

High-Fat Western Diet Consumption Exacerbates Silica-Induced Pulmonary Inflammation and Fibrosis_Dataset

Data Dictionary

Field name	Field contents
ID	Identification number of animals in the study
DIET	Type of food given to the animal
STD	Standard rat chow diet
HFWD	High-fat Western diet
EXPOSURE	Silica or air exposure
TIME (wk)	Week post-exposure to silica or filtered air
0 wk	0-week post-exposure to silica or air exposure treatment
4 wk	4-week post-exposure to silica or air exposure treatment
8 wk	8-week post-exposure to silica or air exposure treatment
cells/ml	Cells per milliliter
U/l	Units per liter
SOURCE	Source of sample
BAL	Bronchoalveolar lavage
TOTAL CELLS	Total cells
EOSIN	Eosinophils
NEUT	Neutrophils
LYMPH	Lymphocytes
MAC	Macrophages
LDH	Lactate dehydrogenase
IFN γ	Interferon Gamma
IL-1 β	Interleukin-1 Beta
IL-4	Interleukin-4
IL-5	Interleukin-5
IL-6	Interleukin-6
KCGRO	Keratinocyte chemoattractant (KC)/human growth regulated oncogene (GRO)
TNF- α	Tumor Necrosis Factor Alpha
<'value'	Denotes less than the lower limit of quantification value indicated for that cytokine.
Alv Distr	Alveolitis distribution
Alv Sev	Alveolitis severity
Epi Distr	Epithelial hyperplasia distribution in alveoli
Epi Sev	Epithelial hyperplasia severity in alveoli
Lipo Distr	Lipoproteinosis distribution in alveoli
Lipo Sev	Lipoproteinosis severity in alveoli
Fib Distr	Fibrosis distribution in alveoli
Fib Sev	Fibrosis severity in alveoli
Gran Dist	Granulomatous inflammation distribution in Bronchus-associated lymphoid tissue
Gran Sev	Granulomatous inflammation severity in Bronchus-associated lymphoid tissue
Hyp Distr	Hyperplasia distribution in Bronchus-associated lymphoid tissue
Hyp Sev	Hyperplasia severity in Bronchus-associated lymphoid tissue

Distribution Score	0 None 1 Focal 2 locally extensive 3 multifocal 4 multifocal and coalescent 5 diffuse
Severity/Area Score	0 None 1 Minimal (<10%) 2 Mild (10-25%) 3 Moderate (26%-50%) 4 Marked (51%-75%),