

BS2150: Applications Of Molecular Genetics In Biology

[View Online](#)

@article{Ahmad_Ashraf_Younis_Hu_Kumar_Akram_Al-Qurainy_2012, title={Role of Transgenic Plants in Agriculture and Biopharming}, volume={30}, DOI={10.1016/j.biotechadv.2011.09.006}, number={3}, journal={Biotechnology Advances}, author={Ahmad, Parvaiz and Ashraf, Muhammad and Younis, Muhammad and Hu, Xiangyang and Kumar, Ashwani and Akram, Nudrat Aisha and Al-Qurainy, F.}, year={2012}, pages={524-540} }

@article{Betts_Puttick_Clark_Williams_Donoghue_Pisani_2018, title={Integrated Genomic and Fossil Evidence Illuminates Life's Early Evolution and Eukaryote Origin}, volume={2}, DOI={10.1038/s41559-018-0644-x}, number={10}, journal={Nature Ecology & Evolution}, author={Betts, Holly C. and Puttick, Mark N. and Clark, James W. and Williams, Tom A. and Donoghue, Philip C. J. and Pisani, Davide}, year={2018}, pages={1556-1562} }

@misc{Boseley_2014, title={'First British volunteer injected with trial Ebola vaccine in Oxford' on The Guardian Website}, url={https://www.theguardian.com/society/2014/sep/17/ruth-atkins-first-british-volunteer-injected-trial-ebola-vaccine-oxford}, author={Boseley, Sarah}, year={2014} }

@book{Brown_2007a, address={New York}, edition={3rd ed}, title={Genomes 3}, publisher={Garland Science}, author={Brown, T. A.}, year={2007} }

@inbook{Brown_2007b, address={New York}, edition={3rd Edition}, title={Molecular Phylogenetics}, booktitle={Genomes 3}, publisher={Garland Science}, author={Brown, T. A.}, year={2007}, pages={609-620} }

@inbook{Brown_2007c, address={New York}, edition={3rd Edition}, title={Replication Slippage}, booktitle={Genomes 3}, publisher={Garland Science}, author={Brown, T. A.}, year={2007}, pages={511-511} }

@inbook{Brown_2007d, address={New York}, edition={3rd Edition}, title={Microarrays}, booktitle={Genomes 3}, publisher={Garland Science}, author={Brown, T. A.}, year={2007}, pages={169-175} }

@book{Brown_2018, address={New York}, edition={Fourth edition}, title={Genomes 4}, publisher={Garland Science}, author={Brown, T. A.}, year={2018} }

@article{Cai_2015, title={Sparse Whole-Genome Sequencing Identifies Two Loci for Major Depressive Disorder}, volume={523}, DOI={10.1038/nature14659}, number={7562}, journal={Nature}, author={Cai, Na}, year={2015}, pages={588-591} }

@article{Chial_2008, title={Human Genome Project: Sequencing the Human Genome | Learn Science at Scitable}, volume={1}, url={http://www.nature.com/scitable/topicpage/dna-sequencing-technologies-key-to-the-human-828}, number={1}, journal={Nature Education}, author={Chial, Heidi}, year={2008}, pages={219-219} }

@article{Chun_Byun_Lee_2011, title={Induced Pluripotent Stem Cells and Personalized Medicine: Current Progress and Future Perspectives}, volume={44}, DOI={10.5115/acb.2011.44.4.245}, number={4}, journal={Anatomy & Cell Biology}, author={Chun, Yong Soon and Byun, Kyunghee and Lee, Bonghee}, year={2011}, pages={245-255} }

@article{Daniell_Singh_Mason_Streatfield_2009a, title={Plant-Made Vaccine Antigens and Biopharmaceuticals}, volume={14}, DOI={10.1016/j.tplants.2009.09.009}, number={12}, journal={Trends in Plant Science}, author={Daniell, Henry and Singh, Nameirakpam D. and Mason, Hugh and Streatfield, Stephen J.}, year={2009}, pages={669-679} }

@article{Daniell_Singh_Mason_Streatfield_2009b, title={Plant-Made Vaccine Antigens and Biopharmaceuticals}, volume={14}, DOI={10.1016/j.tplants.2009.09.009}, number={12}, journal={Trends in Plant Science}, author={Daniell, Henry and Singh, Nameirakpam D. and Mason, Hugh and Streatfield, Stephen J.}, year={2009}, pages={669-679} }

@article{Durbin_2010, title={A Map of Human Genome Variation From Population-Scale Sequencing}, volume={467}, DOI={10.1038/nature09534}, number={7319}, journal={Nature}, author={Durbin, Richard M.}, year={2010}, pages={1061-1073} }

@article{Escors_Breckpot_2010, title={Lentiviral Vectors in Gene Therapy: Their Current Status and Future Potential}, volume={58}, DOI={10.1007/s00005-010-0063-4}, number={2}, journal={Archivum Immunologiae et Therapiae Experimentalis}, author={Escors, David and Breckpot, Karine}, year={2010}, pages={107-119} }

@article{Espinoza_Schlechter_Herrera_Torres_Serrano_Medina_Arce-Johnson_2013, title={Cisgenesis and Intragenesis: New Tools for Improving Crops}, volume={46}, DOI={10.4067/S0716-97602013000400003}, number={4}, journal={Biological Research}, author={Espinoza, C. and Schlechter, R. and Herrera, D. and Torres, E. and Serrano, A. and Medina, C. and Arce-Johnson, P.}, year={2013}, pages={323-331} }

@inbook{Freeland_Kirk_Petersen_2011a, address={Oxford}, edition={2nd Edition}, title={Predators and Prey}, booktitle={Molecular Ecology}, publisher={Wiley-Blackwell}, author={Freeland, Joanna R. and Kirk, Heather and Petersen, Stephen}, year={2011}, pages={309-313} }

@inbook{Freeland_Kirk_Petersen_2011b, address={Oxford}, edition={2nd ed., 1st impression}, title={Predators and Prey}, url={http://doi.wiley.com/10.1002/9780470979365.ch7}, DOI={10.1002/9780470979365.ch7}, booktitle={Molecular Ecology}, publisher={Wiley-Blackwell}, author={Freeland, Joanna R. and Kirk, Heather and Petersen, Stephen}, year={2011}, pages={309-313} }

@article{Gilbert_2013, title={Case Studies: A Hard Look at GM Crops}, volume={497}, DOI={10.1038/497024a}, number={7447}, journal={Nature}, author={Gilbert, Natasha}, year={2013}, pages={24-26} }

@article{Grada_Weinbrecht_2013, title={Next-Generation Sequencing: Methodology and Application}, volume={133}, url={https://www.sciencedirect.com/science/article/pii/S0022202X15363831?via%3Dihub}, DOI={10.1038/jid.2013.248}, number={8}, journal={Journal of Investigative Dermatology}, author={Grada, Ayman and Weinbrecht, Kate}, year={2013}, pages={1-4} }

@inbook{Gunn_2008, address={Oxford}, edition={2nd Edition}, title={DNA Profiling}, booktitle={Essential Forensic Biology}, publisher={Wiley-Blackwell}, author={Gunn, Alan}, year={2008}, pages={88-91} }

@article{Hoffman_Bronson_Levin_Takeda_Yokota_Baudy_Connor_2011, title={Restoring Dystrophin Expression in Duchenne Muscular Dystrophy Muscle}, volume={179}, url={https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3124804/}, DOI={10.1016/j.ajpath.2011.03.050}, number={1}, journal={The American Journal of Pathology}, author={Hoffman, Eric P. and Bronson, Abby and Levin, Arthur A. and Takeda, Shin'ichi and Yokota, Toshifumi and Baudy, Andreas R. and Connor, Edward M.}, year={2011}, pages={12-22} }

@article{Istrail_Sutton_2004, title={Whole-Genome Shotgun Assembly and Comparison of Human Genome Assemblies}, volume={101}, url={http://www.jstor.org/stable/3371370?seq=1#page_scan_tab_contents}, number={7}, journal={Proceedings of the National Academy of Sciences of the United States of America}, publisher={National Academy of Sciences}, author={Istrail, Sorin and Sutton, Granger G.}, year={2004}, pages={1916-1921} }

@misc{James_2014, title={ISAAA Report on Global Status of Biotech/GM Crops}, url={https://www.isaaa.org/resources/publications/briefs/49/pptslides/pdf/B49-Slides-English.pdf}, publisher={ISAAA International Service for the Acquisition Of Agri-biotech Applications (ISAAA) http://www.isaaa.org}, author={James, Clive}, year={2014} }

@article{Jedelský_Doležal_Rada_Pyřih_Šmíd_Hrdý_Šedinová_Marcinčíková_Voleman_Perry_et al._2011, title={The Minimal Proteome in the Reduced Mitochondrion of the Parasitic Protist Giardia intestinalis}, volume={6}, DOI={10.1371/journal.pone.0017285}, number={2}, journal={PLoS ONE}, author={Jedelský, Petr L. and Doležal, Pavel and Rada, Petr and Pyřih, Jan and Šmíd, Ondřej and Hrdý, Ivan and Šedinová, Miroslava and Marcinčíková, Michaela and Voleman, Lubomír and Perry, Andrew J. and Beltrán, Neritza Campo and Lithgow, Trevor and Tachezy, Jan}, year={2011} }

@article{Jones_Catta-Preta_Lima_Mottram_2018, title={Genetically Validated Drug Targets in Leishmania: Current Knowledge and Future Prospects}, volume={4}, url={http://eprints.whiterose.ac.uk/129477/1/acsinfecdis.7b00244.pdf}, DOI={10.1021/acsinfecdis.7b00244}, number={4}, journal={ACS Infectious Diseases}, author={Jones, Nathaniel G. and Catta-Preta, Carolina M. C. and Lima, Ana Paula C. A. and Mottram, Jeremy C.}, year={2018}, pages={467-477} }

@article{Kaltenboeck_Wang_2005, title={Advances in Real-Time PCR: Application to Clinical Laboratory Diagnostics}, volume={40}, DOI={10.1016/S0065-2423(05)40006-2}, journal={Advances in Clinical Chemistry}, publisher={Elsevier}, author={Kaltenboeck, Bernhard and Wang, Chengming}, year={2005}, pages={219-259} }

@book{Kindt_Osborne_Goldsby_Kuby_2007, address={New York}, edition={6th ed}, title={Immunology}, publisher={W. H. Freeman}, author={Kindt, Thomas J and Osborne, Barbara Anne and Goldsby, Richard A and Kuby, Janis}, year={2007} }

@article{Klee_Muskopf_Gasser_1987, title={Cloning of an Arabidopsis Thaliana Gene Encoding 5-Enolpyruvylshikimate-3-Phosphate Synthase: Sequence Analysis and Manipulation to Obtain Glyphosate-Tolerant Plants}, volume={210}, DOI={10.1007/BF00327194}, number={3}, journal={MGG Molecular & General Genetics}, author={Klee, Harry J. and Muskopf, Yvonne M. and Gasser, Charles S.}, year={1987}, pages={437-442} }

@article{Klümper_Qaim_2014, title={A Meta-Analysis of the Impacts of Genetically Modified Crops}, volume={9}, DOI={10.1371/journal.pone.0111629}, number={11}, journal={PLoS ONE}, author={Klümper, Wilhelm and Qaim, Matin}, year={2014} }

@article{Koch_2015, title={Genomics: Adding Another Dimension to Gene Regulation}, volume={16}, DOI={10.1038/nrg4007}, number={10}, journal={Nature Reviews Genetics}, author={Koch, Linda}, year={2015}, pages={563-563} }

@article{Krieger_2002, title={Trypanosomes Lacking Trypanothione Reductase Are Avirulent and Show Increased Sensitivity to Oxidative Stress}, volume={35}, DOI={10.1046/j.1365-2958.2000.01721.x}, number={3}, journal={Molecular Microbiology}, author={Krieger, S.}, year={2002}, pages={542-552} }

@article{Lander_2011, title={Initial Impact of the Sequencing of the Human Genome}, volume={470}, DOI={10.1038/nature09792}, number={7333}, journal={Nature}, author={Lander, Eric S.}, year={2011}, pages={187-197} }

@article{Leadbeater_Carruthers_Green_Rosser_Field_2011, title={Nest Inheritance Is the Missing Source of Direct Fitness in a Primitively Eusocial Insect}, volume={333}, DOI={10.1126/science.1205140}, number={6044}, journal={Science}, author={Leadbeater, E. and Carruthers, J. M. and Green, J. P. and Rosser, N. S. and Field, J.}, year={2011}, pages={874-876} }

@article{Leger_Kolisko_Kamikawa_Stairs_Kume_Čepička_Silberman_Andersson_Xu_Yabuki_et al._2017, title={Organelles That Illuminate the Origins of Trichomonas Hydrogenosomes and Giardia Mitosomes}, volume={1}, DOI={10.1038/s41559-017-0092}, number={92}, journal={Nature Ecology & Evolution}, author={Leger, Michelle M. and Kolisko, Martin and Kamikawa, Ryoma and Stairs, Courtney W. and Kume, Keitaro and Čepička, Ivan and Silberman, Jeffrey D. and Andersson, Jan O. and Xu, Feifei and Yabuki, Akinori and Eme, Laura and Zhang, Qianqian and Takishita, Kiyotaka and Inagaki, Yuji and Simpson, Alastair G. B. and Hashimoto, Tetsuo and Roger, Andrew J.}, year={2017} }

@article{Martincová_2015, title={Probing the Biology of Giardia intestinalis Mitosomes}

Using In Vivo Enzymatic Tagging [open access], volume={35}, url={<https://mcb.asm.org/content/35/16/2864.long>}, number={16}, journal={Molecular and Cellular Biology}, publisher={American Society for Microbiology Journals}, author={Martincová, Eva}, year={2015}, pages={2864-2874} }

@misc{Napier_Tocher, title={Alpha & Omega: Making Omega-3 Fish Oils in GM Camelina Plants}, publisher={BBSRC Great British Bioscience Festival (GBBF), Rothamsted Research, Institute of Aquaculture Stirling}, author={Napier, Johnathan and Tocher, Douglas} }

@book{Nicholl_2008a, address={Cambridge}, edition={3rd Edition}, title={An Introduction to Genetic Engineering}, publisher={Cambridge University Press}, author={Nicholl, Desmond S. T.}, year={2008} }

@book{Nicholl_2008b, address={Cambridge}, edition={3rd Edition}, title={An Introduction to Genetic Engineering}, url={<https://www-dawsonera-com.ezproxy01.rhul.ac.uk/abstract/9780511568053>}, publisher={Cambridge University Press}, author={Nicholl, Desmond S. T.}, year={2008} }

@book{Nussbaum_McInnes_Willard_2016, address={Philadelphia}, edition={8th Edition}, title={Thompson & Thompson Genetics in Medicine}, publisher={Elsevier}, author={Nussbaum, Robert L. and McInnes, Roderick R. and Willard, Huntington F.}, year={2016} }

@book{Nussbaum_McInnes_Willard, title={Thompson & Thompson Genetics in Medicine}, url={<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074362>}, author={Nussbaum, Robert L. and McInnes, Roderick R. and Willard, Huntington F.} }

@book{Primrose_Twyman_2006, address={Malden, Massachusetts}, edition={7th Edition}, title={Principles of Gene Manipulation and Genomics}, publisher={Blackwell}, author={Primrose, S. B. and Twyman, Richard M.}, year={2006} }

@book{Primrose_Twyman_2009, address={Hoboken}, edition={7th Edition}, title={Principles of Gene Manipulation and Genomics}, url={<https://www-dawsonera-com.ezproxy01.rhul.ac.uk/abstract/9781444309096>}, publisher={Wiley}, author={Primrose, Sandy B. and Twyman, Richard}, year={2009} }
@article{Rahman_Wong_Alvizah_Hussin_Isahak_1969, title={Influenza and Respiratory Syncytial Viruses: Efficacy of Different Diagnostic Assays}, volume={31}, url={<https://www.ncbi.nlm.nih.gov/pubmed/26430404>}, DOI={10.12669/pjms.314.7003}, number={4}, journal={Pakistan Journal of Medical Sciences}, author={Rahman, M. M. and Wong, K. K. and Alvizah, H. and Hussin, S. and Isahak, I.}, year={1969}, pages={791-794} }

@article{Regoes_Zourmanou_León-Avila_van der Giezen_Tovar_Hehl_2005, title={Protein Import, Replication, and Inheritance of a Vestigial Mitochondrion}, volume={280}, DOI={10.1074/jbc.M500787200}, number={34}, journal={Journal of Biological Chemistry}, author={Regoes, Attila and Zourmanou, Danai and León-Avila, Gloria and van der Giezen, Mark and Tovar, Jorge and Hehl, Adrian B.}, year={2005}, pages={30557-30563} }

@inbook{Rowe_Sweet_Beebee_2017a, address={Oxford}, edition={Third edition}, title={Mutation Rates}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@inbook{Rowe_Sweet_Beebee_2017b, address={Oxford}, edition={Third edition}, title={Microsatellites}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@inbook{Rowe_Sweet_Beebee_2017c, address={Oxford}, edition={Third edition}, title={Identifying Relatives in Behavioural Ecology}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@inbook{Rowe_Sweet_Beebee_2017d, address={Oxford}, edition={Third edition}, title={Assignment Tests}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@inbook{Rowe_Sweet_Beebee_2017e, address={Oxford}, edition={Third edition}, title={DNA Barcoding}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@inbook{Rowe_Sweet_Beebee_2017f, address={Oxford}, edition={Third edition}, title={Prey ID}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor}, year={2017} }

@book{Rowe_Sweet_Beebee_2017g, address={Oxford}, edition={3rd Edition}, title={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Beebee, Trevor J. C.}, year={2017} }

@inbook{Rowe_Sweet_Sweet_2017, address={Oxford}, edition={Third edition}, title={mtDNA and rRNA}, booktitle={An Introduction to Molecular Ecology}, publisher={Oxford University Press}, author={Rowe, Graham and Sweet, Michael and Sweet, Trecor}, year={2017} }

@misc{Sadanand_2011, title={Vaccination: The Present and the Future}, volume={84}, url={https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3238332/}, number={4}, journal={Yale Journal Of Biology And Medicine}, author={Sadanand, Saheli}, year={2011}, pages={353-359} }

@article{Schlott_Holder_Tate_2018, title={Myristoylation as a Drug Target in Malaria: Exploring the Role of -Myristoyltransferase Substrates in the Inhibitor Mode of Action}, volume={4}, url={https://pubs.acs.org/doi/abs/10.1021/acsinfecdis.7b00203}, DOI={10.1021/acsinfecdis.7b00203}, number={4}, journal={ACS Infectious Diseases}, author={Schlott, Anja C. and Holder, Anthony A. and Tate, Edward W.}, year={2018}, pages={449-457} }

@article{Schouten_Krens_Jacobsen_2006, title={Cisgenic Plants Are Similar to Traditionally Bred Plants: International Regulations for Genetically Modified Organisms Should Be Altered to Exempt Cisgenesis}, volume={7}, DOI={10.1038/sj.embor.7400769}, number={8}, journal={EMBO reports}, author={Schouten, Henk J. and Krens, Frans A. and Jacobsen, Evert}, year={2006}, pages={750-753} }

@article{Serruto_Rappuoli_2006, title={Post-Genomic Vaccine Development}, volume={580}, DOI={10.1016/j.febslet.2006.04.084}, number={12}, journal={FEBS Letters}, author={Serruto, Davide and Rappuoli, Rino}, year={2006}, pages={2985-2992} }

@article{Slatkin_2008, title={Linkage Disequilibrium - Understanding the Evolutionary Past and Mapping the Medical Future}, volume={9}, DOI={10.1038/nrg2361}, number={6}, journal={Nature Reviews Genetics}, author={Slatkin, Montgomery}, year={2008}, pages={477-485} }

@article{Small_Ertl_2011a, title={Viruses - From Pathogens to Vaccine Carriers}, volume={1}, DOI={10.1016/j.coviro.2011.07.009}, number={4}, journal={Current Opinion in Virology}, author={Small, Juliana C. and Ertl, Hildegund C. J.}, year={2011}, pages={241-245} }

@article{Small_Ertl_2011b, title={Viruses From Pathogens to Vaccine Carriers}, volume={1}, DOI={10.1016/j.coviro.2011.07.009}, number={4}, journal={Current Opinion in Virology}, author={Small, Juliana C. and Ertl, Hildegund C. J.}, year={2011}, pages={241-245} }

@book{Strachan_Read_Strachan_2011a, address={New York}, edition={4th Edition}, title={Human Molecular Genetics}, publisher={Garland Science}, author={Strachan, T. and Read, Andrew P. and Strachan, Tom}, year={2011} }

@inbook{Strachan_Read_Strachan_2011b, address={New York}, edition={4th Edition}, title={Genetic Mapping of Mendelian Characters}, booktitle={Human Molecular Genetics}, publisher={Garland Science}, author={Strachan, T. and Read, Andrew P. and Strachan, Tom}, year={2011}, pages={441-467} }

@inbook{Strachan_Read_Strachan_2011c, address={New York}, edition={4th Edition}, title={Mapping Genes Conferring Susceptibility to Complex Diseases}, booktitle={Human Molecular Genetics}, publisher={Garland Science}, author={Strachan, T. and Read, Andrew P. and Strachan, Tom}, year={2011}, pages={467-493} }

@inbook{Strachan_Read_Strachan_2011d, address={New York}, edition={4th Edition}, title={Identifying Human Disease Genes and Susceptibility Factors}, booktitle={Human Molecular Genetics}, publisher={Garland Science}, author={Strachan, T. and Read, Andrew P. and Strachan, Tom}, year={2011}, pages={497-536} }

@inbook{Strachan_Read_Strachan_2011e, address={New York}, edition={4th Edition}, title={Genetic Approaches to Treating Disease}, booktitle={Human Molecular Genetics}, publisher={Garland Science}, author={Strachan, T. and Read, Andrew P. and Strachan, Tom}, year={2011}, pages={677-718} }

@article{Tovar_Fischer_Clark_1999, title={The Mitosome, a Novel Organelle Related to Mitochondria in the Amitochondrial Parasite *Entamoeba Histolytica*}, volume={32}, DOI={10.1046/j.1365-2958.1999.01414.x}, number={5}, journal={Molecular Microbiology}, author={Tovar, Jorge and Fischer, Anke and Clark, C. Graham}, year={1999}, pages={1013-1021} }

@article{Tovar_Wilkinson_Mottram_Fairlamb_1998, title={Evidence That Trypanothione Reductase Is an Essential Enzyme in *Leishmania* by Targeted Replacement of the Tryα Gene Locus}, volume={29}, DOI={10.1046/j.1365-2958.1998.00968.x}, number={2}, journal={Molecular Microbiology}, author={Tovar, Jorge and Wilkinson, Shane and Mottram, Jeremy C. and Fairlamb, Alan H.}, year={1998}, pages={653-660} }

@article{Urwin_Maiden_2003, title={Multi-Locus Sequence Typing: A Tool for Global Epidemiology}, volume={11}, DOI={10.1016/j.tim.2003.08.006}, number={10}, journal={Trends in Microbiology}, author={Urwin, Rachel and Maiden, Martin C.J.}, year={2003}, pages={479-487} }

@article{Venter_2001, title={The Sequence of the Human Genome}, volume={291}, DOI={10.1126/science.1058040}, number={5507}, journal={Science}, author={Venter, J. C.}, year={2001}, pages={1304-1351} }

@article{Voleman_2017, title={Giardia Intestinalis Mitosomes Undergo Synchronized Fission but Not Fusion and Are Constitutively Associated With the Endoplasmic Reticulum}, volume={15}, DOI={10.1186/s12915-017-0361-y}, number={1}, journal={BMC Biology}, author={Voleman, Luboš}, year={2017} }

@article{Wang_Gerstein_Snyder_2009a, title={RNA-Seq: A Revolutionary Tool for Transcriptomics}, volume={10}, DOI={10.1038/nrg2484}, number={1}, journal={Nature Reviews Genetics}, author={Wang, Zhong and Gerstein, Mark and Snyder, Michael}, year={2009}, pages={57-63} }

@article{Wang_Gerstein_Snyder_2009b, title={RNA-seq: A Revolutionary Tool for Transcriptomics}, volume={10}, DOI={10.1038/nrg2484}, number={1}, journal={Nature Reviews Genetics}, author={Wang, Zhong and Gerstein, Mark and Snyder, Michael}, year={2009}, pages={57-63} }

@article{Williamson_Allen_Lorenzi_Fadrosh_Brami_Thiagarajan_McCrow_Tovchigrechko_Yooseph_Venter_2012, title={Metagenomic Exploration of Viruses Throughout the Indian Ocean}, volume={7}, DOI={10.1371/journal.pone.0042047}, number={10}, journal={PLoS ONE}, author={Williamson, Shannon J. and Allen, Lisa Zeigler and Lorenzi, Hernan A. and Fadrosh, Douglas W. and Brami, Daniel and Thiagarajan, Mathangi and McCrow, John P. and Tovchigrechko, Andrey and Yooseph, Shibu and Venter, J. Craig}, year={2012} }

@article{Wright_2014, title={Validation of N-Myristoyltransferase as an Antimalarial Drug Target Using an Integrated Chemical Biology Approach}, volume={6}, DOI={10.1038/nchem.1830}, number={2}, journal={Nature Chemistry}, author={Wright, Megan H.}, year={2014}, pages={112-121} }

@misc{Human Genome Announcement at the White House_2000,

url={<https://www.youtube.com/watch?v=sIRyGLmt3qc>} , year={2000} }

@article{Erratum: Initial Sequencing and Analysis of the Human Genome_2001, volume={411}, DOI={10.1038/35079657}, number={6838}, journal={Nature}, year={2001}, pages={720-720} }

@misc{The Pyrosequencing Reaction Cascade System_2014, url={<https://www.youtube.com/watch?v=bNKEhOGvcal>} , year={2014} }

@misc{Recent Debate on GMOs | Standard Media_2015, url={<http://www.standardmedia.co.ke/ktnhome/video/watch/2000097876/the-gmo-debate-continues>} , year={2015} }

@misc{UCSC Genome Browser Home, url={<https://genome.ucsc.edu/>} }

@misc{EMBL-EBI Gene Ensembl, url={<http://www.ensembl.org/index.html>} }

@misc{Home - Genome - NCBI, url={<http://www.ncbi.nlm.nih.gov/genome/>} }

@misc{OMIM - Online Mendelian Inheritance in Man, url={<http://www.omim.org/>} }

@misc{Pyrosequencing Technology and Platform Overview - QIAGEN, url={<https://www.qiagen.com/gb/resources/technologies/pyrosequencing-resource-center/technology-overview/>} }

@misc{International Service for the Acquisition of Agri-biotech Applications, url={<http://www.isaaa.org/>} }

@misc{The Golden Rice Project, url={<http://www.goldenrice.org/>} }

@misc{GMWatch Home, url={<http://gmwatch.org/>} }

@misc{Greenpeace UK, url={<http://www.greenpeace.org.uk/>} }

@misc{Soil Association, url={<https://www.soilassociation.org/>} }

@misc{Anti-GMO Groups - United States | GMO Awareness, url={<https://gmo-awareness.com/resources/anti-gmo-groups-america/>} }

@misc{Say NO to GM - Alliance for Natural Health International, url={<http://anhinternational.org/campaign/say-no-to-gm/>} }

@misc{The Future of Food, url={<http://www.thefutureoffood.com/About.html>} }

@misc{Guidance for Clinicians on the Use of RT-PCR and Other Molecular Assays for Diagnosis of Influenza Virus Infection | Health Professionals | Seasonal Influenza (Flu), url={<http://www.cdc.gov/flu/professionals/diagnosis/molecular-assays.htm>} }

@misc{What Are Genome-Wide Association Studies? - Genetics Home Reference, url={<https://ghr.nlm.nih.gov/primer/genomicresearch/gwastudies>} }

@misc{The Genetics of Society | The Scientist Magazine,
url={<http://www.the-scientist.com/?articles.view/articleNo/41704/title/The-Genetics-of-Society/>} }

@misc{'Different Types of Vaccines' on History of Vaccines Website,
url={<http://www.historyofvaccines.org/content/articles/different-types-vaccines>} }

@misc{'Types of Vaccines' on History of Vaccines Website,
url={<http://www.historyofvaccines.org/content/types-vaccines>} }

@misc{'The Human Immune System and Infectious Disease' on History of Vaccines Website,
url={<http://www.historyofvaccines.org/content/articles/human-immune-system-and-infectious-disease>} }

@misc{'The Future of Immunization' on History of Vaccines Webvsite,
url={<http://www.historyofvaccines.org/content/articles/future-immunization>} }

@misc{'The Development of HIV Vaccines' on History of Vaccines Website,
url={<http://www.historyofvaccines.org/content/articles/development-hiv-vaccines>} }