

Testing the Effect of the Broccoli Seed and Sprout Extract, Avmacol ES, on the Cancer Causing Substances of Tobacco in Heavy Smokers

NCT05121051

Status	RECRUITING
Phase	Phase 2
Sponsor	National Cancer Institute (NCI)
Enrollment	135 participants

Key Eligibility Criteria

Inclusion (12)

- Male or female current tobacco smokers with ≥ 20 pack years of self-reported smoking exposure and a current average use of ≥ 10 cigarettes/day
- Age ≥ 18 years. No upper age limit
- Karnofsky performance scale $\geq 70\%$
- Absolute neutrophil count $\geq 1,000$ /microliter
- Platelets $\geq 100,000$ /microliter
- ... and 7 more (see full listing online)

Exclusion (9)

- History of invasive cancer within the past 2 years, except for excised and cured non-melanoma skin cancer or carcinoma in situ of the cervix. Participants who continue adjuvant treatment for an index cancer occurring > 2 years ago, such as adjuvant hormonal therapy for breast cancer, are excluded. Participants who are on anti-neoplastic treatment for a chronic malignancy, such as multiple myeloma or chronic myelogenous leukemia, are excluded
- Ongoing use of a nutraceutical or dietary supplement containing glucoraphanin or sulforaphane
- Note, participants will be eligible if they agree to stop the glucoraphanin or sulforaphane product at least 7 days prior to the baseline visit (7-day washout)
- Participants with known chronic hepatitis B virus (HBV) infection are not eligible for this trial due to potential interaction between sulforaphane and suppressive anti-viral therapy
- Participants may not be receiving any other investigational agents
- ... and 4 more (see full listing online)

Locations (3 total)

University of Arizona Cancer Center - Prevention Research Clinic, Tucson, Arizona, United States
George Washington University Medical Center, Washington D.C., District of Columbia, United States
Roswell Park Cancer Institute, Buffalo, New York, United States

<https://clinicaltrials.gov/study/NCT05121051>

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