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Project Title
Mediators of Age-related Lung Function Decline

Project Summary
Maintenance of lung function is an often under-appreciated, yet critical component of healthy aging. It naturally declines with age, doing so in the presence/absence of overt (eg. smoking), and non-overt (eg. demographics, lifestyle) factors. Although the majority of older Canadians are not exposed to overt factors, many non-overt factors are extremely prevalent and have a substantial impact on lung function. The primary goal of this project is to characterize the relationship between lung function and non-overt factors across multiple disciplines (ie. lifestyle, psychosocial, health and disease), and identify significant mediators of its age-related decline. We are also interested in investigating whether these relationships are also apparent for ‘healthy smokers’, individuals that currently smoke, but exhibit no loss of lung function.

Keywords
Lung function, Age-related decline, Multivariate analysis, Healthy smokers