Accepted Manuscript

Title: *In situ* effect of fluoride toothpaste supplemented with nano-sized sodium trimetaphosphate on enamel demineralization prevention and biofilm composition

Authors: Nayara Gonçalves Emerenciano, Alberto Carlos Botazzo Delbem, Juliano Pelim Pessan, Gabriel Pereira Nunes, Francisco Nunes Souza Neto, Emerson Rodrigues de Camargo, Marcelle Danelon

PII: S0003-9969(18)30264-4
DOI: https://doi.org/10.1016/j.archoralbio.2018.09.019
Reference: AOB 4262

To appear in: *Archives of Oral Biology*

Received date: 15-6-2018
Revised date: 26-9-2018
Accepted date: 29-9-2018

Please cite this article as: Emerenciano NG, Botazzo Delbem AC, Pessan JP, Nunes GP, Souza Neto FN, de Camargo ER, Danelon M, *In situ* effect of fluoride toothpaste supplemented with nano-sized sodium trimetaphosphate on enamel demineralization prevention and biofilm composition, *Archives of Oral Biology* (2018), https://doi.org/10.1016/j.archoralbio.2018.09.019

In situ effect of fluoride toothpaste supplemented with nano-sized sodium trimetaphosphate on enamel demineralization prevention and biofilm composition

Short title: Fluoride toothpastes with nano-sized sodium trimetaphosphate

Nayara Gonçalves Emerenciano[a], Alberto Carlos Botazzo Delbem[a], Juliano Pelim Pessan[a], Gabriel Pereira Nunes[a], Francisco Nunes Souza Neto[b], Emerson Rodrigues de Camargo[b], Marcelle Danelon[a].

[a]São Paulo State University (Unesp), School of Dentistry, Araçatuba
Department of Pediatric Dentistry and Public Health
Rua José Bonifácio 1193 Araçatuba, SP - Cep 16015-050 – Brazil
[b]LIEC-Department of Chemistry, Federal University of São Carlos (UFSCar), 13565-905, São Carlos/São Paulo, Brazil

Corresponding author:
Marcelle Danelon

São Paulo State University (UNESP), School of Dentistry, Araçatuba

Department of Pediatric Dentistry and Public Health

Rua José Bonifácio 1193

16015-050 Araçatuba – SP - Brazil

Tel. +55 18 3636 3235

Fax +55 18 3636 3332

Email:marcelledanelon@hotmail.com

Highlights

- 1100F/TMPnano promoted a greater protective effect against enamel demineralization;
- TMPnano affects the enamel demineralization in depth and biofilm composition;