Extracellular osmolality and vascular smooth muscle activity.

- - Microvascular effects of hypertonic solutions in the hamster

Description: -
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Theology.
Bible. -- N.T. -- Commentaries.
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Vascular smooth muscle.Extracellular osmolality and vascular smooth muscle activity.
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12.
Mémoires et documents (Université de Lausanne. Institut de science politique) ;
Mémoires et documents - Institut de science politique ; 12
359
Acta physiologica Scandinavica.Extracellular osmolality and vascular smooth muscle activity.
Notes: Bibliography: p. 44-48.
This edition was published in 1970

Tags: #Paradoxical #inhibition #of #vasoconstrictor #and #vasodilator #responses #by #hypertonic #mannitol #in #isolated #arterial #smooth #muscle

Cell volume as a factor influencing electrical and mechanical activity of vascular smooth muscle.

Thus, the low-pressure receptors are the primary mediators of volume effects on vasopressin secretion. Parts of the tissues were immediately snap frozen in liquid nitrogen while parts were fixed in 5% paraformaldehyde solution.

Regulation of Extracellular Fluid Composition & Volume

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Our data strongly suggest VSM-EGFR as prerequisite for HFD-induced transcriptome alterations followed by vascular remodelling.

Cell volume as a factor influencing electrical and mechanical activity of vascular smooth muscle.

The chronic inflammatory response in the tubule interstitial space is a strong trigger for fibroblast activation and epithelial mesenchymal transition, both leading to fibrotic alterations. Clark KA, Graves BJ 2014 Dual views of SRF: a genomic exposure.

Regulation of Extracellular Fluid Composition & Volume

These include pain, nausea, surgical stress, and some emotions.

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SRF was identified as a functional upstream regulator, without major differences in SRF mRNA expression ESM Fig. Wang Y, Babínková D,

Huang J, Swain GM, Wang DH 2008 Deletion of transient receptor potential vanilloid type 1 receptors exaggerates renal damage in deoxycorticosterone acetate-salt hypertension. EGFR deletion protects the animals from HFD-induced endothelial dysfunction, creatininaemia and albuminuria.

Paradoxical inhibition of vasoconstrictor and vasodilator responses by hypertonic mannitol in isolated arterial smooth muscle

Because one of its principal physiologic effects is the retention of water by the kidney, vasopressin is often called the antidiuretic hormone ADH.

Knockout of vascular smooth muscle EGF receptor in a mouse model prevents obesity

Coletti D, Daou N, Hassani M, Li Z, Parlakian A 2016 Serum response factor in muscle tissues: from development to ageing. Glucose leads to a qualitative switch in EGFR-to-SRF signalling, focusing the information transfer on the ROCK—actin—MRTF pathway and involving the generation of ROS.

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