

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core

RRID:SCR\_015393

Type: Tool

### Proper Citation

Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core (RRID:SCR\_015393)

### Resource Information

**URL:** <https://www.med.unc.edu/marsicolunginstitute/core-facilities/mucuscore>

**Proper Citation:** Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core (RRID:SCR\_015393)

**Description:** Core that provides a service to quantify the concentration of given mucus samples for both total mucus concentration and the absolute relative contributions of each secreted mucin. It also provides quantitation of extracellular DNA. The mucus biophysics subcore component, provides core users with information on the biophysical properties of the mucus layer and its interaction with the cell surface.

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

**Keywords:** mucus research, mucus biophysics, mucin biochemistry, cystic fibrosis

**Related Condition:** Cystic Fibrosis, pulmonary disease

**Funding:** NIDDK P30DK065988

**Availability:** Available to the research community

**Resource Name:** Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core

**Resource ID:** SCR\_015393

**Record Creation Time:** 20220129T080325+0000

**Record Last Update:** 20260731T042932+0000

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## Ratings and Alerts

No rating or validation information has been found for Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core .

No alerts have been found for Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center Mucus and Mucin Biochemistry and Biophysics Core .

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.