BS2040: Cell Dynamics: Division and Movement

View Online

Blackstone, Neil, 'The Origin of Eukaryotes', The Biomedical & Life Sciences Collection, 2016 <https://hstalks.com/t/3246/the-origin-of-eukaryotes/?biosci>

Blow, Julian, 'Replication Licensing | HS Talks', The Biomedical & Life Sciences Collection (HS Talks, 2009) <https://hstalks.com/t/1256/replication-licensing/?biosci>

Borrego-Pinto, Joana, Kálmán Somogyi, Matthia A. Karreman, Julia König, Thomas Müller-Reichert, Mónica Bettencourt-Dias, and others, 'Distinct Mechanisms Eliminate Mother and Daughter Centrioles in Meiosis of Starfish Oocytes', The Journal of Cell Biology, 212.7 (2016), 815–27 <https://doi.org/10.1083/jcb.201510083>

Coudreuse, Damien, and Paul Nurse, 'Driving the Cell Cycle With a Minimal CDK Control Network', Nature, 468.7327 (2010), 1074–79 <https://doi.org/10.1038/nature09543>

———, 'Driving the Cell Cycle With a Minimal Cdk Control Network', Nature, 468.7327 (2010), 1074–79 <https://doi.org/10.1038/nature09543>

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

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

Darzynkiewicz, Zbigniew, 'Cell Cycle Analysis by Flow Cytometry', in Encyclopedia of Life Sciences (Wiley Interscience, 1999) <https://doi.org/10.1002/9780470015902.a0002571.pub2>

De Smet, Ive, and Tom Beeckman, 'Asymmetric Cell Division in Land Plants and Algae: The Driving Force for Differentiation', Nature Reviews Molecular Cell Biology, 12.3 (2011), 177–88 <https://doi.org/10.1038/nrm3064>

Dinarina, Ana, Céline Pugieux, Maria Mora Corral, Martin Loose, Joachim Spatz, Eric Karsenti, and others, 'Chromatin Shapes the Mitotic Spindle', Cell, 138.3 (2009), 502–13 <https://doi.org/10.1016/j.cell.2009.05.027>

Dyall, Sabrina D, Mark T Brown, and Patricia J Johnson, 'Ancient Invasions: From Endosymbionts to Organelles', Science, 304.5668 (2004) <http://www.jstor.org/stable/3836764>

Dynlacht, Brian, 'The E2F Family and Transcriptional Control of the Mammalian Cell Cycle | HS Talks', The Biomedical & Life Sciences Collection (HS Talks, 2007)

<https://hstalks.com/t/672/the-e2f-family-and-transcriptional-control-of-the-/?biosci>

Hayles, Jacqueline, and Paul Nurse, 'A Journey Into Space', Nature Reviews Molecular Cell Biology, 2.9 (2001), 647–56 <https://doi.org/10.1038/35089520>

van den Heuvel, Sander, and Nicholas J. Dyson, 'Conserved Functions of the pRB and E2F Families', Nature Reviews Molecular Cell Biology, 9.9 (2008), 713–24 <https://doi.org/10.1038/nrm2469>

Horvitz, H, and I Herskowitz, 'Mechanisms of Asymmetric Cell Division: Two Bs or Not Two Bs, That Is the Question', Cell, 68.2 (1992), 237–55

Jarvis, Paul, and Enrique López-Juez, 'Biogenesis and Homeostasis of Chloroplasts and Other Plastids', Nature Reviews Molecular Cell Biology, 14.12 (2013), 787–802 <https://doi.org/10.1038/nrm3702>

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

———, 'Self-Organization in Cell Biology: A Brief History', Nature Reviews Molecular Cell Biology, 9.3 (2008), 255–62 <https://doi.org/10.1038/nrm2357>

Knoblich, Juergen A., 'Mechanisms of Asymmetric Stem Cell Division', Cell, 132.4 (2008), 583–97 <https://doi.org/10.1016/j.cell.2008.02.007>

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

Lénárt, Péter, Christian P. Bacher, Nathalie Daigle, Arthur R. Hand, Roland Eils, Mark Terasaki, and others, 'A Contractile Nuclear Actin Network Drives Chromosome Congression in Oocytes', Nature, 436.7052 (2005), 812–18 <https://doi.org/10.1038/nature03810>

Lodish, Harvey F., Molecular Cell Biology, 8th Edition (New York: W.H. Freeman Macmillan Learning, 2016)

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

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

Marston, Adèle L., and Angelika Amon, 'Meiosis: Cell-Cycle Controls Shuffle and Deal', Nature Reviews Molecular Cell Biology, 5.12 (2004), 983–97 <https://doi.org/10.1038/nrm1526>

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

Morgan, David O., ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

———, ‘The Cell Cycle in Cancer’, in The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007), pp. 248–66

Morgan, David O, The Cell Cycle: Principles of Control (London: NSP/Oxford University Press, 2007)

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

Nurse, Paul, ‘Kohn Lecture 2010 - Cell Cycle Control | Imperial’ (Imperial College London) <http://wwwf.imperial.ac.uk/imedia/content/view/674/kohn-lecture-2010--cell-cycle-control-/>

———, ‘The Great Ideas of Biology | YouTube’ (YouTube, 2013) <https://www.youtube.com/watch?v=llPMfaz4qnA>

Scarpulla, Richard, ‘Nuclear Control of Respiratory Chain Expression by Transcriptional Activators and Coactivators | HS Talks’, The Biomedical & Life Sciences Collection (HS Talks, 2007) <https://hstalks.com/t/163/nuclear-control-of-respiratory-chain-expression-by/?biosci>

Steinkamp, John A., ‘Flow Cytometers’, in Encyclopedia of Life Sciences (Wiley Interscience, 1999) <https://doi.org/10.1038/npg.els.0002971>

Swaffer, Matthew P., Andrew W. Jones, Helen R. Flynn, Ambrosius P. Snijders, and Paul Nurse, ‘CDK Substrate Phosphorylation and Ordering the Cell Cycle’, Cell, 167.7 (2016), 1750–61 <https://doi.org/10.1016/j.cell.2016.11.034>

Tate, Sharon, and Paul Ko Ferrigno, ‘Cell Cycle: Synchronization at Various Stages’, in Encyclopedia of Life Sciences (Wiley Interscience, 1999)

<https://doi.org/10.1038/npg.els.0002570>

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

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

Tyson, John J., Kathy Chen, and Bela Novak, 'Network Dynamics and Cell Physiology', Nature Reviews Molecular Cell Biology, 2.12 (2001), 908–16 <https://doi.org/10.1038/35103078>

Tyson, John J., and Bela Novak, 'Temporal Organization of the Cell Cycle', Current Biology, 18.17 (2008), R759–68 <https://doi.org/10.1016/j.cub.2008.07.001>

Waters, Mark T, and Jane A Langdale, 'The Making of a Chloroplast', The EMBO Journal, 28.19 (2009), 2861–73 <https://doi.org/10.1038/emboj.2009.264>

Wittenberg, Curt, 'START Control in Yeast', The Biomedical & Life Sciences Collection, 2009 <https://hstalks.com/t/1253/start-control-in-yeast/?biosci>

Yeeles, Joseph T. P., Tom D. Deegan, Agnieszka Janska, Anne Early, and John F. X. Diffley, 'Regulated Eukaryotic DNA Replication Origin Firing With Purified Proteins', Nature, 519.7544 (2015), 431–35 <https://doi.org/10.1038/nature14285>