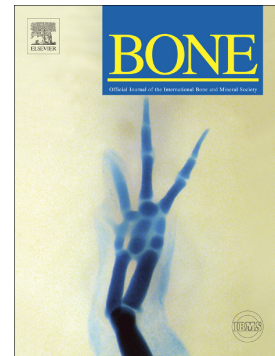


## Accepted Manuscript

Parathyroid hormone's enhancement of bones' osteogenic response to loading is affected by ageing in a dose- and time-dependent manner

Lee B Meakin, Henry Todd, Peter J Delisser, Gabriel L Galea, Alaa Moustafa, Lance E Lanyon, Sara H Windahl, Joanna S Price



PII: S8756-3282(17)30054-6  
DOI: doi: [10.1016/j.bone.2017.02.009](https://doi.org/10.1016/j.bone.2017.02.009)  
Reference: BON 11265

To appear in: *Bone*

Received date: 22 November 2016  
Revised date: 18 February 2017  
Accepted date: 20 February 2017

Please cite this article as: Lee B Meakin, Henry Todd, Peter J Delisser, Gabriel L Galea, Alaa Moustafa, Lance E Lanyon, Sara H Windahl, Joanna S Price , Parathyroid hormone's enhancement of bones' osteogenic response to loading is affected by ageing in a dose- and time-dependent manner. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Bone*(2016), doi: [10.1016/j.bone.2017.02.009](https://doi.org/10.1016/j.bone.2017.02.009)

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.

**Parathyroid hormone's enhancement of bones' osteogenic response to loading is affected by ageing in a dose- and time-dependent manner**

Dr Lee B Meakin<sup>1\*</sup> PhD, Mr Henry Todd<sup>1\*</sup> MSc, Mr Peter J Delisser<sup>1</sup> BVSc, Dr Gabriel L Galea<sup>1,4</sup> PhD, Dr Alaa Moustafa<sup>1,2</sup> PhD, Prof Lance E Lanyon<sup>1</sup> DSc, Dr Sara H Windahl<sup>1,3</sup> PhD, Prof Joanna S Price<sup>1</sup> PhD

<sup>1</sup> School of Veterinary Sciences, University of Bristol, Bristol, UK

<sup>2</sup> Department of Surgery, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Kafr El-Sheikh, Egypt

<sup>3</sup> Centre for Bone and Arthritis Research, Institute of Medicine, Sahlgrenska Academy at the University of Gothenburg, Gothenburg, Sweden

<sup>4</sup> Newlife Birth Defects Research Centre, UCL Great Ormond Street Institute of Child Health, UCL, London, UK

**Funding:**

GLG and LBM were supported by Wellcome Veterinary Intercalated Training Fellowships (088560/Z/09/Z and 092045/Z/10/Z respectively) and GLG is currently supported by a Wellcome Postdoctoral Clinical Training Fellowship (107474/Z/15/Z). AM was supported by the Egyptian Ministry of Higher Education. SHW was funded by a European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 657178, the Swedish Research Council (2013-8252) and the ALF/LUA research grant in Gothenburg (161891).

Correspondence should be addressed to:

Dr Lee B Meakin, School of Veterinary Sciences, University of Bristol, Langford House, Bristol BS40 5DU, UK.

Tel 0044 117 9289420

Email: lee.meakin@bristol.ac.uk

Download English Version:

<https://daneshyari.com/en/article/5585329>

Download Persian Version:

<https://daneshyari.com/article/5585329>

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