Additional Resources on Reproductive Systems

For the ELISA lab that goes with the Saturday Academy Female Infertility ELISA Graphs and Explanations, go to <u>www.nubio.northwestern.edu</u>, then to the Labs tab at the top, then to the lab called 28 Days Later. There is also an ELISA lab on male hormones called You've Got Male. To obtain access to the Teacher's Preparation Guide, you will need to register (top right corner).

For an excellent Glossary of Reproductive Medical terms, go to

<u>http://www.excemed.org/en/institutional-site.html</u>, click on Specialist Areas at the top of the page and scroll down to and click on Reproductive Medicine, then go to Educational Resources at the top of the new page and scroll down to and click on Glossary.

For an Immunology Virtual Lab from Howard Hughes Medical Institute, go to <u>http://media.hhmi.org/biointeractive/vlabs/immunology/index.html</u> where students can watch and interact with the process of ELISA as it is being done. The ELISA being done is to test for Systemic Lupus Erythematosus (SLE) antibodies in three patients.

Excellent interview about the Y chromosome with Dr. David Page, biologist who directs the Whitehead Institute in Cambridge, Massachusetts, on "New DNA sequencing data reinforce the notion that the X and Y chromosomes, which determine biological sex in mammals, are locked in an evolutionary battle for supremacy" <u>http://pagelab.wi.mit.edu/pdf/2015_SSR.pdf</u>

For reproduction classes taught to freshmen at Northwestern University by Dr. Teresa Woodruff, go to <u>https://www.coursera.org/learn/reproductive-health</u> The courses are free for you to use and only require your name, email address, and password of choice to access them. For a preview, go to <u>http://chicagotonight.wttw.com/2015/09/28/let-s-talk-about-sex-3-d-animation</u> to see an interview with Dr. Woodruff about the courses.



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