



# UNIVERSITY of MARYLAND SCHOOL OF MEDICINE

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## Highlighted Publications

Blaustein MP, Chen L, Hamlyn JM, Leenen FH, Lingrel JB, Wier WG, Zhang J. [Pivotal role of  \$\alpha 2\$  Na<sup>+</sup> pumps and their high affinity ouabain binding site in cardiovascular health and disease.](#) The Journal of physiology. 2016. doi: 10.1113/JP272419. PMID: 27350568

Chen L, Song H, Wang Y, Lee JC, Kotlikoff MI, Pritchard TJ, Paul RJ, Zhang J, Blaustein MP. [Arterial  \$\alpha 2\$ -Na<sup>+</sup> pump expression influences blood pressure: lessons from novel, genetically engineered smooth muscle-specific  \$\alpha 2\$  mice.](#) American journal of physiology. Heart and circulatory physiology. 2015; 309(5):H958-68. PMID: PMC4591399

Wang Y, Chen L, Wier WG, Zhang J. [Intravital Förster resonance energy transfer imaging reveals elevated \[Ca<sup>2+</sup>\]<sub>i</sub> and enhanced sympathetic tone in femoral arteries of angiotensin II-infused hypertensive biosensor mice.](#) The Journal of physiology. 2013; 591(21):5321-36. PMID: PMC3936370

Chen L, Zhang J, Hu X, Philipson KD, Scharf SM. [The Na<sup>+</sup>/Ca<sup>2+</sup> exchanger-1 mediates left ventricular dysfunction in mice with chronic intermittent hypoxia.](#) Journal of applied physiology (Bethesda, Md. : 1985). 2010; 109(6):1675-85. PMID: PMC3006405

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