

Methodology and Development of Tobacco Related Biomarkers Methodology and Development of Tobacco Related Biomarkers, part of 'Metabolism of Carcinogenic Tobacco-Specific Nitrosamines'

Status: Recruiting

Eligibility Criteria

Age: 18 years and over

This study is also accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

- 21 years or older - Daily user of tobacco or nicotine products

Exclusion Criteria:

- Unstable health condition - Pregnant or nursing

Conditions & Interventions

Conditions:

Cancer, Community Health, Prevention & Wellness

Keywords:

nicotine, nicotine replacement, smokeless tobacco, smoker, smoking, tobacco, vaper, vaping

More Information

Description: The purpose of this study is to better understand how tobacco and nicotine products affect our bodies. In this observational study smokers, vapers, smokeless tobacco users, nicotine replacement product users, non-users, and ex-users will be asked to provide biological samples. We will look for biological "markers" (biomarkers), or chemical changes in the body, that occur due to tobacco or nicotine exposure. Collected samples will be used for the development of biomarkers of toxicant exposure and for assessing exposure between the different groups. The intent is to eventually use these biomarkers to improve detection, prevention, and treatment strategies for tobacco-related diseases. This study will allow us to test currently used biomarkers, and to establish a biorepository (sample bank) to identify and develop new biomarkers associated with tobacco exposure and cessation. The type of samples and amount collected will depend on the specific biomarker(s) being developed or tested. Potential samples include saliva, cheek (buccal) & oral cells, blood, urine, hair, and/or nail clippings.

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IRB

Number: 0908M70881

System ID: 11095

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