

# Exploring the Influence of Obesity on Ageing through the Lens of DNA Metabolism

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## Abstract

This study delves into the relationship between obesity and aging by examining their impact on DNA metabolism. Obesity, a complex metabolic disorder, has been implicated in accelerating the aging process and increasing the risk of age-related diseases. DNA metabolism, encompassing processes such as DNA replication, repair, and epigenetic interplay between obesity and DNA metabolism in the context of aging remains poorly understood. By elucidating this relationship, we aim to gain insights into the molecular mechanisms underlying obesity-associated aging and identify potential targets for intervention. Through a comprehensive review of existing literature and experimental studies, we obesity-related diseases and developing novel therapeutic strategies to promote healthy aging.

**Key words:**

**Introduction**

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