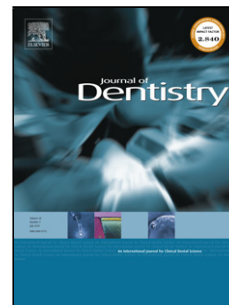


Accepted Manuscript

Title: Effect of a novel quaternary ammonium silane on dentin protease activities



Author: <ce:author id="aut0005" author-id="S0300571217300015-444a779bace3e37939b0d82db35f3d02"> D. Umer<ce:author id="aut0010" author-id="S0300571217300015-86667c3bd2ae71e2fec356aa823c526c"> C.K. Y. Yiu<ce:author id="aut0015" author-id="S0300571217300015-e034d49215c5d51e1e00c649d8c32630"> M.F. Burrow<ce:author id="aut0020" author-id="S0300571217300015-506fc52b8fb1359a4efb0c54097cae70"> L-N. Niu<ce:author id="aut0025" author-id="S0300571217300015-8c31b37dea284675044a6151a28735d0"> F.R. Tay

PII: S0300-5712(17)30001-5
DOI: <http://dx.doi.org/doi:10.1016/j.jdent.2017.01.001>
Reference: JJOD 2719

To appear in: *Journal of Dentistry*

Received date: 28-10-2016
Revised date: 30-12-2016
Accepted date: 3-1-2017

Please cite this article as: Umer D, Yiu CKY, Burrow MF, Niu L-N, Tay F.R. Effect of a novel quaternary ammonium silane on dentin protease activities. *Journal of Dentistry* <http://dx.doi.org/10.1016/j.jdent.2017.01.001>

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.

Effect of a novel quaternary ammonium silane on dentin protease activities

D. Umer¹, C.K.Y. Yiu^{1*}, M.F. Burrow², L-N. Niu³, F.R. Tay⁴

¹Paediatric Dentistry and Orthodontics, Faculty of Dentistry, The University of Hong Kong, Prince Philip Dental Hospital, 34 Hospital Road, Pokfulam, Hong Kong SAR, China

²Melbourne Dental School, The University of Melbourne, Australia

³State Key Laboratory of Military Stomatology, Fourth Military Medical University, Xi'an, Shaanxi, PR China

⁴Department of Endodontics, The Dental College of Georgia, Augusta University, Augusta, Georgia, USA

Key words: cysteine cathepsins; dentin; quaternary ammonium silane; matrix metalloproteinases

***Corresponding Author:**

Professor Cynthia Yiu
Paediatric Dentistry and Orthodontics
Faculty of Dentistry
The University of Hong Kong
Prince Philip Dental Hospital
34 Hospital Road, Pokfulam
Hong Kong SAR, China
Email: ckyiu@hkucc.hku.hk
Tel: 852-28590251
Fax: 852-25593803

Download English Version:

<https://daneshyari.com/en/article/5640689>

Download Persian Version:

<https://daneshyari.com/article/5640689>

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