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

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***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

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Highlights

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

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