

Title of Dataset

Inconsequential Role for Chemerin-Like Receptor 1 in the Manifestation of Ozone-Induced Lung Pathophysiology in Mice_Dataset

Data Dictionary

Field Name	Field Content
Adiponectin (ng/ml)	concentration of adiponectin in bronchoalveolar lavage fluid
Albumin (µg/ml)	concentration of albumin in bronchoalveolar lavage fluid
BAL	bronchoalveolar lavage
Body Mass (g)	body mass of animal immediately prior to filtered room air or ozone exposure
CHI3L1	concentration of chitinase-3-like protein 1 in bronchoalveolar lavage fluid
cm	centimeter
Cmklr1	chemerin chemokine-like receptor 1 (gene)
CMKLR1	chemerin-like receptor 1 (protein)
Chemerin (ng/ml)	concentration of chemerin in serum
Chemerin (pg/ml)	concentration of chemerin in bronchoalveolar lavage fluid
Ciliated Epithelial Cells ($\times 10^4$)	number of ciliated epithelial cells in bronchoalveolar lavage fluid
Dry Weight (g)	mass of lungs after remaining in an oven for five days at 65°C
E _{stat} (cm H ₂ O/ml)	quasi-static respiratory system elastance
Exposure	filtered room air or ozone exposure
G	coefficient of lung tissue damping
g	gram
Genotype	genotype of experimental animal
H	coefficient of lung tissue elastance
h	hour
Hyaluronan (ng/ml)	concentration of hyaluronan in bronchoalveolar lavage fluid
H ₂ O	water
IL-6 (pg/ml)	concentration of interleukin-6 in bronchoalveolar lavage fluid
IL-11 (pg/ml)	concentration of interleukin-11 in bronchoalveolar lavage fluid
KC	concentration of keratinocyte chemoattractant in bronchoalveolar lavage fluid
Macrophages ($\times 10^4$)	number of macrophages in bronchoalveolar lavage fluid
µg	microgram
mg/ml Methacholine G (cm H ₂ O/ml)	concentration of methacholine delivered to the animal to elicit a coefficient of lung tissue damping response
mg/ml Methacholine H (cm H ₂ O/ml)	concentration of methacholine delivered to the animal to elicit a coefficient of lung tissue elastance response
mg/ml Methacholine R _{aw} (cm H ₂ O/ml/s)	concentration of methacholine delivered to the animal to elicit an airway resistance response
MIP-2	concentration of macrophage inflammatory protein-2 in bronchoalveolar lavage fluid

MIP-3Alpha	concentration of macrophage inflammatory protein-3Alpha in bronchoalveolar lavage fluid
ml	milliliter
mRNA	messenger ribonucleic acid
Neutrophils ($\times 10^4$)	number of neutrophils in bronchoalveolar lavage fluid
ng	nanogram
Normalized Fold-Change	measure describing how abundance of chemerin chemokine-like receptor 1 (<i>Cmklr1</i>) messenger ribonucleic acid (mRNA) normalized to abundance of glucuronidase, beta (<i>Gusb</i>) mRNA in ozone-exposed mice changes relative to that of <i>Cmklr1</i> mRNA normalized to abundance of <i>Gusb</i> mRNA in filtered room air-exposed mice
Osteopontin (ng/ml)	concentration of osteopontin in bronchoalveolar lavage fluid
pg	picogram
Mouse (Number) Pressure (cm H ₂ O)	airway opening pressure resulting from a volume of air being delivered to or removed from the lungs of either a wild-type or CMKLR1-deficient mouse
Protein (μ g/ml)	concentration of protein in bronchoalveolar lavage fluid
RAGE (ng/ml)	concentration of receptor for advanced glycation end-product in bronchoalveolar lavage fluid
R _{aw}	airway resistance
s	second
Total Blood Leukocytes ($\times 10^6$ /ml of blood)	number of leukocytes in a milliliter of blood
Mouse (Number) Volume (ml)	volume of air delivered to or removed from the lungs of either a wild-type or CMKLR1-deficient mouse
Wet-to-Dry Weight Ratio	quotient of wet weight divided by dry weight
Wet Weight (g)	mass of lungs immediately after excision from animal