

Accepted Manuscript

Amino acids as signaling molecules modulating bone turnover

Ke-Hong Ding, Michael Cain, Michael Davis, Clare Bergson, Meghan McGee-Lawrence, Crystal Perkins, Trevor Hardigan, Xingming Shi, Qing Zhong, Jianrui Xu, Wendy B. Bollag, William Hill, Mohammed Elsalanty, Monte Hunter, Maria Isales, Patricia Lopez, Mark Hamrick, Carlos M. Isales



PII: S8756-3282(18)30087-5
DOI: doi:[10.1016/j.bone.2018.02.028](https://doi.org/10.1016/j.bone.2018.02.028)
Reference: BON 11581
To appear in: *Bone*
Received date: 22 December 2017
Revised date: 25 February 2018
Accepted date: 26 February 2018

Please cite this article as: Ke-Hong Ding, Michael Cain, Michael Davis, Clare Bergson, Meghan McGee-Lawrence, Crystal Perkins, Trevor Hardigan, Xingming Shi, Qing Zhong, Jianrui Xu, Wendy B. Bollag, William Hill, Mohammed Elsalanty, Monte Hunter, Maria Isales, Patricia Lopez, Mark Hamrick, Carlos M. Isales , Amino acids as signaling molecules modulating bone turnover. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Bone*(2017), doi:[10.1016/j.bone.2018.02.028](https://doi.org/10.1016/j.bone.2018.02.028)

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 proof before it is published in its final 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.

Amino Acids as Signaling Molecules Modulating Bone Turnover

Ke-Hong Ding^{1,2}, Michael Cain³, Michael Davis¹, Clare Bergson⁴, Meghan McGee-Lawrence^{1,3,7}, Crystal Perkins¹, Trevor Hardigan¹, Xingming Shi^{1,2}, Qing Zhong^{1,2}, Jianrui Xu^{1,2}, Wendy B. Bollag^{1,5,6,7,8}, William Hill^{1,3,7,8}, Mohammed Elsalanty⁹, Monte Hunter^{1,3}, Maria Isales¹, Patricia Lopez¹, Mark Hamrick^{1,3,7} and Carlos M. Isales^{1,2,3,5,7‡}

¹Institute of Regenerative and Reparative Medicine and the Departments of

²Neuroscience and Regenerative Medicine, ³Orthopaedic Surgery, ⁴Pharmacology and Toxicology, ⁵Medicine, ⁶Physiology and ⁷Cellular Biology and Anatomy, Medical College of Georgia, Augusta University,

⁸Charlie Norwood VA Medical Center and the

⁹Department of Oral Biology, School of Dental Medicine, Augusta GA 30912

[‡]Corresponding author: Carlos M. Isales, MD, DNRM, Medical College of Georgia, CA-1004, 1120 15th Street, Augusta, Georgia 30912, USA. Tel: (706) 721-0692; Fax: (706) 721-8727; E-mail address: cisales@augusta.edu

Funding Sources: This work was supported by funding from the National Institutes of Aging (P01AG036675).

All authors have no conflicts of interest.

Download English Version:

<https://daneshyari.com/en/article/8950911>

Download Persian Version:

<https://daneshyari.com/article/8950911>

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