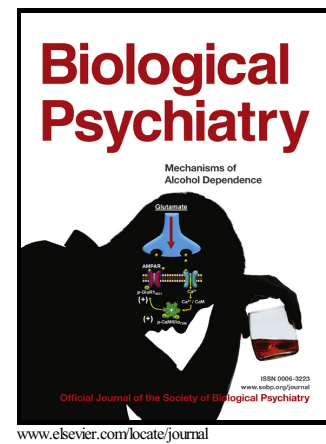


Author's Accepted Manuscript

Amylin Acts in the Lateral Dorsal Tegmental Nucleus to Regulate Energy Balance through GABA SignalingLDTg amylin signaling affects motivated feeding

David J. Reiner, Elizabeth G. Mietlicki-Baase, Diana R. Olivos, Lauren E. McGrath, Derek J. Zimmer, Kieran Koch-Laskowski, Joanna Krawczyk, Christopher Turner, Emily E. Noble, Joel D. Hahn, Heath D. Schmidt, Scott E. Kanoski, Matthew R. Hayes



PII: S0006-3223(17)30007-0

DOI: <http://dx.doi.org/10.1016/j.biopsych.2016.12.028>

Reference: BPS13087

To appear in: *Biological Psychiatry*

Cite this article as: David J. Reiner, Elizabeth G. Mietlicki-Baase, Diana R. Olivos, Lauren E. McGrath, Derek J. Zimmer, Kieran Koch-Laskowski, Joanna Krawczyk, Christopher Turner, Emily E. Noble, Joel D. Hahn, Heath D. Schmidt, Scott E. Kanoski and Matthew R. Hayes, Amylin Acts in the Lateral Dorsal Tegmental Nucleus to Regulate Energy Balance through GABA SignalingLDTg amylin signaling affects motivated feeding, *Biological Psychiatry*, <http://dx.doi.org/10.1016/j.biopsych.2016.12.028>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Amylin acts in the lateral dorsal tegmental nucleus to regulate energy balance
through GABA signaling**

Running Title: LDTg amylin signaling affects motivated feeding

David J. Reiner¹, Elizabeth G. Mietlicki-Baase¹, Diana R. Olivos¹, Lauren E. McGrath¹, Derek J. Zimmer¹, Kieran Koch-Laskowski¹, Joanna Krawczyk¹, Christopher Turner^{1,2}, Emily E. Noble³, Joel D. Hahn⁴, Heath D. Schmidt², Scott E. Kanoski³, and Matthew R. Hayes¹

¹Translational Neuroscience Program, Department of Psychiatry, Perelman School of Medicine and ²Department of Biobehavioral Health Sciences, School of Nursing, University of Pennsylvania; ³Department of Biological Sciences, Human and Evolutionary Biology Section and ⁴Neurobiology Section, University of Southern California.

Keywords: food intake, motivated behavior, obesity, reward, calcitonin, IAPP

Address correspondence to:

Dr. Matthew R. Hayes: 125 S. 31st St., Philadelphia, PA 19104; Phone: 215-573-6070; Fax: 215-573-2041; Email: hayesmr@mail.med.upenn.edu

Download English Version:

<https://daneshyari.com/en/article/8814392>

Download Persian Version:

<https://daneshyari.com/article/8814392>

[Daneshyari.com](https://daneshyari.com)