

1 Editorial Team Changes in the New Year

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3 Willis K. Samson

4 Editor-in-Chief

5 American Journal of Physiology (Regulatory, Integrative and Comparative

6 Physiology)

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8 Running title: AJP Regu Editorial Team 2018

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22 December 31, 2017, will mark the final day of Dr. Alastair V. Ferguson's term as
23 Associate Editor of the American Journal of Physiology. Dr. Ferguson has been a
24 member of our Editorial Team since we replaced Curt Sigmund's team in 2013 and
25 during that time has been an active review editor for and author in the journal
26 (1,2,6,7,10,12). Dr. Ferguson supervised the review of submitted articles and
27 reviews focusing mainly on manuscripts related to central nervous system
28 physiology. He frequently was requested as review editor by corresponding authors
29 and his service to the journal will be missed. Dr. Ferguson's editorial responsibilities
30 will continue at the Journal of Physiology where he serves as a Reviewing Editor.

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32 Replacing Dr. Ferguson will be Dr. Gina L.C. Yosten. Dr. Yosten is currently the Guest
33 Editor for the Call for Papers: "G Protein-Coupled Receptors in Metabolic Diseases."
34 She has served on the Editorial Board, been awarded Star Reviewer Status (2014)
35 and has published extensively in AJP Regu during our Team's tenure with the
36 journal (3,4,5,8,9,11,13,14,15). Dr. Yosten has contributed additionally to the
37 American Physiological Society as a member of the Science Policy Committee, the
38 Joint Program Committee and, for several years, the Steering Committee of the
39 Endocrinology and Metabolism Section, which she now Chairs. She has received
40 numerous awards from APS including the Research Recognition Award in
41 Endocrinology and Metabolism (2009), the Mead Johnson Award (2011), the
42 Virendra Mahesh Award for Excellence in Endocrinology (2013) and the APS New
43 Investigator Award in Endocrinology and Metabolism (2017). In addition, Dr. Yosten
44 has organized and led several national and international symposia and conferences
45 including two APS-sponsored Latin American Initiative Workshops (Araraquara,
46 Brazil; Cordoba, Argentina) and a second Conference in Cordoba sponsored by the

47 APS International Opportunity Program. Dr. Yosten will supervise the reviews of
48 papers focusing on peptides, receptors, hypothalamic function, ingestive behaviors
49 and metabolism.

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51 The remaining members of the current Editorial Team will continue their term of
52 service until June 30, 2019. We welcome your suggestions for topics upon which
53 Calls for Papers can be initiated. We also welcome the submission of editorials,
54 letters to the editor, and review articles for peer review. As this year comes to an
55 end we want to thank everyone who reviewed articles for us and to the
56 corresponding authors who contributed to the journal in 2017.

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58 References

- 59 1. Ahmed AS, Dai L, Ho W, Ferguson AV, Sharkey KA. The subfornical organ: a
60 novel site of action of cholecystokinin. *Am J Physiol Regul Integr Comp*
61 *Physiol.* 2014 Mar 1;306(5):R363-73. doi: 10.1152/ajpregu.00462.2013.
- 62 2. Cancelliere NM, Ferguson AV. Subfornical organ neurons integrate
63 cardiovascular and metabolic signals. *Am J Physiol Regul Integr Comp*
64 *Physiol.* 2017 Feb 1;312(2):R253-R262. doi: 10.1152/ajpregu.00423.2016.
- 65 3. Elrick MM, Samosn WK, Corbett JA, Salvatori AS, Stein LM, Kolar GR, Naatz A,
66 Yosten GL. Neuronostatin acts via GPR107 to increase cAMP-independent
67 PKA phosphorylation and proglucagon mRNA accumulation in pancreatic
68 alpha-cells. *Am J Physiol Regul Integr Comp Physiol.* 2016 Jan 15;310(2):R143-
69 55. doi: 10.1152/ajpregu.00369.2014.
- 70 4. Ji H, Zheng W, Wu X, Speth RC, Verbalis JG, Stein LM, Yosten GL, Samson
71 WK, Sandberg K. Aging-related impairment of urine-concentrating mechanisms
72 correlates with dysregulation of adrenocortical angiotensin type 1 receptors in
73 male Fischer rats. *Am J Physiol Regul Integr Comp Physiol.* 2016 Mar
74 15;310(6):R513-21. doi: 10.1152/ajpregu.00131.2015.
- 75 5. Liu J, Yosten GL, Ji H, Zhang D, Zheng W. Speth RC, Samson WK, Sandberg K.
76 Selective inhibition of angiotensin receptor signaling through Erk1/2 pathway by
77 a novel peptide. *Am J Physiol Regul Integr Comp Physiol.* 2014 Apr
78 15;306(8):R619-26. doi: 10.1152/ajpregu.00562.2013.
- 79 6. Loewen SP, Ferguson AV. Adropin acts in the rat paraventricular nucleus to
80 influence neuronal excitability. *Am J Physiol Regul Integr Comp Physiol.* 2017
81 Apr 1;312(4):R511-R519. doi: 10.1152/ajpregu.00517.2016.
- 82 7. Mimeo A, Ferguson AV. Glycemic state regulates melanocortin, but not nesfatin-
83 1, responsiveness of glucose-sensitive neurons in the nucleus of the solitary tract.
84 *Am J Physiol Regul Integr Comp Physiol.* 2015 Apr 15;308(8):R690-9. doi:
85 10.1152/ajpregu.00477.2014.
- 86 8. Pate AT, Yosten GL, Samson WK. Neuropeptide W increases mean arterial
87 pressure as a result of behavioral arousal. *Am J Physiol Regul Integr Comp*
88 *Physiol.* 2013 Oct 1;305(7):R804-10. doi: 10.1152/ajpregu.00119.2013.
- 89 9. Richards JP, Yosten GL, Kolar GR, Jones CW, Stephenson AH, Ellsworth ML,
90 Sprague RS. Low O₂-induced ATP release from erythrocytes of humans with
91 type 2 diabetes is restored by physiological ratios of c-peptide and insulin. *Am J*

- 92 Physiol Regul Integr Comp Physiol. 2014 Oct 1;307(7):R862-8. doi:
93 10.1152/ajpregu.00206.2014.
- 94 10. Samson WK, Ferguson AV. Exploring the OVLT: insight into a critically
95 important window into the brain. *Am J Physiol Regul Integr Comp Physiol*. 2015
96 Aug 15;309(4):R322-3. doi: 10.1152/ajpregu.00305.2015.
- 97 11. Sandberg K, Verbalis JG, Yosten GL, Samson WK. Sex and basic science. A
98 Title IX position. *Am J Physiol Regul Integr Comp Physiol*. 2014 Aug
99 15;307(4):R361-5. doi: 10.1152/ajpregu.00251.2014.
- 100 12. Smith PM, Brzezinska P, Hubert F, Mimee A, Maurice DH, Ferguson AV. Leptin
101 influences the excitability of area postrema neurons. *Am J Physiol Regul Integr
102 Comp Physiol*. 2016 Mar 1;310(5):R440-8. doi: 10.1152/ajpregu.00326.2015.
- 103 13. Stein LM, Tullock CW, Matthews SK, Garcia-Galiano D, Elias CF, Samson WK,
104 Yosten GL. Hypothalamic action of phoenixin to control reproductive hormone
105 secretion in females: importance of the orphan G protein-coupled receptor
106 Gpr173. *Am J Physiol Regul Integr Comp Physiol*. 2016 Sep 1;311(3):R489-96.
107 doi: 10.1152/ajpregu.00191.2016.
- 108 14. Stein LM, Yosten GL, Samson WK. Adropin acts in brain to inhibit water
109 drinking: potential interaction with the orphan G protein-coupled receptor,
110 GPR19. *Am J Physiol Regul Integr Comp Physiol*. 2016 Mar 15;310(6):R476-80.
111 doi: 10.1152/ajpregu.00511.2015.
- 112 15. Yosten GL, Samson WK. Neural circuitry underlying the central hypertensive
113 action of nesfatin-1: melanocortin, corticotropin releasing hormone and
114 oxytocin. *Am J Physiol Regul Integr Comp Physiol*. 2014 May 15;306(10):R722-
115 7. doi: 10.1152/ajpregu.00396.2013.