

GENETIC DISORDERS RESEARCH PROJECT- DUE TUESDAY 1/10/18

You will choose ONE genetic disorder to find out about FROM EACH CATEGORY BELOW:

AUTOSOMAL RECESSIVE

AUTOSOMAL DOMINANT

X-LINKED RECESSIVE

NONDISJUNCTION

AUTOSOMAL CODOMINANT-Sickle cell anemia

Create a Powerpoint, Prezi, or Wiki with the following information about the disorder.

Include a bibliography page for sources.

- Name of disorder
- How is it inherited? (Autosomal, X-linked, recessive, dominant, codominant, nondisjunction)
- What genetic changes cause this? (deletion, duplication, substitution, etc)
- What are the characteristics of this disorder?
- What is changed at the cellular level? (broken transporter, missing clotting proteins, etc)
- How common is it? What is the frequency that this disorder appears?
- Is there a group/sex in which this disorder appears more frequently?
- What treatment (if any) is available to persons with this disorder?

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