# Article information:

Loss of epigenetic information as a cause of mammalian aging - PubMed  
<https://pubmed.ncbi.nlm.nih.gov/36638792/>

# Article summary:

1. Loss of epigenetic information is a cause of mammalian aging.

2. A system called "ICE" (inducible changes to the epigenome) was used to study the effects of faithful DNA repair on aging.

3. Results showed that faithful DNA repair advances aging at physiological, cognitive, and molecular levels, including erosion of the epigenetic landscape, cellular exdifferentiation, senescence, and advancement of the DNA methylation clock.

# Article rating:

Appears well balanced: The article presents the information in a reliable and balanced way, without biases and prejudices. The claims made in the article are well supported and, where applicable, all sides of the argument are given opportunity to present their point of view. The article appears trustworthy and reliable.

# Article analysis:

The article is generally reliable and trustworthy in its reporting of the research findings. The authors provide a detailed description of their methods and results, as well as an extensive list of references for further reading. The article does not appear to be biased or one-sided in its reporting; it presents both sides equally and provides evidence for all claims made. There are no unsupported claims or missing points of consideration; all relevant information is included in the article. Additionally, there are no promotional elements or partiality present in the article; it is purely scientific in nature. The article does note possible risks associated with the research findings, such as potential long-term consequences from manipulating epigenetic information. All in all, this article is reliable and trustworthy in its reporting of research findings related to loss of epigenetic information as a cause of mammalian aging.

# Topics for further research:

* Epigenetic aging mechanisms
* Epigenetic regulation of aging
* Epigenetic modifications and longevity
* Epigenetic reprogramming and aging
* Epigenetic inheritance and aging
* Epigenetic memory and aging

# Report location:

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