

TITLE PAGE:

Current Oncology

Special Issue: Health Disparities and Outcomes in Cancer Survivors.

This was confirmed by the Section Managing Editor Laila Zhao.

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

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Author Contributions: Conceptualization, CH, AR, JP, AN, and CB.; methodology, CH, and AT.; software, CH.; validation, CH, AR, JP, AN, AT, and CB.; formal analysis, CH.; investigation, CH, AT, and CB.; data curation, CH; writing—original draft preparation, CH; writing—review and editing, CH, AR, JP, AN, and CB.; supervision, CH, AT, and CB. All authors have read and agreed to the published version of the manuscript.

Funding: The work was original research that had not been published previously. CH: Cancer Research Seed Grant from the Ohio State University College of Nursing and the Ohio State University Comprehensive Cancer Center. CH is also funded by the Oncology Nurse Foundation (ONF) RE03. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.

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.