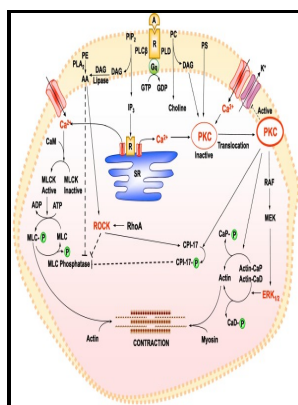


Disclosure of novel mechanisms in which nicotine triggers structural and functional alterations of arterial smooth muscle cells - implications to pathogenesis of the occlusive arterial diseases.

National Library of Canada - Bdnf brain derived neurotrophic factor [Mus musculus (house mouse)]



Description: -

-Disclosure of novel mechanisms in which nicotine triggers structural and functional alterations of arterial smooth muscle cells - implications to pathogenesis of the occlusive arterial diseases.

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Migrations plurielles.

Collection Migrations plurielles,

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Builders of Greater Britain

Canadian theses = -- Thèses canadiennes Disclosure of novel mechanisms in which nicotine triggers structural and functional alterations of arterial smooth muscle cells - implications to pathogenesis of the occlusive arterial diseases.

Notes: Thesis (M.Sc.) -- University of Toronto, 2001.

This edition was published in 2001



Filesize: 9.57 MB

Tags: #Dose

Increased vascular contractility in isolated vessels from cigarette smoking rats is mediated by basal endothelin release

Participants with Meth-APAH were more likely to seek care in the emergency department IRR: 2.

Vinicio de Jesus Perez MD's Profile

Nicotine can be absorbed through various membranous tissues including the lungs, skin, stomach, or mucus membranes lining the mouth. Nicotine is one of the most heavily used addictive drugs in the U. It is possible to carry-out the analysis of LDL uptake in EC incubating EC with labelled LDL under appropriate culture conditions before the uptake assessment by fluorescence microscopy.

ACNP 59 th Annual Meeting: Poster Session I

In murine models, there is evidence that composition and thickness of the glycocalyx depend on local haemodynamic shear forces from the flowing blood. Arch Environ Contam Toxicol 25, 255-259. We review the different mechanical components of RV dysfunction and ventricular dyssynchrony, followed by insights via analysis of pressure-volume loop, energetics and novel blood flow patterns, such as vortex imaging.

Cardiac, Vascular, and Skeletal Muscle Systems

In pig pulmonary arteries, cigarette smoke extract caused a biphasic response in blood vessels with an intact endothelium: relaxation at lower concentrations and contraction at higher concentrations Holden et al. Chronically elevated endothelin levels reduce pulmonary vascular reactivity to nitric oxide. Results: In this report, we have identified a new small molecule capable of disrupting the TRIP8b-HCN interaction.

Nicotine

Brain ischemia is followed by irreversible damage already detectable at less than 20 min after the ischemic event and, in most cases, resulting in severe brain damage, which is the leading cause of death and long-term disability worldwide.

Cardiovascular Sciences Collaborative Program: Convocated Students

To determine if patients with Meth-APAH differ from those with idiopathic PAH in demographics, regional distribution in the US, hemodynamics, health-related quality of life, PAH-specific treatment, and health care utilization. Several studies using either in vivo or in vitro smoking models confirm that that addition of exogenous BH4 will increase NO availability Higman et al.

Frontiers

It would be interesting to measure the NO level directly in the bath solution while doing the functional study in vascular tissue. We used quantitative real time PCR qPCR to investigate the expression of several nuclear genes involved in mitochondrial function including, Peroxisome proliferator-activated receptor gamma coactivator 1-alpha, dynamin related protein 1, Early growth response protein 3, mitochondrial fission protein 1, and mitofusin 1 and 2. In all cases, the increase in left atrial pressure causes a passive increase in pulmonary pressure.

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