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Assignment Five
May 2, 2007

NONFICTION BOOKS

McClellan, M. *Organ and tissue transplants: medical miracles and challenges*. Enslow Pubs., 2003.
978-0-7660-1943-0 \$19.95 Gr.7+ 128 p.

Horn Book Guide. (October 1, 2003).

McClellan, Marilyn. *School Library Journal*. 49, no. 5 (2003): 174.

This book discusses many aspects of organ transplants, such as the history and medial, ethical, and financial implications. It seems to give a good overview of the process as well as more specific things that are involved in organ transplants.

Yount, L. *Biotechnology and genetic engineering*. New York: Facts on File, 2004.
978-0-8160-5059-8 \$45.00 Gr. 9+ 320 p.

Leslie, Roger. *Booklist*. 96, no. 21 (2000): 2034.

Ostergard, Maren. *School Library Journal*. 51, no. 2 (2005): 86.

This book covers much of the general issues concerning genetic engineering—social, legal and ethical issues; health and safety; receiving patents for living cells, tissues, and genes; DNA and genetic testing; genetic discrimination; and the alteration of human genes. Facts on File usually provides good resources and should be a good reference source for students researching issues dealing with genetics.

Le Vine, Harry. *Genetic Engineering*. Santa Barbara, CA: ABC-CLIO, Inc., 2006.
978-1-85109-860-6. \$55.00. 344p.

SciTech Book News. 31, no. 1 (2007).

Shrode, F.G. *Choice*. (2007).

Genetic engineering is such an encompassing topic, but this book describes the history, technology, and controversy that surround it. Students doing research should have as many views on these controversial topics as can be provided. This is an updated edition.

Snedden, Robert. *DNA and Genetic Engineering*. Chicago: Heinemann Library, 2003.
978-1-58810-936-1 \$27.86 Gr. 6+ 48p.

Horn Book Guide. (April 1, 2003).

Snedden, Robert. *School Library Journal*. 49, no. 1 (2003): 171.

This book seems to take more of the scientific view of genetics, focusing on the structure and function of cells. The other books included on this topic veer more to the social impact of genetic research while this is more geared toward science students. Although the suggested grade range is toward the younger side, given the complexity of the subject, it hardly seems out of place to include this book, which seems to explain things in an easy-to-understand manner with outstanding graphics.

Goodnough, D. *The debate over human cloning: a pro/con issue*. Berkeley Heights, NJ: Enslow Pubs., 2003.
978-0-7660-1818-1 \$20.95 Gr.9+ 64p.

(Horn Book Guide 10/1/03)

Jones, Trevelyn E. *School Library Journal*. 49, no. 4 (2003): 182.

Cloning is such a widely disputed topic, so having a book that gives the pros and cons would be beneficial. The book is divided in such a way as to simply discuss the many different aspects of cloning including the history, arguments for and against, and the technology utilized.

Marzilli, A. *Stem cell research and cloning*. New York: Chelsea House, 2006.
978-0-7910-9230-9 \$32.95 Gr. 9+ 174p.

Rochman, Hazel. *Booklist*. 103, no. 12 (2007): 71.

Given the current uproar in the United States about stem cell research, this recently published book would be a good resource for students wanting to know more about the issue. It provides arguments for and against all sides in the scientific, religious, and ethical debate over this issue.

Panno, Joseph. *Stem Cell Research: Medical Applications and Ethical Controversy*. New York: Facts on File, Inc., 2004.
987-0-8160-4949-1 \$35.00 Gr. 8+ 192p.

Rochman, Hazel. *Booklist*. 101, no. 9/10 (2005): 841.

Panno, Joseph. *Gene Therapy: Treating Disease by Repairing Genes*. New York: Facts on File, Inc., 2004.
978-0-8160-4948-6 \$35.00 Gr. 8+ 172p.

Panno, Joseph. *Animal Cloning: The Science of Nuclear Transfer*. New York: Facts on File, Inc., 2004.
978-0-8160-4947-9 \$35.00 Gr. 8+ 176p.

Peters, John. *School Library Journal*. 51, no. 2 (2005): 84.
(Mentions entire series.)

These three books are from the Facts on File Science Library and cover a variety of subjects within the genomics topic. The entire series seems to be a good purchase, but the three that we pulled out best fill the topic; although they are part of a series, they can be used alone. The books use references that would appeal to students and deal with the ethical issues involved in the topics.

FICTION BOOKS

Vaughan, Brian, Pia Guerra and Jose Marzan Jr. *Y: The Last Man – Unmanned*. New York: DC Comics, 2003.
978-1-56389-980-5. \$12.95. Gr. 9+ 128p.

Raiteri, Steve. *Library Journal*. 128, no. 8 (2003): 100.

Flagg, Gordon. *Booklist*. 99, no. 11 (2003): 970.

This graphic novel follows Yorick Brown on his search to find a cloning researcher in order to figure out why a mysterious plague that killed every other man on earth spared his life. The premise of this graphic novel features genetics and cloning in an exciting setting that should appeal to comic book readers.

Cave, Patrick. *Sharp North*. New York: Simon & Schuster Children's Publishing, 2006.
978-1-4169-12222-4. \$16.95. Gr. 8+ 528p.

Herald, Diana. *Booklist*. 102, no. 18 (2006): 53.

Saecker, Tasha. *School Library Journal*. 52, no. 7 (2006): 98.

This science fiction novel is set in an icy Great Britain of the future, and centers around Mira's search of all she can find about an illegal cloning program by one of the country's upper-class families. This novel seems to feature much adventure and action in a science fiction setting centering on cloning.

Farmer, Nancy. *The House of the Scorpion*. New York: Simon & Schuster Children's Publishing, 2004.
978-0-689-85223-7. \$8.99. Gr. 7+ 416p.

Estes, Sally. *Booklist*. 99, no. 2 (2002): 232.

Rogers, Susan L. *School Library Journal*. 48, no. 9 (2002): 224.

In this futuristic novel set in Central America, a drug lord clones his own body parts and full copies of himself in order to live longer. The reader follows Matt, a clone of this drug lord, as he tries to escape his fate. This novel touches on the ethical and political aspects of cloning while providing an exciting story.

Crichton, Michael. *Next*. New York: HarperCollins, 2006.
978-0-06-087298-4 \$27.95 Gr. 11+ 431p.

Carlson, Joseph. *Library Journal*. 132, no. 5 (2007): 102.

Publishers Weekly. 254, no. 9 (2007): 84.

For students with an advanced interest in genetics (and perhaps advanced reading level), this book will bring the DNA research discussed in *Jurassic Park* closer to home, with this tale of genetic engineering, genetic tampering, gene experiments, and stem cell research.

Horowitz, Anthony. *Point Blank*. East Rutherford, NJ: Penguin Group (USA) Incorporated, 2006.
978-0-14-240612-0. \$7.99. Gr. 6+. 304p.

Franklin, Jean. *Booklist*. 98, no. 15 (2002): 1319.

Carlson, Kim. *School Library Journal*. 48, no. 3 (2002): 232.

This is the second book of the Alex Rider Adventure series and features spying, technological gadgets, adventures, and thrills. Teens will follow Alex on his undercover mission at a boarding school where there's a doctor who has a sinister plan that involves cloning students.

Crichton, Michael. *Jurassic Park*. New York: Ballantine Books, 1991.
978-0-06-087298-4 \$27.95 Gr. 10+ 399p.

Spencer, Pam. *School Library Journal*. 37, no. 3 (1991): 226.

Steinberg, S. *Publishers Weekly*. 237, no. 30 (1990): 210.

With the movie familiar to most teens, we hope that the book will hold the same appeal. This book has genetic research, DNA cloning, and dinosaurs—how great is that?

ELECTRONIC

Genetics and Evolution. Cambridge Educational Productions Staff. Lawrenceville, NJ: Films Media Group, 2005. DVD.
978-1-4213-0150-1. \$89.95.

Karasik, Joan. *School Library Journal*. 51, no. 8 (2005): 61.

This DVD relates genetic diversity to evolution as well as helps students to understand how genomics relates to various disciplines, such as agriculture, the environment, and forensic science.

Discover Magazine: Genetics. Silver Spring, MD: Discovery Communications, 2004.
978-1-58738-959-7. \$69.95. DVD

Thomas, Dwain. *School Library Journal*. 50, no. 12 (2004): 68-9.

This DVD examines the role of genetic research and the benefits of DNA research through clear graphics and at an easy-to-follow pace. It also discusses the Human Genome Project. The discussion of these topics in this video should complement the printed materials listed above.

Office of Biological and Environmental Research. "DOE Genomics: GTL: Systems Biology for Energy and Environment." U.S. Department of Energy Office of Science. <http://genomics.energy.gov> (accessed May 1, 2007).

We couldn't find any review sources for this web site, but it is a government web site and one of its main links is to the Human Genome Project, which is referenced on RUSA's Best Free Reference Web Sites Combined Index (<http://www.ala.org/ala/rusa/rusaourassoc/rusasections/mars/marspubs/MARSBESTIndex.htm>). The Human Genome Program is a project of the U.S. Department of Energy Office of Science, so we decided to use the main site of the Department of Energy to include on this list because it includes this plus so much more to aid students in their research of genomics. Additionally, it is set up in an easier to use way than the actual Human Genome Project site (http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml).