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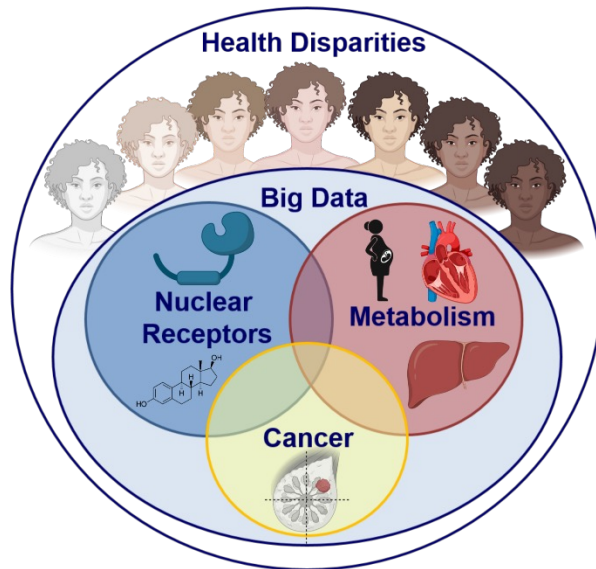
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1 in 3 individuals will have cancer in their life time. Only 10-15% of cancers can be explained by inherited genetic mutations. The rest of cancer cases are associated with lifestyle and environmental exposures, including dietary intake.



## Research Interests

- Targeting systemic and cancer cell metabolism to improve therapy efficacy
- Gut microbiota produced oncometabolites
- Oral exposure to environmental carcinogens that drive breast and prostate tumors
- Environmental stress and dysregulation of hormone metabolism to drive lung carcinogenesis

## Current Projects

- Spatial control of tumor metabolism and therapy resistance
- RECODE- lung cancer disparities
- PFAS and Women's Health

## Keywords

Breast cancer, prostate cancer, lung cancer, survivorship, dietary interventions, menopause, hormone replacement therapy, gut microbiome

## Interest Areas for Collaboration/Future Work

We are interested in working with microbiologists and data scientists to identify oncometabolites that are generated by gut microbiota that impact liver metastasis and endocrine therapy response.