

Best Biotech Web Sites

(or at least a huge list of sites that might be of interest)

Listed below are some web sites that I use for instruction in my biotechnology class:

1. <http://gslc.genetics.utah.edu/> Genetics Science Learning Center

Great web site; stem cell info; gel electrophoresis simulation; genetic disorder section; gene therapy; cloning

2. <http://www.thinkwell.com/> Thinkwell

Use left menu select "biology", then left menu again for "animations"; Good animations and explanations of transcription, translation, DNA replication, enzyme action and others

3. <http://www.colostate.edu/programs/lifesciences/TransgenicCrops/index.html>

Colorado State University

Information of transgenic crops; hot topics include: terminator genes, monarch butterfly, starlink; also has useful links, teacher resources, history of plant breeding

4. <http://www.pbs.org/nova/genome> PBS companion website for "Nova: Cracking the Code of Life"

Survey section; DNA sequencing activity; "Explore a stretch of code" activity; watch clips of the video; classroom resources; interviews with scientists

5. <http://www.pbs.org/nova/harvest> PBS companion website for "Frontline: Harvest of Fear"

Sections on "Should we grow GM crops"; viewpoints from various people regarding gm foods; interactive "Engineer a Crop"

6. <http://www.pbs.org/wnet/dna/> PBS companion website for "DNA"

Great info from past to present; "Hot Science" sections; "Special Reports" and a place to watch video clips.

7. <http://www.dnalc.org/> DNA Learning Center (Cold Spring Harbor)

Animations, DNA From the Beginning series, Eugenics info, Your Genes Your Health

These are just a few that I use frequently. On the second page, I have a list of web sites that I had my students review (the "star rating" system...0 (not helpful) to 5 (AMAZING!)). They also wrote comments about each web site.

Hope this helps! And please feel free to e-mail me with your own favorites.