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**Biological Aging and Chemotoxicity in Patients with Colorectal Cancer:
A Secondary Data Analysis using EHR data**

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Institutional Review Board Statement: This study employed de-identified electronic health records from the Ohio State University Comprehensive Cancer Center. The institutional review board determined this retrospective analysis of existing

anonymized data qualified as non-human subjects research under 45 CFR 46 regulations, granting both an exemption and waiver of informed consent. All data handling complied with HIPAA Privacy Rule requirements. Access to these records was controlled through the Cancer Center's data governance policies and required execution of a formal data-use agreement.

Informed Consent Statement: Not applicable due to secondary data analyses using de-identified EHR data.

Data Availability Statement: The datasets analyzed in this study are not publicly available due to privacy restrictions but can be accessed by qualified researchers upon reasonable request to the corresponding author. As a secondary analysis of existing de-identified EHR data, our study did not generate new datasets. However, the dataset contains potentially identifiable information (including zip codes and ages above 80) that could risk patient re-identification under HIPAA regulations. Access requires approval through Ohio State University's formal data request process, including execution of a Data Use Agreement and institutional review board approval.

Conflicts of Interest: The authors declare no conflicts of interest.