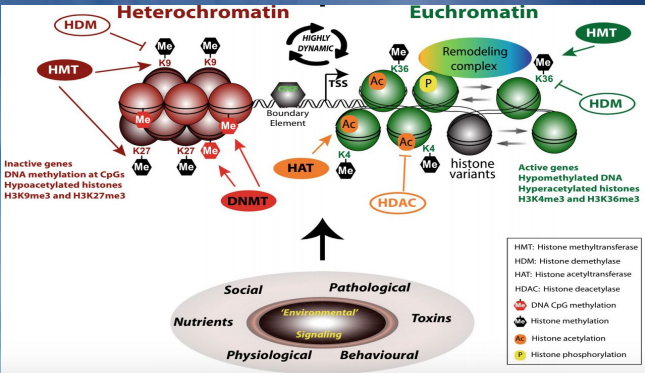


Don't be a COWard, Stop Over Breeding Livestock



Epigenetic processes include DNA methylation, chromatin remodelling, histone modifications, genome instability and any other forces that can modify an animal's physical appearance without modifying their genes

Chromatin modifications function in two non-mutually exclusive ways during development.

1. The modifications may directly affect chromatin structure
2. They may provide dynamic binding platforms for proteins with specific binding domains.

Careless Breeding Leads to Diseased States of Livestock



Epigenetic changes in livestock have been caused by several factors...

- Malnourishment
- Pesticides
- Genetically modified organisms
- Inheritance due to selective and over breeding

Overbreeding has lead to...

- Higher need for artificial fertilization
- Reduced immunity
- Inherited diseased state
- Higher nutritional demands

Solutions

Farmers:

Invest in epigenetic research to breed with intent to increase immunity, decrease antibiotic use, increase fertility, decrease the amount of genetically deformed/diseased offspring and decrease mortality rates

Consumers:

Reduce the amount of meat consumed and make sure to be choosing meat from free range or ethically sourced farms

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