

2025 eBook: Specialist Insights on DNA Damage Biomarkers

DNA damage biomarkers are crucial for understanding the impact of various stresses on cellular health, including environmental factors like UV and ionizing radiation, as well as endogenous processes such as replication stress and oxidative metabolism. These biomarkers can be used to assess exposure to harmful agents, predict long-term effects such as cancer risk, and guide therapeutic interventions. Additionally, these biomarkers contribute significantly to research on longevity by providing insights into the aging process.

Crescendo Care provides a targeted quantification of several **key biomarkers related to DNA damage**. Below are some examples of the biomarkers we focus on, and we also provide additional tests for customized panels.

Don't hesitate to contact us with any questions or to suggest other biomarkers you may need!

DNA DAMAGE

8-hydroxy-2'-deoxyguanosine (8-OHdG)

8-nitroguanine

5-hydroxymethyluracil (5-HmU)

3-methyladenine (3-MeA)

7,8-dihydroxy-8-oxoguanine (8-oxo-Gua)

DNA-protein adducts

Furanocoumarins