

# BS2040: Cell Dynamics: Division and Movement

View Online



1.

Lodish HF. Molecular Cell Biology. 8th Edition. New York: W.H. Freeman Macmillan Learning; 2016.

2.

Morgan DO. The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007.

3.

Current Biology. Available from: <http://www.sciencedirect.com/science/journal/09609822>

4.

Current Opinion in Cell Biology. Available from:  
<http://www.sciencedirect.com/science/journal/09550674>

5.

Nature Reviews Molecular Cell Biology. Available from:  
<http://www.nature.com/nrm/archive/index.html>

6.

Trends in Cell Biology. Available from:

<http://www.sciencedirect.com/science/journal/09628924>

7.

The Biomedical & Life Sciences Collection | HS Talks [Internet]. Available from:  
<https://hstalks.com/biosci/>

8.

Coudreuse D, Nurse P. Driving the Cell Cycle With a Minimal CDK Control Network. *Nature*. 2010;468(7327):1074–9.

9.

Swaffer MP, Jones AW, Flynn HR, Snijders AP, Nurse P. CDK Substrate Phosphorylation and Ordering the Cell Cycle. *Cell*. 2016;167(7):1750–61.

10.

Yeeles JTP, Deegan TD, Janska A, Early A, Diffley JFX. Regulated Eukaryotic DNA Replication Origin Firing With Purified Proteins. *Nature*. 2015;519(7544):431–5.

11.

Dinarina A, Pugieux C, Corral MM, Loose M, Spatz J, Karsenti E, et al. Chromatin Shapes the Mitotic Spindle. *Cell*. 2009;138(3):502–13.

12.

Lénárt P, Bacher CP, Daigle N, Hand AR, Eils R, Terasaki M, et al. A Contractile Nuclear Actin Network Drives Chromosome Congression in Oocytes. *Nature*. 2005;436(7052):812–8.

13.

Borrego-Pinto J, Somogyi K, Karreman MA, König J, Müller-Reichert T, Bettencourt-Dias M, et al. Distinct Mechanisms Eliminate Mother and Daughter Centrioles in Meiosis of Starfish

Oocytes. *The Journal of Cell Biology*. 2016;212(7):815–27.

14.

Nurse P. The Great Ideas of Biology | YouTube [Internet]. YouTube; 2013. Available from: <https://www.youtube.com/watch?v=IIPMfaz4qnA>

15.

Nurse P. Kohn Lecture 2010 - Cell Cycle Control | Imperial [Internet]. Imperial College London; Available from: <http://wwwf.imperial.ac.uk/imedia/content/view/674/kohn-lecture-2010--cell-cycle-control/>

16.

Wittenberg C. START Control in Yeast. The Biomedical & Life Sciences Collection [Internet]. 2009; Available from: <https://hstalks.com/t/1253/start-control-in-yeast/?biosci>

17.

Medema R. The G2/M Transition. The Biomedical & Life Sciences Collection [Internet]. 2009; Available from: <https://hstalks.com/t/1268/the-g2m-transition/?biosci>

18.

Tyson JJ, Chen K, Novak B. Network Dynamics and Cell Physiology. *Nature Reviews Molecular Cell Biology*. 2001;2(12):908–16.

19.

Tyson JJ, Novak B. Temporal Organization of the Cell Cycle. *Current Biology*. 2008;18(17):R759–68.

20.

Morgan DO. The Cell Cycle in Cancer. In: *The Cell Cycle: Principles of Control*. London:

NSP/Oxford University Press; 2007. p. 248–66.

21.

Coudreuse D, Nurse P. Driving the Cell Cycle With a Minimal Cdk Control Network. *Nature*. 2010;468(7327):1074–9.

22.

Steinkamp JA. Flow Cytometers. In: *Encyclopedia of Life Sciences* [Internet]. Wiley Interscience; 1999. Available from: <https://onlinelibrary.wiley.com/doi/10.1038/npg.els.0002971>

23.

Tate S, Ko Ferrigno P. Cell Cycle: Synchronization at Various Stages. In: *Encyclopedia of Life Sciences* [Internet]. Wiley Interscience; 1999. Available from: <http://doi.wiley.com/10.1038/npg.els.0002570>

24.

Darzynkiewicz Z. Cell Cycle Analysis by Flow Cytometry. In: *Encyclopedia of Life Sciences* [Internet]. Wiley Interscience; 1999. Available from: <http://doi.wiley.com/10.1002/9780470015902.a0002571.pub2>

25.

Dyall SD, Brown MT, Johnson PJ. Ancient Invasions: From Endosymbionts to Organelles. *Science* [Internet]. 2004;304(5668). Available from: <http://www.jstor.org/stable/3836764>

26.

Blackstone N. The Origin of Eukaryotes. The Biomedical & Life Sciences Collection [Internet]. 2016; Available from: <https://hstalks.com/t/3246/the-origin-of-eukaryotes/?biosci>

27.

Scarpulla R. Nuclear Control of Respiratory Chain Expression by Transcriptional Activators and Coactivators | HS Talks [Internet]. The Biomedical & Life Sciences Collection. HS Talks; 2007. Available from:  
<https://hstalks.com/t/163/nuclear-control-of-respiratory-chain-expression-by/?biosci>

28.

Waters MT, Langdale JA. The Making of a Chloroplast. *The EMBO Journal*. 2009;28(19):2861–73.

29.

Jarvis P, López-Juez E. Biogenesis and Homeostasis of Chloroplasts and Other Plastids. *Nature Reviews Molecular Cell Biology*. 2013;14(12):787–802.

30.

Blow J. Replication Licensing | HS Talks [Internet]. The Biomedical & Life Sciences Collection. HS Talks; 2009. Available from:  
<https://hstalks.com/t/1256/replication-licensing/?biosci>

31.

Morgan DO. The Cell Cycle in Cancer. In: *The Cell Cycle: Principles of Control*. London: NSP/Oxford University Press; 2007. p. 248–66.

32.

Morgan DO. The Cell Cycle in Cancer. In: *The Cell Cycle: Principles of Control*. London: NSP/Oxford University Press; 2007. p. 248–66.

33.

Lodish HF. Vesicular Traffic, Secretion, and Endocytosis. In: *Molecular Cell Biology*. 8th Edition. New York: W.H. Freeman Macmillan Learning; 2016.

34.

Lodish HF. Vesicular Traffic, Secretion, and Endocytosis. In: Molecular Cell Biology. 8th Edition. New York: W.H. Freeman Macmillan Learning; 2016.

35.

Karsenti E. Bipolar Spindle Assembly | HS Talks [Internet]. The Biomedical & Life Sciences Collection. HS Talks; 2009. Available from: <https://hstalks.com/t/1261/bipolar-spindle-assembly/?biosci>

36.

Koshland D. Sister Chromatid Cohesion: Simple Concept, Complex Reality | HS Talks [Internet]. The Biomedical & Life Sciences Collection. HS Talks; 2009. Available from: <https://hstalks.com/t/1259/sister-chromatid-cohesion-simple-concept-complex-r/?biosci>

37.

Marston AL, Amon A. Meiosis: Cell-Cycle Controls Shuffle and Deal. Nature Reviews Molecular Cell Biology. 2004;5(12):983–97.

38.

Karsenti E. Self-Organization in Cell Biology: A Brief History. Nature Reviews Molecular Cell Biology. 2008;9(3):255–62.

39.

Morgan DO. The Cell Cycle in Cancer. In: The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007. p. 248–66.

40.

Morgan DO. The Cell Cycle in Cancer. In: The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007. p. 248–66.

41.

Morgan DO. The Cell Cycle in Cancer. In: The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007. p. 248–66.

42.

Dynlacht B. The E2F Family and Transcriptional Control of the Mammalian Cell Cycle | HS Talks [Internet]. The Biomedical & Life Sciences Collection. HS Talks; 2007. Available from: <https://hstalks.com/t/672/the-e2f-family-and-transcriptional-control-of-the-/?biosci>

43.

van den Heuvel S, Dyson NJ. Conserved Functions of the pRB and E2F Families. Nature Reviews Molecular Cell Biology [Internet]. 2008;9(9):713–24. Available from: <https://www.nature.com/articles/nrm2469>

44.

Morgan DO. The Cell Cycle in Cancer. In: The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007. p. 248–66.

45.

Morgan DO. The Cell Cycle in Cancer. In: The Cell Cycle: Principles of Control. London: NSP/Oxford University Press; 2007. p. 248–66.

46.

Horvitz H, Herskowitz I. Mechanisms of Asymmetric Cell Division: Two Bs or Not Two Bs, That Is the Question. Cell. 1992;68(2):237–55.

47.

Knoblich JA. Mechanisms of Asymmetric Stem Cell Division. Cell. 2008;132(4):583–97.

48.

Hayles J, Nurse P. A Journey Into Space. Nature Reviews Molecular Cell Biology.

2001;2(9):647-56.

49.

De Smet I, Beeckman T. Asymmetric Cell Division in Land Plants and Algae: The Driving Force for Differentiation. *Nature Reviews Molecular Cell Biology*. 2011;12(3):177-88.