

Accepted Manuscript

Full Length Article

In silico, in vitro and antifungal activity of the surface layers formed on zinc during this biomaterial degradation

Marta M. Alves, Luísa M. Marques, Isabel Nogueira, Catarina F. Santos, Sara B. Salazar, Sónia Eugénio, Nuno P. Mira, M.F. Montemor

PII: S0169-4332(18)30850-X
DOI: <https://doi.org/10.1016/j.apsusc.2018.03.164>
Reference: APSUSC 38912

To appear in: *Applied Surface Science*

Received Date: 9 January 2018
Accepted Date: 21 March 2018

Please cite this article as: M.M. Alves, L.M. Marques, I. Nogueira, C.F. Santos, S.B. Salazar, S. Eugénio, N.P. Mira, M.F. Montemor, *In silico, in vitro* and antifungal activity of the surface layers formed on zinc during this biomaterial degradation, *Applied Surface Science* (2018), doi: <https://doi.org/10.1016/j.apsusc.2018.03.164>

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.



***In silico, in vitro* and antifungal activity of the surface layers formed on zinc during this biomaterial degradation**

Marta M. Alves^{*1}, Luísa M. Marques¹, Isabel Nogueira¹, Catarina F. Santos^{1,2}, Sara B. Salazar⁴, Sónia Eugénio^{1,3}, Nuno P. Mira⁴, M. F. Montemor¹

¹Instituto Superior Técnico, PT

²Instituto Politécnico de Setúbal, PT

³Universidade Atlântica, PT

⁴Instituto de Bioengenharia e Biociências, PT

^aCQE Instituto Superior Técnico, Departamento de Engenharia Química, Universidade de Lisboa, Av. Rovisco Pais 1049-001, Lisboa, Portugal

^bIBB, Instituto de Bioengenharia e Biociências, Instituto Superior Técnico, Department of Bioengineering, Avenida Rovisco Pais, 1049-001 Lisboa, Portugal

^cEST Setúbal, CDP2T, Instituto Politécnico de Setúbal, Campus IPS, 2910 Setúbal, Portugal

Corresponding Author

Marta M. Alves

martamalves@tecnico.ulisboa.pt

marta4alves@gmail.com

Phone: +351 21 841 77 64

Instituto Superior Técnico

Av. Rovisco Pais

1049-001 Lisboa

Portugal

Download English Version:

<https://daneshyari.com/en/article/7834099>

Download Persian Version:

<https://daneshyari.com/article/7834099>

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