

# Linking Somatic Mutation Rate With Baseline Exposure in East Palestine

NCT06357845

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Case Comprehensive Cancer Center
Enrollment	500 participants

## Plain Language Summary

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This study is examining whether people who lived near East Palestine, Ohio at the time of the February 2023 train derailment and chemical spill have higher rates of DNA mutations in their cells. Researchers want to understand the long-term health effects of exposure to toxic chemicals released in the disaster.

**\*\*You may be eligible if...\*\***

- You lived in Columbiana County (OH), Mahoning County (OH), Beaver County (PA), or Lawrence County (PA) on February 3, 2023 — the date of the derailment
- You currently live in the United States

**\*\*You may NOT be eligible if...\*\***

- You did not live in one of the four qualifying counties on February 3, 2023
- You cannot provide a valid address for where you lived on that date

Talk to your doctor to see if this trial is right for you.

## Key Eligibility Criteria

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### Inclusion (2)

- Residence on February 3rd, 2023 in Columbiana County, Ohio, Mahoning County, Ohio, Beaver County, PA, or Lawrence County, PA.
- Current residence in the United States.

### Exclusion (2)

- Address provided for February 3rd, 2023 not in Columbiana County, Ohio, Mahoning County, Ohio, Beaver County, PA, or Lawrence County, PA
- Invalid address provided for February 3rd, 2023 residence.

## Locations (1 total)

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Case Western Reserve University, Case Comprehensive Cancer Center, Cleveland, Ohio, United States

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<https://clinicaltrials.gov/study/NCT06357845>

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