

**PERBEDAAN DAYA ANTI BAKTERI ANTARA EKSTRAK BAWANG
PUTIH (*Allium sativum*) DAN BAWANG BOMBAY (*Allium cepa*)
TERHADAP *Streptococcus mutans***

***(THE DIFFERENCE ANTIBACTERIAL EFFECT BETWEEN GARLIC
EXTRACT (*Allium sativum*) AND ONION (*Allium sativum*) ON *Streptococcus
mutans****

ABSTRACT

Background. There are many plants in our planet that have advantages to solve health problem such as caries. There are garlic and onion that have antibacterial effect on *Streptococcus mutans*. Garlic and Onion have antibacterial effect because both of them have allicin. This compound exhibits antibacterial and anti-fungal properties. However, onion has another antibacterial too, flavonoid (especially quercetin). **Purpose.** This aim of this study was to know the difference antibacterial effect between garlic extract and onion extract on *Streptococcus mutans*. **Method.** Garlic and onion extract used maceration. Maceration refers to soaking or steeping a substance so that it softens. This experimental used agar diffusion method too. Agar diffusion method is a means of measuring the effect of an antimicrobial agent against bacteria grown in culture. **Results** There was differential antibacterial between garlic extract and onion extract on *Streptococcus mutans*. **Conclusion.** Garlic extract has more antibacterial effect on *Streptococcus mutans* than Onion.

Keywords : antibacterial, garlic, onion.