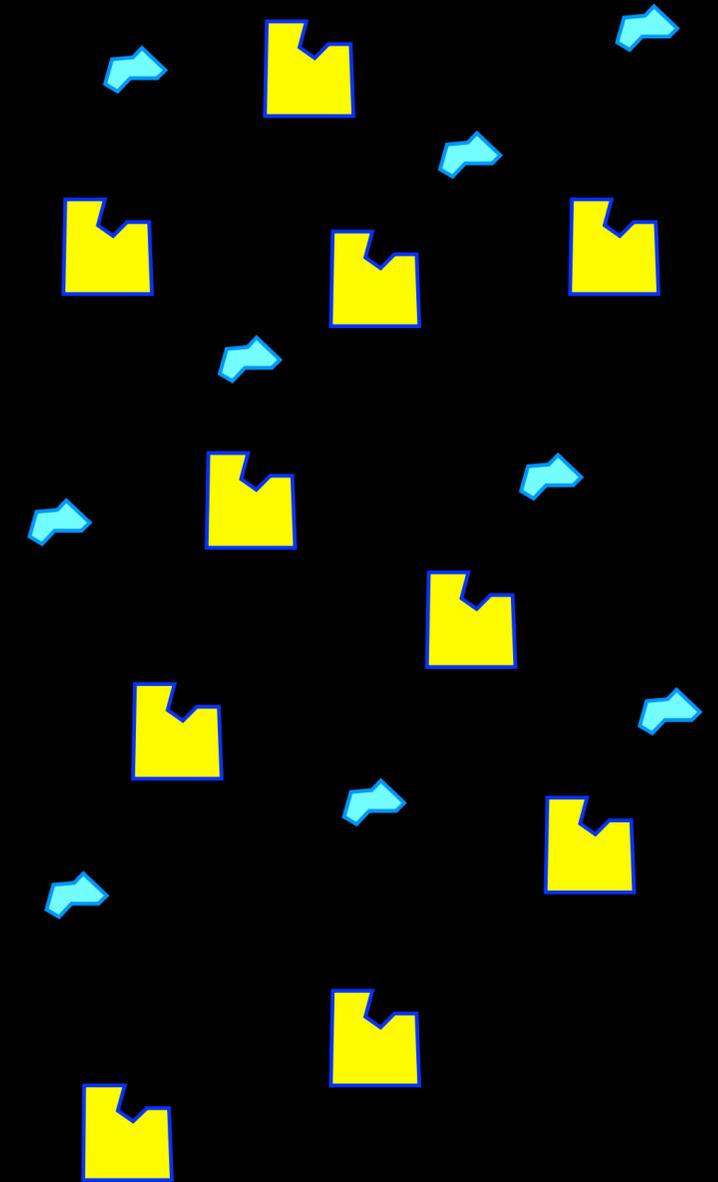
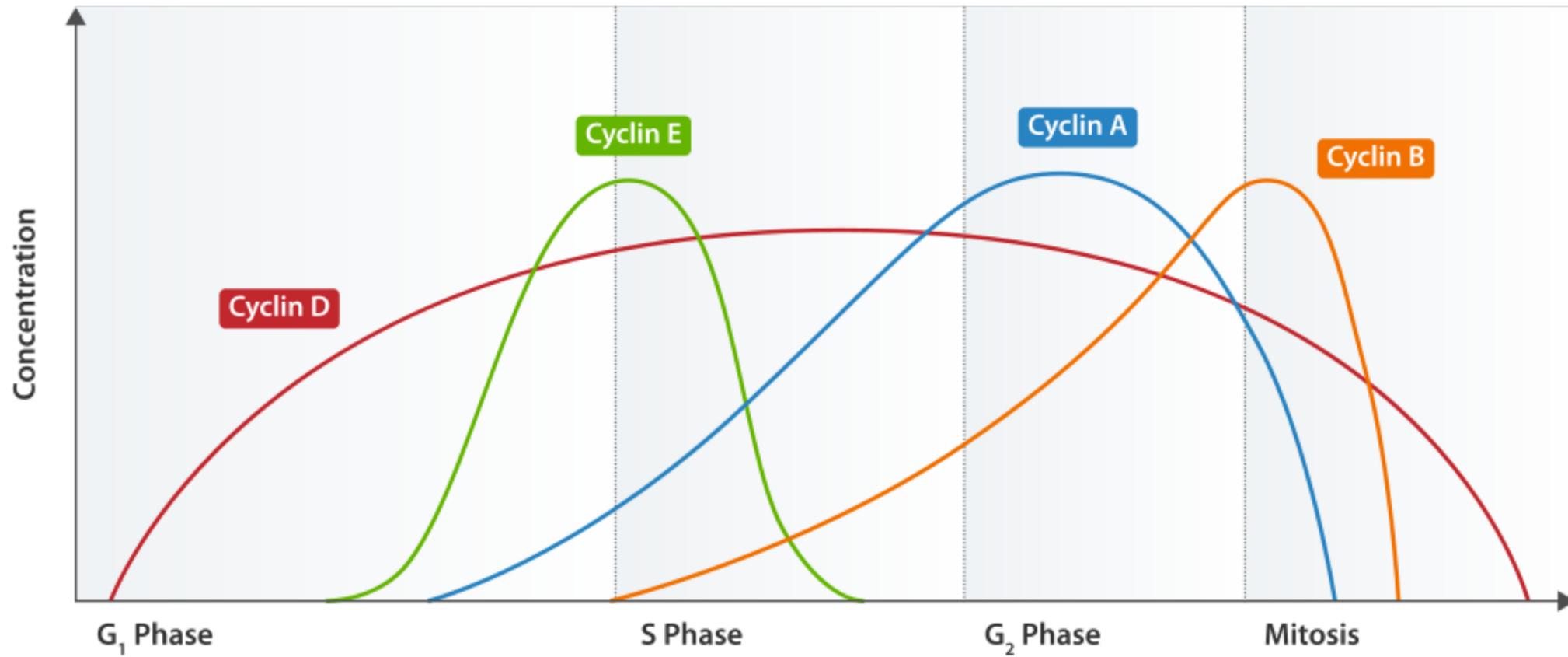
Cell Cycle Controls



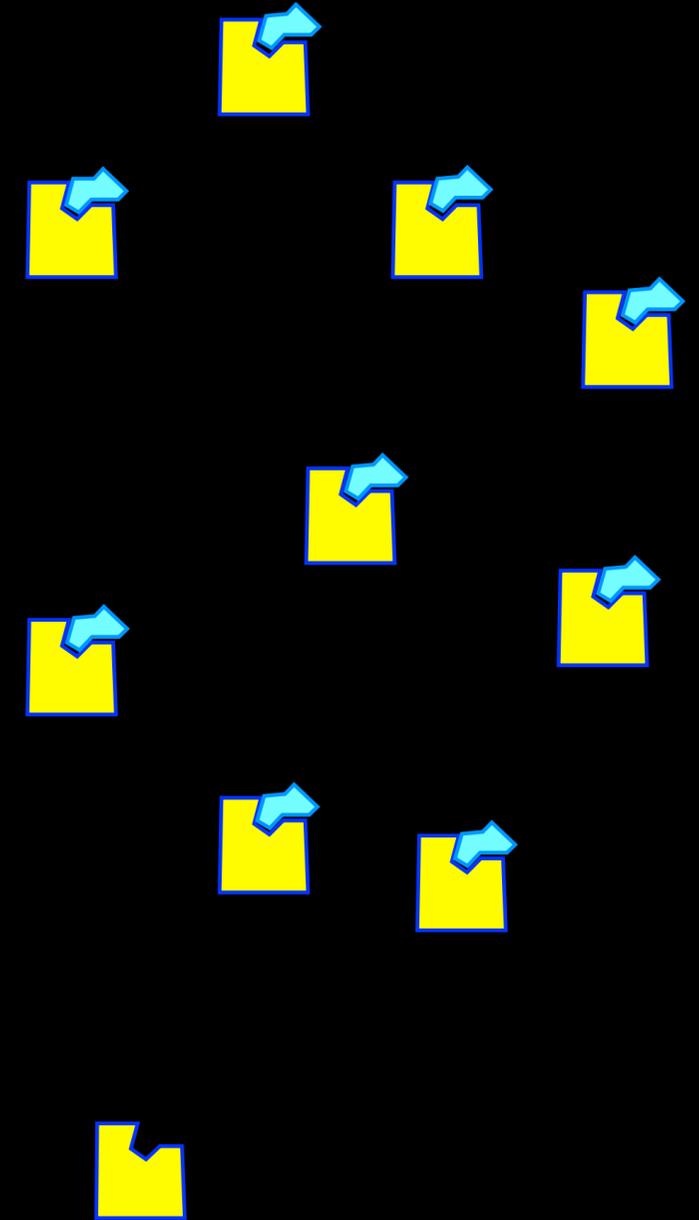
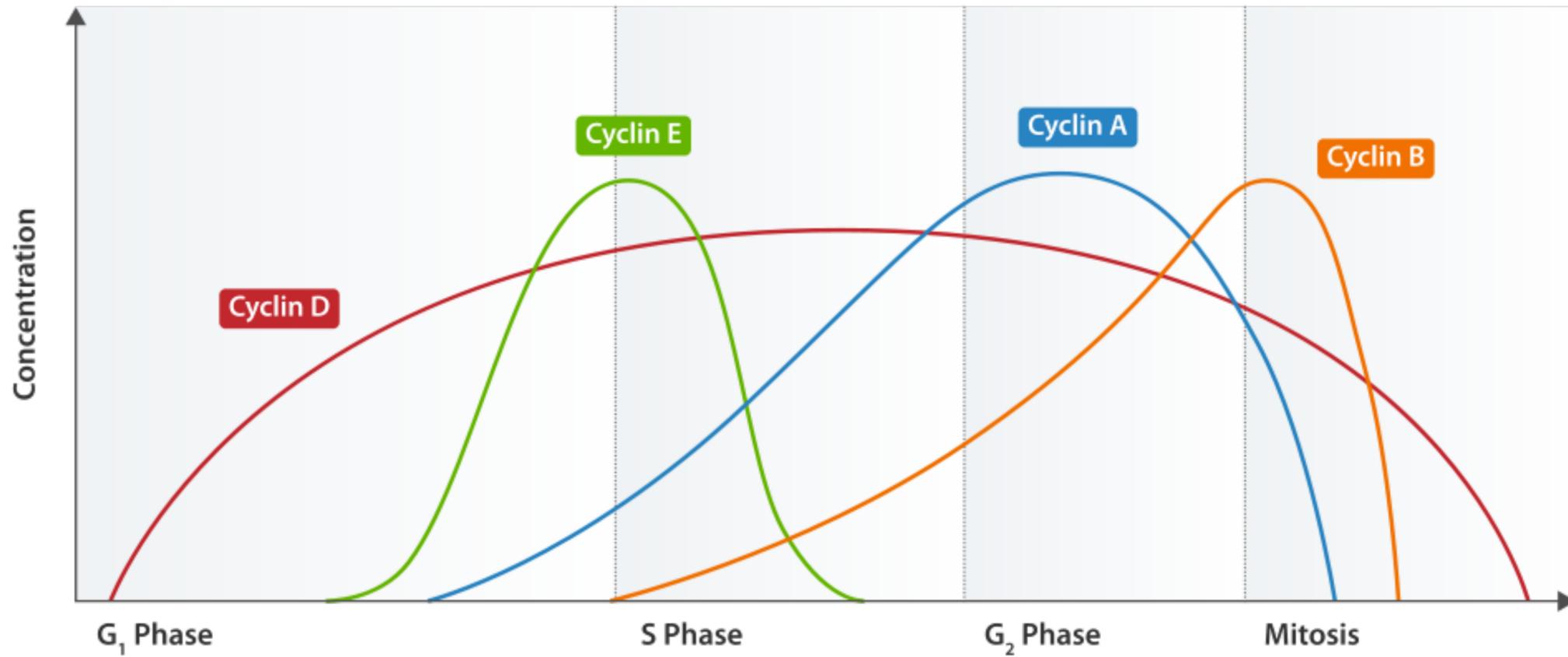


Cell Cycle Controls

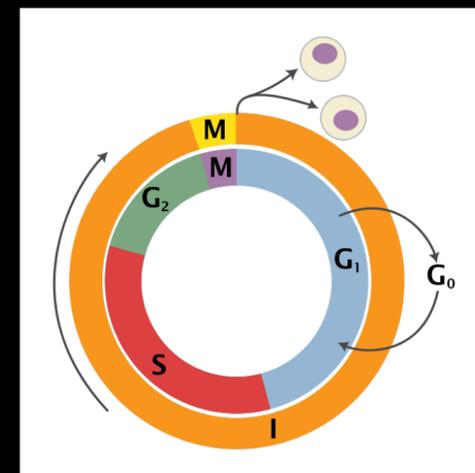


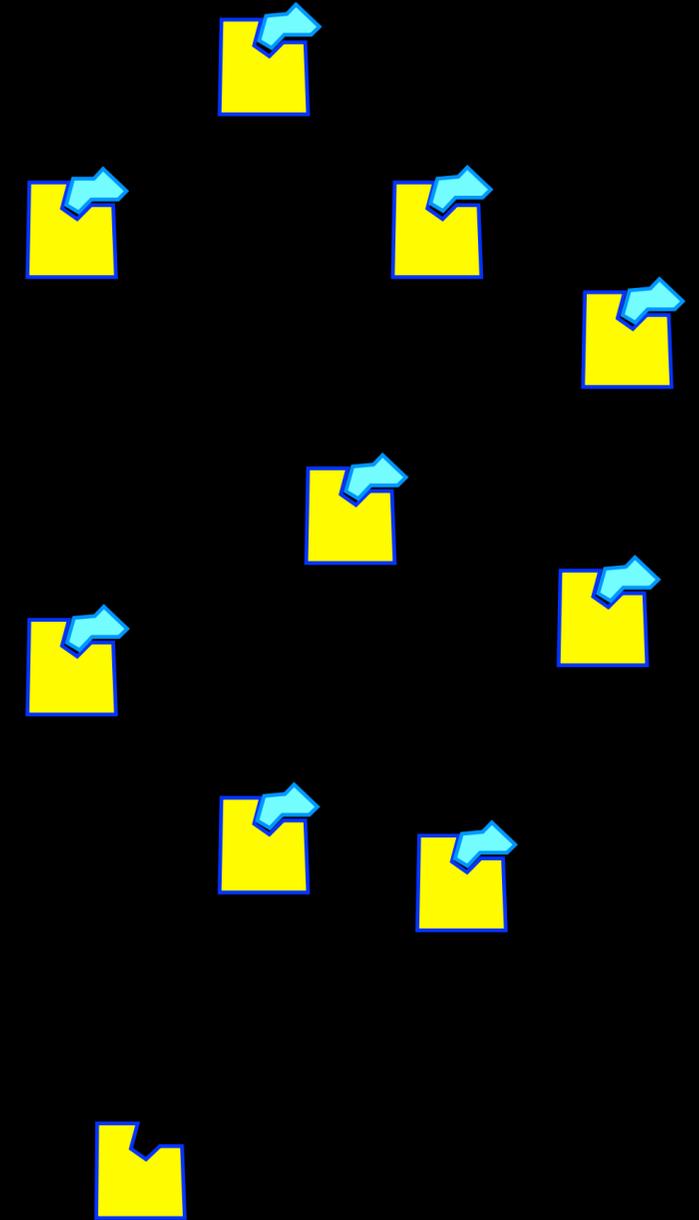
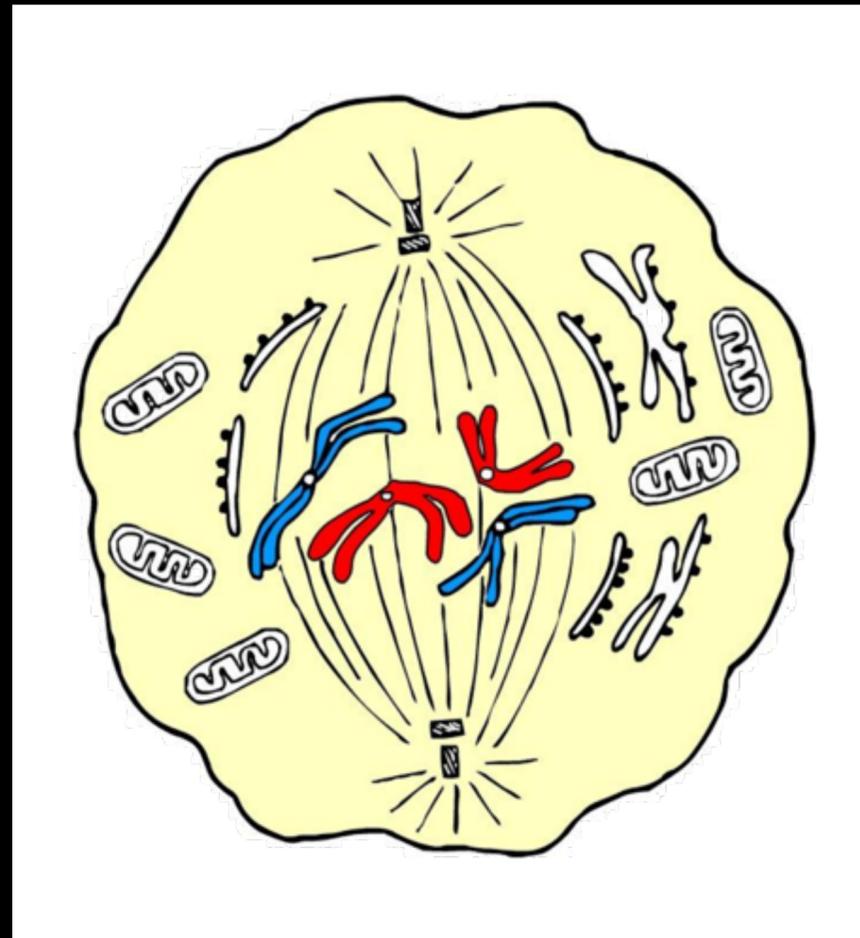
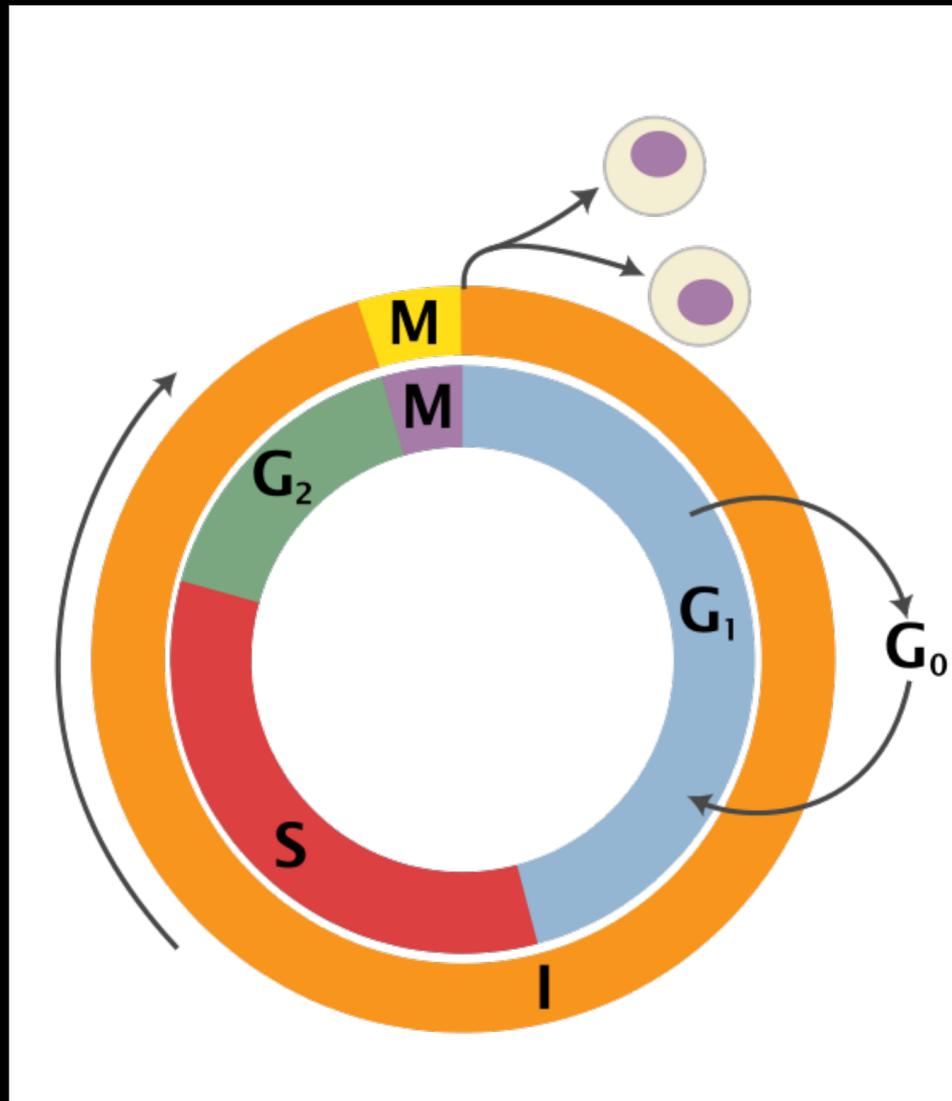


Cell Cycle Controls



Cell Cycle Controls

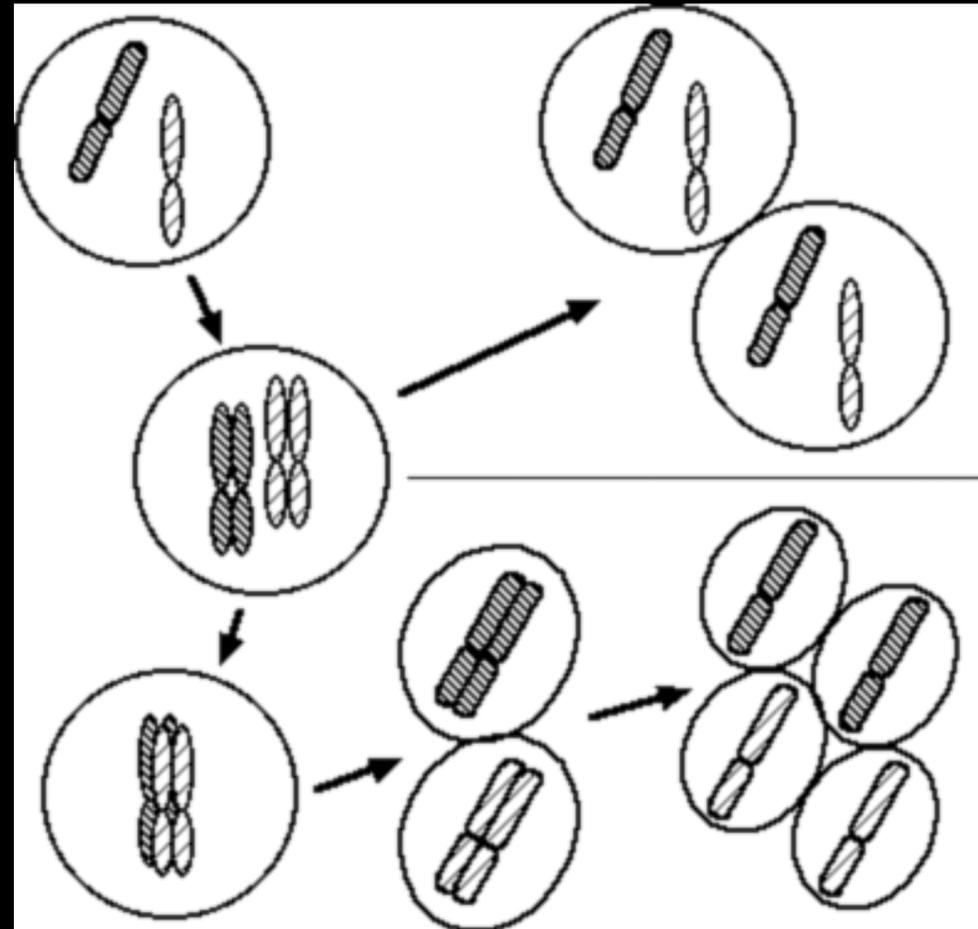




Mitosis Promoting Factor

Cell Cycle Controls

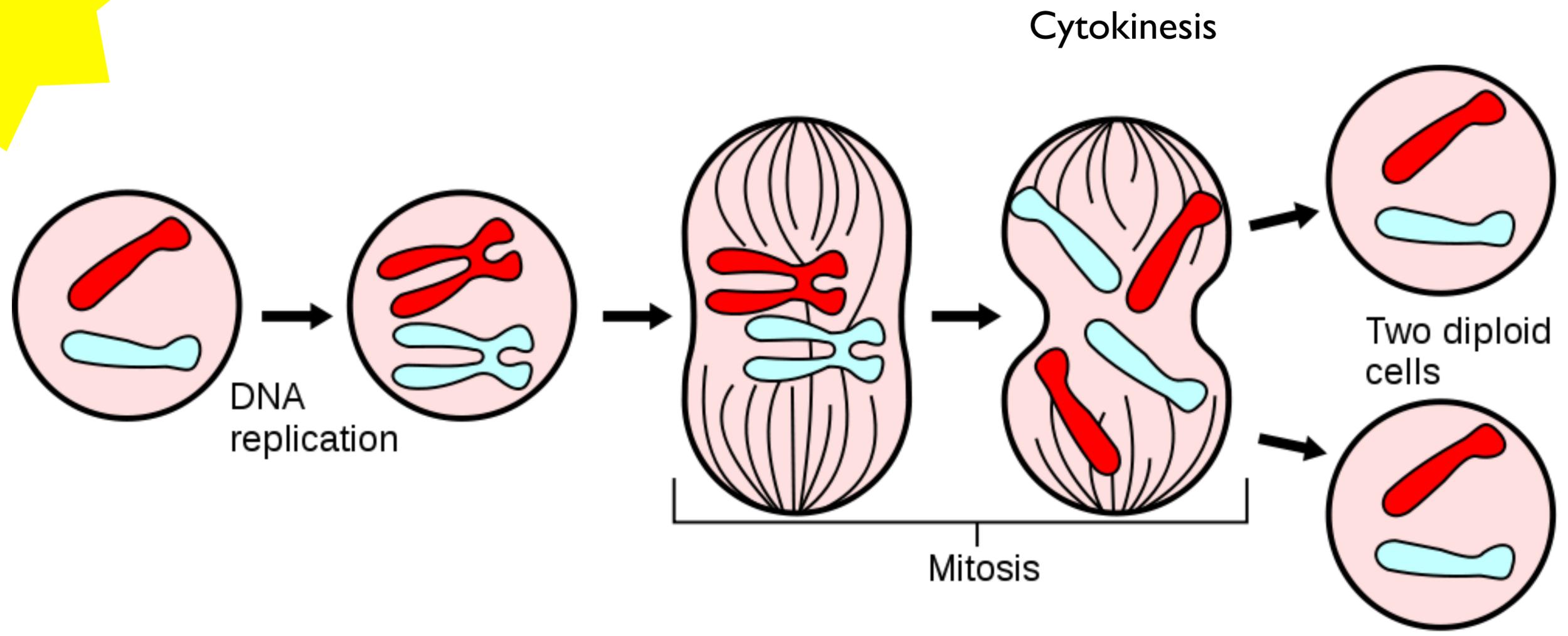
Cell Cycle



Mitosis

Meiosis

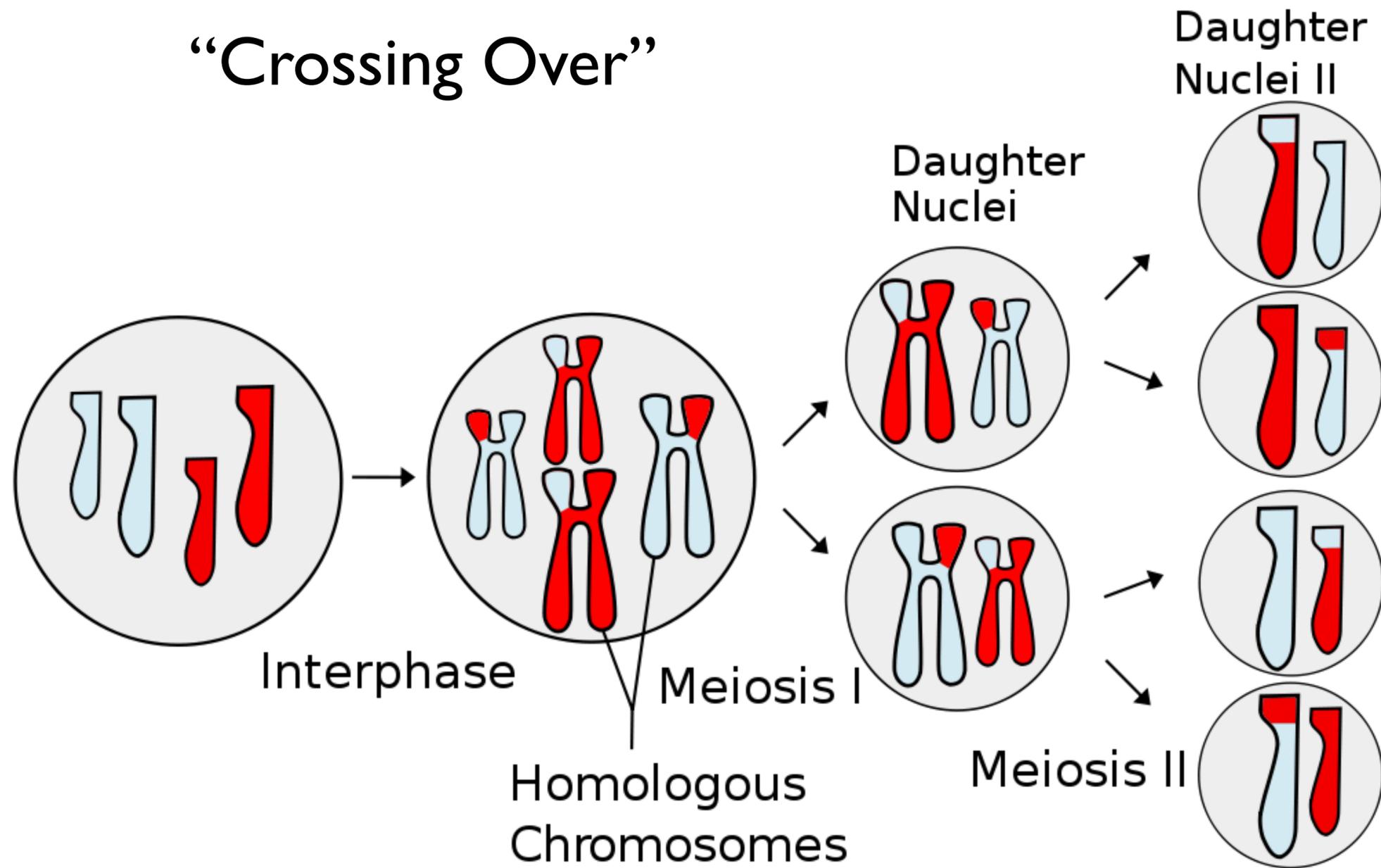
Growth
Repair
Asexual reproduction



Mitosis

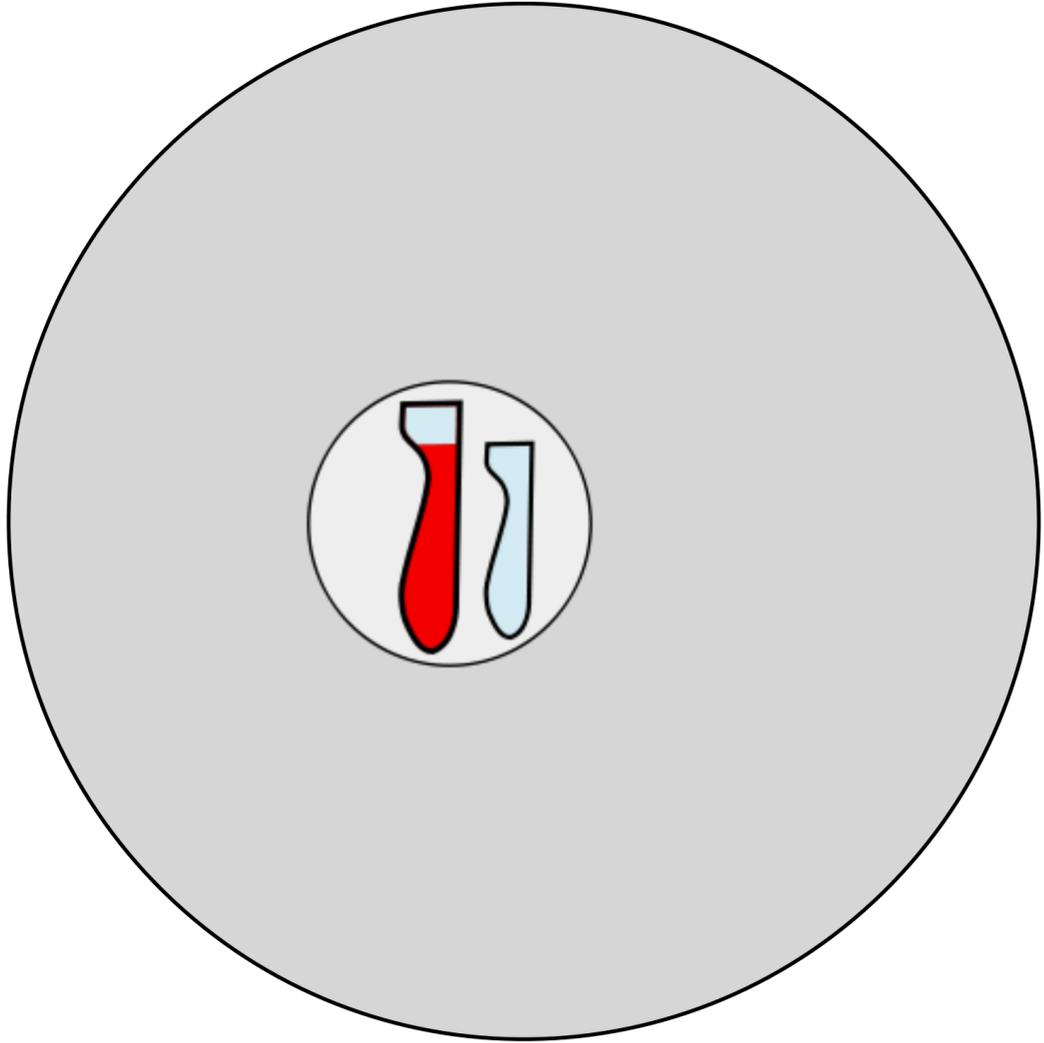
Sexual
reproduction

“Crossing Over”

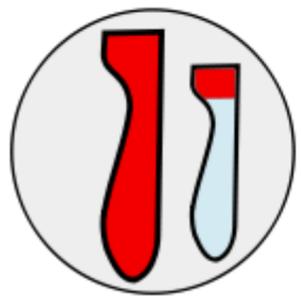


Meiosis

Sexual
reproduction

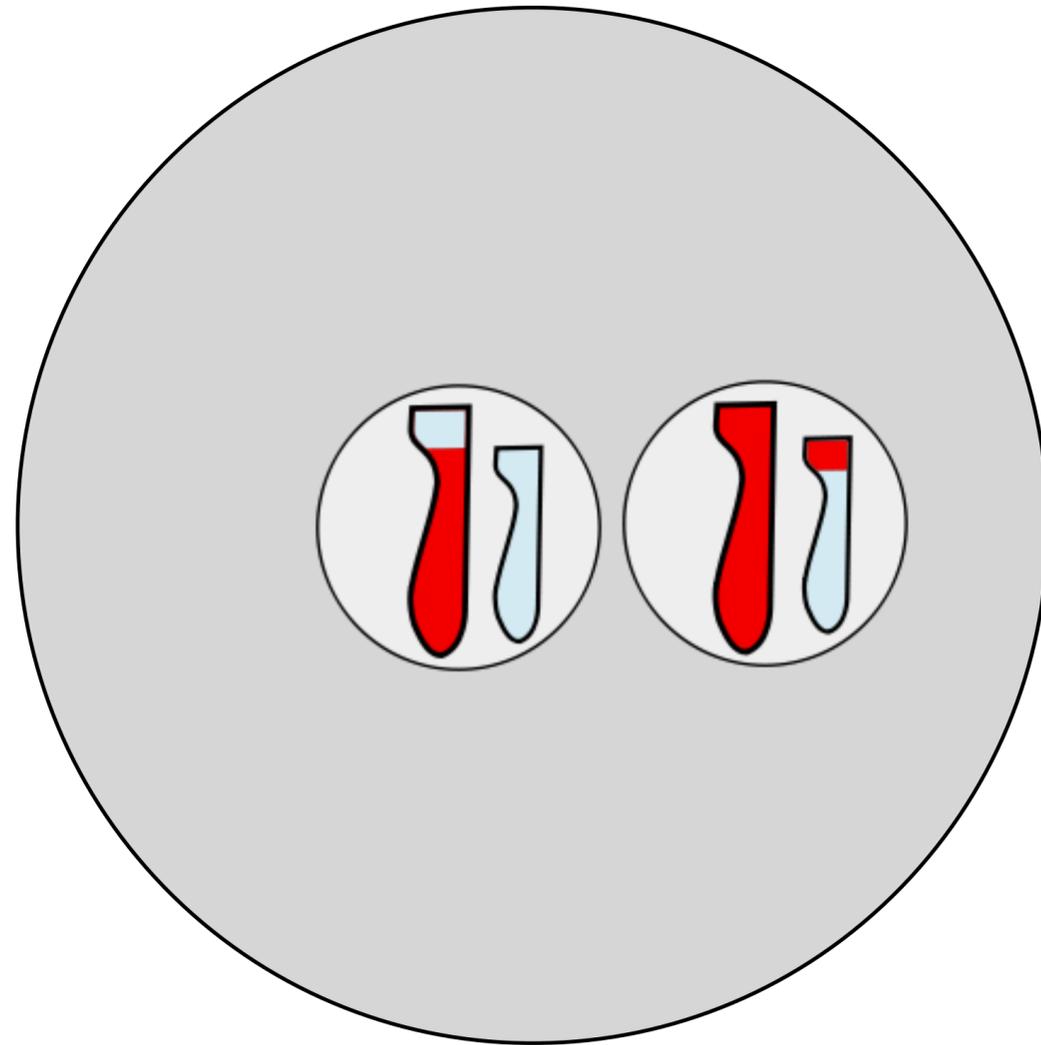


Egg



Sperm

Sexual
reproduction



Zygote

Fertilization

Acknowledgements

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