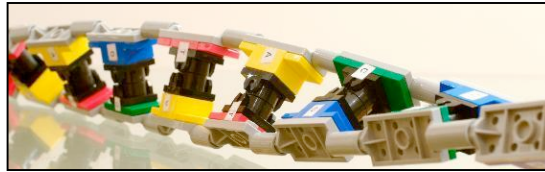


# Follow Up Info about DNA

## Cell Biology Workshop for Nurses



### 1. Reviewing the molecular steps in "How DNA makes Proteins"

To view some super animations, select the following buttons on the page:

- 1) "Copying the Code" and "Putting it all together"
- 2) "Reading the Code" and "Putting it all together"

<http://www.dnai.org/a/index.html>

### 2. Reviewing the molecular basis of Cystic Fibrosis (CF)

For a review of the molecular basis of CF, select the first two sections on this page:

- 1) What is it?
- 2) What causes it?

<http://www.ygyh.org/cf/whatisit.htm>

### 3. Examples of drugs and proteins in the cell

To apply your knowledge about proteins, read about two kinds of drugs:

[http://www.insidecancer.org/index.html?s=C\\_3\\_0](http://www.insidecancer.org/index.html?s=C_3_0)

- 1) Select "targeted activators" A drug can be a small molecule. (Gleevec™) The small molecule blocks the activity of an overabundant signaling protein.
- 2) Select "blocking receptors" A drug can be an antibody. (Herceptin®) The antibody binds to an overabundant cell membrane protein.

### 4. Reviewing the LEGO steps from the workshop on "How DNA makes Proteins." Here are four animations with LEGO:

<http://techtv.mit.edu/search?q=LEGO+DNA+&x=43&y=13>

These include 2 Transcription videos and 2 Translation videos. One version has hands showing each step and other has LEGO nucleotides moving like magic!