

The Lung Cell Study (TLC)

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is also accepting healthy volunteers

Inclusion Criteria:

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Healthy volunteers

without systemic or respiratory disease. - Former smokers (quit > 6 months ago) or never smoked, including marijuana - Between the ages of 18-65 years

Exclusion Criteria:

- Current or recent illness within the preceding two weeks. - Presence or prior history of cardiac, pulmonary, or systemic disease - Bleeding disorder - Current use of systemic anticoagulant or antiplatelet therapy - Immunocompromised state (HIV infection, immunoglobulin deficiency, use of systemic immunosuppressant medications) - Use of any inhaled substance, including tobacco, marijuana, e-cigarettes, cocaine, methamphetamines, or toxic vapors in the past six months or greater than ten pack-year smoking history - Alcohol use disorder - Allergy or prior adverse reaction to lidocaine, midazolam, or fentanyl Pregnancy - Weight less than 110 lbs (for venipuncture) - Older than 65 years of age

Conditions & Interventions

Conditions:

Immune Diseases, Infectious Diseases, Respiratory System

Keywords:

blood, blood donation, blood draw, bronchoscopy, health, Healthy, Healthy subject, Healthy Volunteer

More Information

Description: The purpose of our research study is to increase our understanding on the human lung immune response to infection. We aim to use this knowledge to develop novel approaches on the prevention and treatment of lung infections. To accomplish this, we plan to obtain cells from the airways and blood of healthy volunteers to perform immune experiments.

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IRB

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