

The pump, the exchanger, and the holy spirit: origins and evolution of the ouabain- Na^+ pump endocrine system

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Does the hormone "endogenous ouabain" exist in the human circulation?. <i>BioFactors</i> , 2018, 44, 219-221.	2.6	4
2	<i>AJP-Cell Physiology</i> begins landmark reviews in cell physiology: an editorial from the senior editors of <i>AJP-Cell Physiology</i> . <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C1-C2.	2.1	3
3	Role of endogenous digitalis-like factors in the clinical manifestations of severe preeclampsia: a systematic review. <i>Clinical Science</i> , 2018, 132, 1215-1242.	1.8	15
4	Letter to the editor: Comments on Blaustein (2018): "The pump, the exchanger, and the holy spirit: origins and 40-year evolution of ideas about the ouabain-Na ⁺ pump endocrine system" <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C640-C640.	2.1	3
5	Endogenous Ouabain and Related Genes in the Translation from Hypertension to Renal Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1948.	1.8	12
6	Dec1 and CLOCK Regulate Na ⁺ /K ⁺ -ATPase α 1 Subunit Expression and Blood Pressure. <i>Hypertension</i> , 2018, 72, 746-754.	1.3	32
7	Reply to "Letter to the editor: Comments on Blaustein (2018): "The pump, the exchanger, and the holy spirit: origins and 40-year evolution of ideas about the ouabain-Na ⁺ pump endocrine system" <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C641-C642.	2.1	2
8	Na ⁺ , K ⁺ -ATPase Signaling and Bipolar Disorder. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2314.	1.8	48
9	Primary Aldosteronism. <i>Hypertension</i> , 2019, 74, 458-466.	1.3	40
10	The sodium pump and digitalis drugs: Dogmas and fallacies. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00505.	1.1	39
11	Synthesis of Oxy-Functionalized Steroidal Skeletons via Mizoroki-Heck and Intramolecular Diels-Alder Reactions. <i>Organic Letters</i> , 2019, 21, 7410-7414.	2.4	11
12	Predictability in the evolution of Orthopteran cardenolide insensitivity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180246.	1.8	33
13	Ouabain potentiates the antimicrobial activity of aminoglycosides against <i>Staphylococcus aureus</i> . <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 119.	3.7	8
14	Na ⁺ /Ca ²⁺ exchanger overexpression in smooth muscle augments cytosolic Ca ²⁺ in femoral arteries of living mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H298-H310.	1.5	9
15	Na ⁺ /K ⁺ -pump and neurotransmitter membrane receptors. <i>Invertebrate Neuroscience</i> , 2019, 19, 1.	1.8	97
16	Renal Hydrogen Peroxide Production Prevents Salt-Sensitive Hypertension. <i>Journal of the American Heart Association</i> , 2020, 9, e013818.	1.6	10
17	Endogenous cardiostonic steroids and cardiovascular disease, where to next?. <i>Cell Calcium</i> , 2020, 86, 102156.	1.1	25
18	Control of cardiac contraction by sodium: Promises, reckonings, and new beginnings. <i>Cell Calcium</i> , 2020, 85, 102129.	1.1	9

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19	Ouabain Suppresses IL-6/STAT3 Signaling and Promotes Cytokine Secretion in Cultured Skeletal Muscle Cells. <i>Frontiers in Physiology</i> , 2020, 11, 566584.	1.3	16
20	Coordinate adaptations of skeletal muscle and kidney to maintain extracellular [K ⁺] during K ⁺ -deficient diet. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C757-C770.	2.1	14
21	Disturbed Presynaptic Ca ²⁺ Signaling in Photoreceptors in the EAE Mouse Model of Multiple Sclerosis. <i>IScience</i> , 2020, 23, 101830.	1.9	7
22	Practical Method for Salt Intake Follow-Up in Hypertensive Patients. <i>Metabolic Syndrome and Related Disorders</i> , 2020, 18, 353-361.	0.5	0
23	Ouabain, endogenous ouabain and ouabain-like factors: The Na ⁺ pump/ouabain receptor, its linkage to NCX, and its myriad functions. <i>Cell Calcium</i> , 2020, 86, 102159.	1.1	47
24	Ouabain Protects Nephrogenesis in Rats Experiencing Intrauterine Growth Restriction and Partially Restores Renal Function in Adulthood. <i>Reproductive Sciences</i> , 2021, 28, 186-196.	1.1	2
25	Role of endogenous ouabain in the etiology of bipolar disorder. <i>International Journal of Bipolar Disorders</i> , 2021, 9, 6.	0.8	7
26	Measuring enzyme activities in crude homogenates: Na ⁺ /K ⁺ -ATPase as a case study in optimizing assays. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 255, 110577.	0.7	9
27	Na ⁺ -K ⁺ -ATPase plays a major role in mediating cutaneous thermal hyperemia achieved by local skin heating to 39°C. <i>Journal of Applied Physiology</i> , 2021, 131, 1408-1416.	1.2	2
28	Comparative Drug Resistance Reversal Potential of Natural Glycosides: Potential of Synergy Niaziridin & Niazirin. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 847-860.	1.0	10
29	TRPC6, a therapeutic target for pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L1161-L1182.	1.3	22
30	The adducin saga: pleiotropic genomic targets for precision medicine in human hypertension—vascular, renal, and cognitive diseases. <i>Physiological Genomics</i> , 2022, 54, 58-70.	1.0	5
31	On the Molecular Nature of Differences in the Response of Sensory Neurons and Fibroblasts to Ouabain. <i>Technical Physics</i> , 2021, 66, 734.	0.2	0
32	Sleep deprivation is associated with increased circulating levels of endogenous ouabain: Potential role in bipolar disorder. <i>Psychiatry Research</i> , 2022, 309, 114399.	1.7	1
33	Endogenous Cardiac Steroids in Bipolar Disorder: State of the Art. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1846.	1.8	5
34	Plant-derived functional components: prevent from various disorders by regulating the endocrine glands. <i>International Journal of Food Properties</i> , 2022, 25, 976-995.	1.3	10
35	Mechanosensitive cation currents through TRPC6 and Piezo1 channels in human pulmonary arterial endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C959-C973.	2.1	8
36	Ouabain-Induced Changes in the Expression of Voltage-Gated Potassium Channels in Epithelial Cells Depend on Cell-Cell Contacts. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13257.	1.8	2

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37	Whither digitalis? What we can still learn from cardiotonic steroids about heart failure and hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 323, H1281-H1295.	1.5	3
38	Pathophysiology and pathogenic mechanisms of pulmonary hypertension: role of membrane receptors, ion channels, and Ca ²⁺ signaling. Physiological Reviews, 2023, 103, 1827-1897.	13.1	15
39	CXCL10 is a prognostic marker for pancreatic adenocarcinoma and tumor microenvironment remodeling. BMC Cancer, 2023, 23, .	1.1	0