

CHAPTER 16	Thought Lab 16.1: Nondisjunction Syndromes	BLM 16.3.12
HANDOUT		

Purpose: Choose one syndrome that you have not read about, conduct research about it and present your findings.

Syndrome	Sex	Chromosomes
Down	M or F	trisomy 21
Patau	M or F	trisomy 13
Edward	M or F	trisomy 18
Turner	F	XO
Triplo-X	F	XXX (or XXXX)
Klinefelter	M	XXY (or XXXY)
Jacobs	M	XYY

Analysis

1. What is the frequency of the syndrome you studied?
2. How does the syndrome occur?
3. Describe the technologies that are used to diagnose the syndrome. What, if any, treatments are there? What is involved in the treatment?