

## Epigenetics

We first talked about two different mice. What was different and why?

What is epigenetics? What are the two main types?

What are the 4 main post-translation histone modifications?

How do these modifications happen?

What does acetylation do? What does methylation do?

What is the environment's role?

When are we most susceptible? What is developmental plasticity?

What do developmental geneticists' study?

What is developmental programming?

Describe the Dutch Hunger Winter and its effects on the population.

How does Heat stress affect milk production and epigenetics?

What effect does IVF and ART have on the fetus?

