Summary of: Simulated Microgravity Induces Regionally Distinct Neurovascular and Structural Remodeling of Skeletal Muscle and Cutaneous Arteries in the Rat

Key findings:

- HU increases lumen diameter of forelimb arteries but decreases diameter of sural artery. - HU increases sensitivity to vasoconstrictors in saphenous artery but not in sural artery. - HU increases contractile responses to noradrenaline and serotonin in forelimb arteries but decreases in hindlimb arteries. - HU reduces sympathetic innervation density in saphenous artery but not in sural artery. - HU impairs sympathetic vasoconstriction in HU rats compared to controls. - HU induces structural and functional adaptations in forelimb arteries but not in hindlimb arteries. - HU causes divergent alterations in skeletal muscle and cutaneous arteries. - HU induces hyper-sensitivity of saphenous artery to vasoconstrictors. - HU causes attenuation of smooth muscle contractility in hindlimb arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle contractility in cutaneous arteries. - HU causes attenuation of smooth muscle

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