Resource Summary Report

Generated by T1D on Aug 2, 2026

Dartmouth Cigarette Smoke Exposure Analysis Laboratory

RRID:SCR_009761
Type: Tool

Proper Citation

Dartmouth Cigarette Smoke Exposure Analysis Laboratory (RRID:SCR_009761)

Resource Information

URL: http://dartmouth.eagle-i.net/i/0000012b-43eb-535f-bd3e-55f580000000

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Description: Core facility that provides the following services: Cigarette smoke exposure analysis service.

Our lab is interested in the innate immune system at the mucosal surfaces of the female reproductive and respiratory tracts. A special focus of this work is to determine the effects of cigarette smoke on changes in immune protection. The relationship of cigarette smoke exposure to increased risk of infection is well established, however the mechanisms involved are not. Our research shows that cigarette smoke exposure reduces production of a key antimicrobial chemokine, CCL20. Ongoing research in the lab seeks to determine if similar responses to cigarette smoke exposure underlie increased rates of infection and how cigarette smoke exposure associated infection is linked to the development of cancer. Consulting; training; planning; experimental management assistance. Banked tissue samples available for preliminary studies. Small animal cigarette exposure.

Resource Type: core facility, service resource, access service resource

Keywords: high throughput sample analysis

Resource Name: Dartmouth Cigarette Smoke Exposure Analysis Laboratory

Resource ID: SCR_009761

Alternate IDs: nlx_156222

Alternate URLs: http://dms.dartmouth.edu/faculty/facultydb/view.php?uid=3392

Record Creation Time: 20220129T080254+0000

Record Last Update: 20260801T191152+0000

Ratings and Alerts

No rating or validation information has been found for Dartmouth Cigarette Smoke Exposure Analysis Laboratory.

No alerts have been found for Dartmouth Cigarette Smoke Exposure Analysis Laboratory.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.