

Review of: "Oral streptococci subvert the host innate immune response through hydrogen peroxide"

Osamu Wada-Hiraike

Potential competing interests: The author(s) declared that no potential competing interests exist.

Tang YL et al. demonstrated interesting feature in periodontal health.

Most of data are supposed to be fine, but I have several questions to be answered.

1. The authors used macrophage cell lines to demonstrate physiological function that occur after infection of Streptococci. However, the environment is completely different from oral environment. Do you have any histological finding that the Nrf2 pathway is activated during periodontal disease?
2. Fig 2 is too vague to judge. I think quantification is mandatory.
3. The authors also demonstrated that NFkB pathway is activated by luciferase assay. In my opinion, phosphorylation of IkB can be shown by this assay.