



# GenomeConnect

## Winter 2018 Newsletter

### Table of Contents

**1 Timeline of Genetics**  
Read about some of the key events in the history of genetics from Gregor Mendel's peas to the discovery of the DNA double helix!

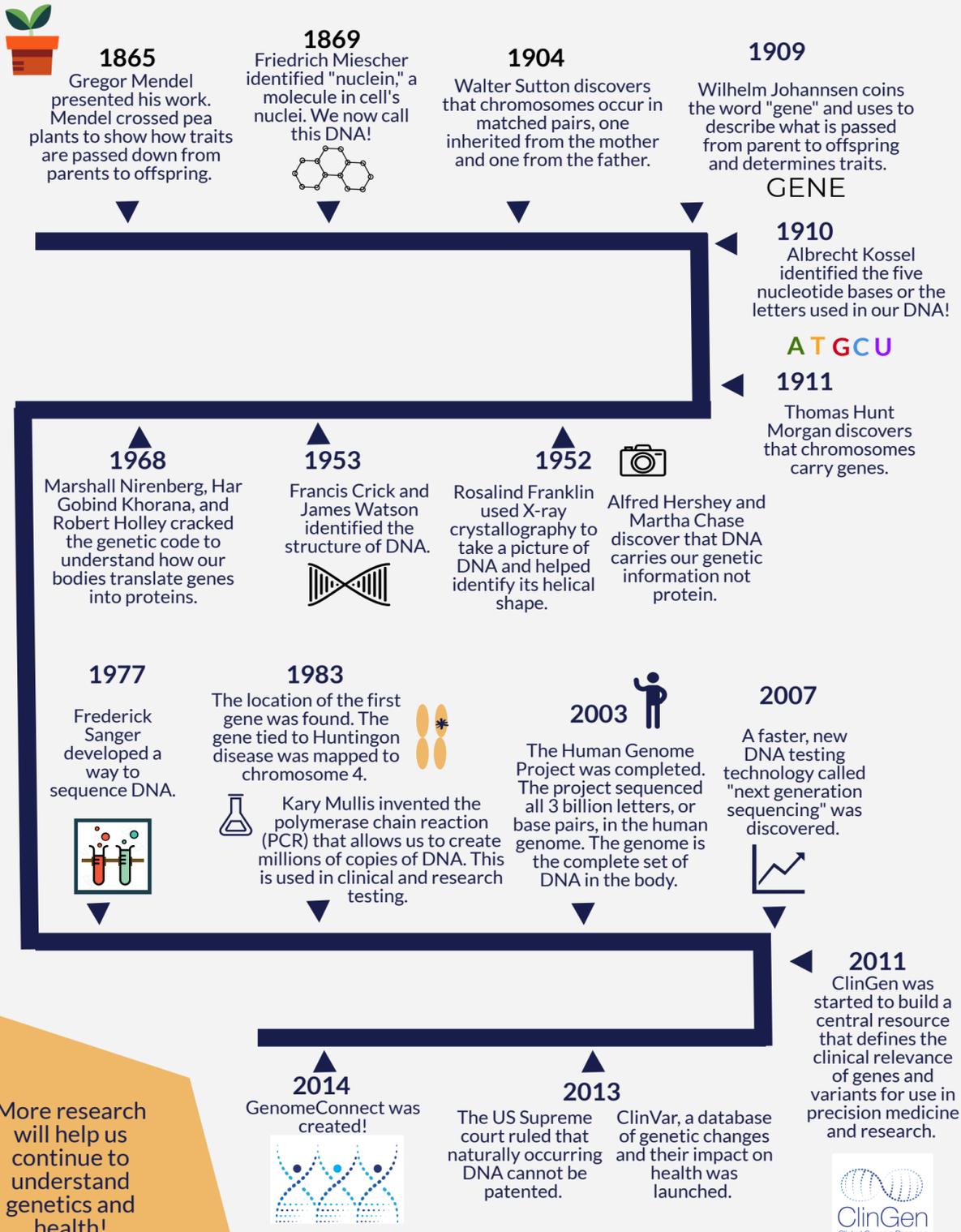
**2 Update your preferences**  
We still need 61% of GenomeConnect participants to update their account preferences and tell us if they would like to receive updates about their genetic test results!

**3 Ask our Genetic Counselors**  
What is the difference between the exome and genome?



## Timeline of Genetics

Here are some key events in the history of genetics. To read more visit <http://bit.ly/2kyZ31k>



More research will help us continue to understand genetics and health!



## Update your Preferences

By sharing your genetic and health information, GenomeConnect may learn if there is a potential update to your genetic testing results. You might have noticed that your genetic test results list one or more genetic changes, each with an "interpretation" (what the laboratory thought each change meant in terms of health). Over time, as we learn more and more about genetic changes, interpretations may change.

We want to be sure we know your preferences. Please update your contact and sharing preferences to let us know if you would like to receive these updates.

### To Update:

Please update your contact and sharing preferences to let us know if you would like to receive these updates. Go to the GenomeConnect homepage and login. Then click "Update" under "Account Information." Scroll down to "Contact and Sharing Preferences" and update your answers.

If you are having trouble updating your account, you also can email your preferences to the GenomeConnect team and we will update your preferences for you. Email us at [info@genomeconnect.org](mailto:info@genomeconnect.org)

## Ask our Genetic Counselors

### What is the difference between your genome and your exome?

Your genome is the entirety of your genetic code, or all the information that your body needs to make you who you are. The human genome is comprised of more than 3 billion DNA base pairs and 20,000 genes!

Your exome is the approximately 1.5% of your genome that is the coding portion, or the part of your genetic code that provides the instructions for making specific proteins. While this represents a small portion of the genome, most genetic testing looks at the exome.

We know less about how the remainder of the genome affects our health and development, but our understanding will continue to increase. And while we can't see our genome with the naked eye, if you stretched out all the genome contained in your body, it would reach to the moon and back 150,000 times!

