

Accepted Manuscript

Breast Osteoblast-like cells a reliable early marker for bone metastases from breast cancer

Manuel Scimeca, Chiara Antonacci, Nicola Toschi, Elena Giannini, Rita Bonfiglio, Claudio Oreste Buonomo, Chiara Adriana Pistolese, Umberto Tarantino, Elena Bonanno

PII: S1526-8209(17)30209-4

DOI: [10.1016/j.clbc.2017.11.020](https://doi.org/10.1016/j.clbc.2017.11.020)

Reference: CLBC 727

To appear in: *Clinical Breast Cancer*

Received Date: 3 April 2017

Revised Date: 29 October 2017

Accepted Date: 28 November 2017



Please cite this article as: Scimeca M, Antonacci C, Toschi N, Giannini E, Bonfiglio R, Buonomo CO, Pistolese CA, Tarantino U, Bonanno E, Breast Osteoblast-like cells a reliable early marker for bone metastases from breast cancer, *Clinical Breast Cancer* (2018), doi: 10.1016/j.clbc.2017.11.020.

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.

Breast Osteoblast-like cells a reliable early marker for bone metastases from breast cancer**Running head: Breast Osteoblast-like cells and bone metastasis**

Manuel Scimeca^{1,2,3}, Chiara Antonacci¹, Nicola Toschi^{4,5,6}, Elena Giannini¹, Rita Bonfiglio¹, Claudio Oreste Buonomo⁴, Chiara Adriana Pistolese⁴, Umberto Tarantino⁷ and Elena Bonanno^{1,8}.

*Manuel Scimeca and Chiara Antonacci equally contributed to the work.

¹Department of Experimental Medicine and Surgery, University "Tor Vergata", Via Montpellier 1, Rome 00133, Italy;

² OrchideaLab S.r.l., via del Grecale 6, Morlupo, Roma (RM), Italy;

³IRCCS San Raffaele Pisana, 00166, Rome, Italy.

⁴Department of Biomedicine and Prevention, University of Rome "Tor Vergata", Via Montpellier 1, Rome 00133, Italy;

⁵Martinos Center for Biomedical Imaging, Boston, MA, USA.

⁶Harvard Medical School, Boston, MA, USA

⁷Department of Orthopedics and Traumatology, "Tor Vergata" University of Rome, "Policlinico Tor Vergata" Foundation, Rome, Italy.

⁸TMALab s.r.l., Spin-off of University of Tor Vergata, Rome, Italy.

Corresponding Author

Elena Bonanno MD, PhD

Aggregate Professor of Pathology, Department of Experimental Medicine and Surgery, University of Rome Tor Vergata, Via Montpellier, 1, 00133 Rome Italy.

Phone: + 390620903913

Email address: elena.bonanno@uniroma2.it

Sources of support: This work has been supported by FILAS Grant FILAS-SO-2011–1076. Authors also thank both UCS Diagnostic S.r.l. and OrchideaLab S.r.l for technical support.

Disclosure/Conflict of Interest

There are no potential conflicts of interest relating to the manuscript (for each authors), and there were no extramural sources supporting this research (excluding sources already declared). The study is original and the manuscript has not been published yet and is not being considered for publication elsewhere in any language either integrally or partially except as an abstract. All authors have agreed with the submission in its present (and subsequent) forms.

Download English Version:

<https://daneshyari.com/en/article/8612459>

Download Persian Version:

<https://daneshyari.com/article/8612459>

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