Accepted Manuscript

Macrophage and osteoclast polarization in bisphosphonate associated necrosis and osteoradionecrosis

Falk Wehrhan, MD, DMD, Patrick Moebius, Kerstin Amann, MD, Jutta Ries, Raimund Preidl, MD, Friedrich W. Neukam, MD, DMD, Manuel Weber, MD, DMD

Journal of Cranio-Maxillo-Facial Surgery

PII: \$1010-5182(17)30083-5

DOI: 10.1016/j.jcms.2017.02.023

Reference: YJCMS 2623

To appear in: Journal of Cranio-Maxillo-Facial Surgery

Received Date: 17 September 2016

Revised Date: 1 February 2017

Accepted Date: 20 February 2017

Please cite this article as: Wehrhan F, Moebius P, Amann K, Ries J, Preidl R, Neukam FW, Weber M, Macrophage and osteoclast polarization in bisphosphonate associated necrosis and osteoradionecrosis, *Journal of Cranio-Maxillofacial Surgery* (2017), doi: 10.1016/j.jcms.2017.02.023.

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.

ACCEPTED MANUSCRIPT

Macrophage and osteoclast polarization in bisphosphonate associated necrosis and osteoradionecrosis

Falk Wehrhan MD, DMD¹; Patrick Moebius¹; Kerstin Amann MD²; Jutta Ries¹; Raimund Preidl MD¹; Friedrich W. Neukam MD, DMD¹; Manuel Weber MD, DMD¹

¹ Department of Oral and Maxillofacial Surgery, Friedrich-Alexander University Erlangen-Nürnberg

² Institute of Pathology, Department of Nephropathology, Friedrich-Alexander University Erlangen-Nürnberg

Address correspondence and request for reprints to:

Manuel Weber MD, DMD

Department of Oral and Maxillofacial Surgery

Friedrich-Alexander University Erlangen-Nürnberg

Glueckstrasse 11, 91054 Erlangen, Germany

Phone: +49-9131-854-3749

Fax: +49-9131-853-4219

Email: manuel.weber@uk-erlangen.de

Short running title: macrophages and osteoclasts in BRONJ and ORN

Download English Version:

https://daneshyari.com/en/article/5640162

Download Persian Version:

https://daneshyari.com/article/5640162

<u>Daneshyari.com</u>