

References and Resources

STUDENT RESOURCES

Cell Division & Genetics

Robert Snedden. Heinemann, 2002.

Francis Crick and James Watson: Pioneers in DNA Research

John Bankston. Mitchell Lane, 2002.

Gene Machines

Fran Balkwill. Cold Spring Harbor Laboratory Press, 2002.

Genes and DNA

Richard Walker. Kingfisher, 2003.

Genetics: The Study of Heredity

Ian Graham. Gareth Stevens, 2002.

Have a Nice DNA

Fran Balkwill. Cold Spring Harbor Laboratory Press, 2002.

The Human Genome Project

James Toriello. Rosen, 2002.

Ingenious Genes: Learning about the Fantastic Skills of Genetic Engineers and Watching Them at Work (Microexplorers Series)

Patrick A. Baeuerle and Norbert Landa. Barron's Educational Series, 1998.

Life (Eyewitness Book Series)

David Burnie. DK Publishing, 1999.

Plant and Animal Cells: Understanding the Differences Between Plant and Animal Cells

Judy Yablonski. Rosen, 2004.

Plant Clones

Elaine Pascoe. Blackbirch, 2003.

Rosalind Franklin

Cath Senker. Raintree, 2002.

The Treasure of Inheritance

Roy A. Gallant. Marshall Cavendish, 2002.

TEACHER RESOURCES

Francis Crick & James Watson And The Building Blocks of Life

Edward Edelson. Oxford University Press, 2000.

How the Human Genome Works

Edwin H. McConkey. Jones and Bartlett, 2004.

Mutants, Clones, and Killer Corn: Unlocking the Secrets of Biotechnology

Samantha Seiple and Todd Seiple. Lerner, 2005.

Science Concepts: Cells

Alvin Silverstein, et al. Twenty-First Century Books, 2002.

INTERNET RESOURCES

*Preview websites ahead of time to determine whether they are appropriate for your students' needs. You may also wish to research other related websites. A good place to start is the **National Science Teachers Association** website:
<http://www.nsta.org/recommendedsites>.*

DNA from the Beginning: An animated primer on the basics of DNA, genes, and heredity
<http://www.dnaftb.org/dnaftb/>

Gregor Mendel's 1865 paper "Experiments in Plant Hybridization"
<http://www.mendelweb.org/>

Human Genome Project

http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml

National Center for Biotechnology Information

<http://www.ncbi.nlm.nih.gov/Education/>

National Human Genome Research Institute

<http://www.genome.gov/Education/>

The Nobel Prize in Physiology or Medicine

<http://nobelprize.org/medicine/>

**NOVA: Secret of Photo 51
Rosalind Franklin's image of DNA**

<http://www.pbs.org/wgbh/nova/photo51/>

**U.S. Department of Agriculture: Agricultural
Biotechnology**

<http://www.usda.gov/agencies/biotech/>

**Watson and Crick's 1953 paper "Molecular
structure of Nucleic Acids"**

<http://www.nature.com/genomics/human/watson-crick/>