Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

AirPROM

RRID:SCR_003827
Type: Tool

Proper Citation

AirPROM (RRID:SCR_003827)

Resource Information

URL: http://www.europeanlung.org/en/projects-and-research/projects/airprom/

Proper Citation: AirPROM (RRID:SCR_003827)

Description: Consortium focused on developing computer and physical models of the airway system for patients with asthma and chronic obstructive pulmonary disease (COPD). Developing accurate models will better predict how asthma and COPD develop, since current methods can only assess the severity of disease. They aim to bridge the gaps in clinical management of airways-based disease by providing reliable models that predict disease progression and the response to treatment for each person with asthma or COPD. A data management platform provides a secure and sustainable infrastructure that semantically integrates the clinical, physiological, genetic, and experimental data produced with existing biomedical knowledge from allied consortia and public databases. This resource will be available for analysis and modeling, and will facilitate sharing, collaboration and publication within AirPROM and with the broader community. Currently the AirPROM knowledge portal is only accessible by AirPROM partners.

Abbreviations: AirPROM

Synonyms: Airway Disease Predicting Outcomes through Patient Specific Computational Modelling

Resource Type: portal, data or information resource, consortium, organization portal

Keywords: model, airway system, lung, consortium, clinical, imaging, respiratory system, tissue sample, airway model, genomic, gas diffusion mri, airway development, function, physiological, genetic, computational model, gene-environment interaction

Funding: European Union FP7

Resource Name: AirPROM

Resource ID: SCR_003827

Alternate IDs: nlx_158142

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250514T061255+0000

Ratings and Alerts

No rating or validation information has been found for AirPROM.

No alerts have been found for AirPROM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.