

# BS2040: Cell Biology

BS2040: Cell Biology

View Online



[1]

H. F. Lodish, 'Vesicular Traffic, Secretion, and Endocytosis', in Molecular Cell Biology, 8th Edition., New York: W.H. Freeman Macmillan Learning, 2016.

[2]

D. O. Morgan, The Cell Cycle: Principles of Control, 2nd Edition. Oxford: Oxford University Press, 2012.

[3]

'Current Biology' [Online]. Available:  
<http://www.sciencedirect.com/science/journal/09609822>

[4]

'Current Opinion in Cell Biology' [Online]. Available:  
<http://www.sciencedirect.com/science/journal/09550674>

[5]

'Nature Reviews Molecular Cell Biology' [Online]. Available:  
<http://www.nature.com/nrm/archive/index.html>

[6]

'Trends in Cell Biology' [Online]. Available:  
<http://www.sciencedirect.com/science/journal/09628924>

[7]

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

[8]

D. Coudreuse and P. Nurse, 'Driving the Cell Cycle With a Minimal CDK Control Network', *Nature*, vol. 468, no. 7327, pp. 1074–1079, 2010, doi: 10.1038/nature09543.

[9]

J. T. P. Yeeles, T. D. Deegan, A. Janska, A. Early, and J. F. X. Diffley, 'Regulated eukaryotic DNA replication origin firing with purified proteins', *Nature*, vol. 519, no. 7544, pp. 431–435, Mar. 2015, doi: 10.1038/nature14285.

[10]

A. Dinarina et al., 'Chromatin Shapes the Mitotic Spindle', *Chromatin Shapes the Mitotic Spindle*, vol. 138, no. 3, pp. 502–513, 7AD [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0092867409006308>

[11]

P. Lénárt et al., 'A contractile nuclear actin network drives chromosome congression in oocytes', *Nature*, vol. 436, no. 7052, pp. 812–818, Aug. 2005, doi: 10.1038/nature03810.

[12]

'The Moth and the World Science Festival present Paul Nurse: Family Trees Can Be Dangerous'. 2012 [Online]. Available: <https://www.youtube.com/watch?v=X9Jktke38I8>

[13]

'The great ideas of biology (Paul Nurse Lecture)'. [Online]. Available: <http://royalsociety.tv/rsPlayer.aspx?presentationid=476%20>

[14]

'Imperial College London media library : Kohn lecture 2010 - Cell cycle control'. [Online]. Available: <http://wwwf.imperial.ac.uk/imedia/content/view/674/kohn-lecture-2010--cell-cycle-control/>

[15]

C. Wittenberg, 'START control in yeast', The Biomedical & Life Sciences Collection. 2009 [Online]. Available: <https://hstalks.com/t/1253/start-control-in-yeast/?biosci>

[16]

R. Medema, 'The G2/M transition', The Biomedical & Life Sciences Collection. 2009 [Online]. Available: <https://hstalks.com/t/1268/the-g2m-transition/?biosci>

[17]

J. J. Tyson, K. Chen, and B. Novak, 'Network Dynamics and Cell Physiology', Nature Reviews Molecular Cell Biology, vol. 2, no. 12, pp. 908-916, 2001, doi: 10.1038/35103078.

[18]

J. J. Tyson and B. Novak, 'Temporal Organization of the Cell Cycle', Current Biology, vol. 18, no. 17, pp. R759-R768, 2008, doi: 10.1016/j.cub.2008.07.001.

[19]

D. O. Morgan, The Cell Cycle: Principles of Control, 2nd Edition. Oxford: Oxford University Press, 2012.

[20]

J. A. Steinkamp, 'Flow Cytometers', in Encyclopedia of Life Sciences, Wiley Interscience, 1999 [Online]. Available: <https://onlinelibrary.wiley.com/doi/10.1038/npg.els.0002971>

[21]

S. Tate and P. Ko Ferrigno, 'Cell Cycle: Synchronization at Various Stages', in Encyclopedia of Life Sciences, Wiley Interscience, 1999.

[22]

Z. Darzynkiewicz, 'Cell Cycle Analysis by Flow Cytometry', in Encyclopedia of Life Sciences, Wiley Interscience, 1999.

[23]

J. Blow, 'Replication Licensing | HS Talks', The Biomedical & Life Sciences Collection. HS Talks, 2009 [Online]. Available: <https://hstalks.com/t/1256/replication-licensing/?biosci>

[24]

D. O. Morgan, The Cell Cycle: Principles of Control, 2nd Edition. Oxford: Oxford University Press, 2012.

[25]

D. O. Morgan, The Cell Cycle: Principles of Control, 2nd Edition. Oxford: Oxford University Press, 2012.

[26]

D. Coudreuse and P. Nurse, 'Driving the Cell Cycle With a Minimal CDK Control Network', Nature, vol. 468, pp. 1074–1079, 2010, doi: 10.1038/nature09543.

[27]

E. Karsenti, 'Bipolar Spindle Assembly | HS Talks', The Biomedical & Life Sciences Collection. HS Talks, 2009 [Online]. Available: <https://hstalks.com/t/1261/bipolar-spindle-assembly/?biosci>

[28]

D. Koshland, 'Sister Chromatid Cohesion: Simple Concept, Complex Reality | HS Talks', The Biomedical & Life Sciences Collection. HS Talks, 2009 [Online]. Available: <https://hstalks.com/t/1259/sister-chromatid-cohesion-simple-concept-complex-r/?biosci>

[29]

A. L. Marston and A. Amon, 'Meiosis: Cell-cycle controls shuffle and deal', *Nature Reviews Molecular Cell Biology*, vol. 6, no. 10, pp. 818–818, 2005, doi: 10.1038/nrm1759.

[30]

E. Karsenti, 'Self-organization in cell biology: a brief history', *Nature Reviews Molecular Cell Biology*, vol. 9, no. 3, pp. 255–262, 2008, doi: 10.1038/nrm2357.

[31]

D. O. Morgan, *The Cell Cycle: Principles of Control*, 2nd Edition. Oxford: Oxford University Press, 2012.

[32]

D. O. Morgan, *The Cell Cycle: Principles of Control*, 2nd Edition. Oxford: Oxford University Press, 2012.

[33]

D. O. Morgan, *The Cell Cycle: Principles of Control*, 2nd Edition. Oxford: Oxford University Press, 2012.

[34]

B. Dynlacht, 'The E2F Family and Transcriptional Control of the Mammalian Cell Cycle | HS Talks', The Biomedical & Life Sciences Collection. HS Talks, 2007 [Online]. Available: <https://hstalks.com/t/672/the-e2f-family-and-transcriptional-control-of-the-/?biosci>

[35]

S. van den Heuvel and N. J. Dyson, 'Conserved Functions of the pRB and E2F Families', *Nature Reviews Molecular Cell Biology*, vol. 9, no. 9, pp. 713–724, 2008, doi:

10.1038/nrm2469. [Online]. Available: <https://www.nature.com/articles/nrm2469>

[36]

D. O. Morgan, *The Cell Cycle: Principles of Control*, 2nd Edition. Oxford: Oxford University Press, 2012.

[37]

D. O. Morgan, *The Cell Cycle: Principles of Control*, 2nd Edition. Oxford: Oxford University Press, 2012.

[38]

R. Scarpulla, 'Nuclear Control of Respiratory Chain Expression by Transcriptional Activators and Coactivators | HS Talks', *The Biomedical & Life Sciences Collection*. HS Talks, 2007 [Online]. Available: <https://hstalks.com/t/163/nuclear-control-of-respiratory-chain-expression-by/?biosci>

[39]

S. D. Dyal, M. T. Brown, and P. J. Johnson, 'Ancient Invasions: From Endosymbionts to Organelles', *Science*, vol. 304, no. 5668, 2004 [Online]. Available: <http://www.jstor.org/stable/3836764>

[40]

M. T. Waters and J. A. Langdale, 'The Making of a Chloroplast', *The EMBO Journal*, vol. 28, no. 19, pp. 2861–2873, 2009, doi: 10.1038/emboj.2009.264.

[41]

P. Jarvis and E. López-Juez, 'Biogenesis and Homeostasis of Chloroplasts and Other Plastids', *Nature Reviews Molecular Cell Biology*, vol. 14, no. 12, pp. 787–802, 2013, doi: 10.1038/nrm3702.

[42]

J. A. Knoblich, 'Mechanisms of Asymmetric Stem Cell Division', *Cell*, vol. 132, no. 4, pp. 583–597, 2008, doi: 10.1016/j.cell.2008.02.007.

[43]

H. Horvitz and I. Herskowitz, 'Mechanisms of Asymmetric Cell Division: Two Bs or Not Two Bs, That Is the Question', *Cell*, vol. 68, no. 2, pp. 237–255, 1992.

[44]

J. Hayles and P. Nurse, 'A Journey Into Space', *Nature Reviews Molecular Cell Biology*, vol. 2, no. 9, pp. 647–656, 2001, doi: 10.1038/35089520.

[45]

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

[46]

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