

The Genetics of Sex

Web References and Research

By Patty Sidelsky, Cherokee High School, Marlton, NJ

Sex Determination

The Genetics Of Sex

1. What scientific method is used to determine the TDF factor in mice?

<http://zygote.swarthmore.edu/sex2.html>

2. Autosomal sex determination in the mouse

<http://zygote.swarthmore.edu/sex3.html>

3. Sex determination in *Drosophila melanogaster*

<http://zygote.swarthmore.edu/sex6.html>

4. Sex determination by infection

<http://zygote.swarthmore.edu/sex9.html>

5. Sex determination in hymenoptera

<http://www.sccs.swarthmore.edu/users/99/mahowald/hymenoptera.html>

6. What factors influence the development of sex in Cichlid fishes?

<http://www.petsforum.com/cichlidroom/articles/a100.html>

7. How does temperature affect the determination of sex in turtles?

<http://157.98.13.103/docs/1995/Suppl-7/crews.html>

8. There is something fishy going on protogynous hermaphrodites in fish.

<http://www.petsforum.com/cichlidroom/articles/a091.html>

9. Wrasses are sequential hermaphrodites. Explain the sex life of wrasses.

<http://www.seaworld.org/infobooks/BonyFish/reproduction.html>

10. Intersex and indefinite sex determination in humans

<http://www.isna.org/faq/>

11. The study of worms and sex (*C. elegans*)

http://exploration.vanderbilt.edu/news/news_worm_contraception.htm

12. X counting in the determination of worm sex

<http://www.hhmi.org/news/meyer.html>

13. Hope for male infertility

<http://www.hhmi.org/news/meyer.html>

14. Pseudohermaphroditism

http://matweb.hcuge.ch/endo/cours_4e_MREG/Pseudohermaphrodismes_liens.htm

15. Female pseudohermaphroditism

<http://www.fpnotebook.com/END157.htm>

16. Male pseudohermaphroditism

<http://www.fpnotebook.com/END157.htm>

17. Sex determination summary

<http://fp.bio.utk.edu/genetics/lecture/study09.htm>

<http://www.cod.edu/people/faculty/fancher/MaterSex.htm>

<http://www.biol.andrews.edu/gen/l7.htm>

18. Plasticity and sex

<http://www.sicb.org/meetings/2003/symposia/physiologyofplasticity.php3>

19. The Enigma of sex determination in reptiles

<http://coloherp.org/cb-news/cbn-0009/TurtleSex.html>

Y chromosomes

http://www.infobiogen.fr/services/chromcancer/Indexbychrom/idx_Y.html

disorders with the Y

<http://www.bioscience.org/urllists/chromos.htm>

Human and mouse homology of the chromosomes

<http://www-ermm.cbcu.cam.ac.uk/01002319h.htm>

The role of the Y chromosome in mice and men