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**UJI DAYA HAMBAT EKSTRAK DAUN BELIMBING WULUH (*Averrhoa bilimbi* linn)  
TERHADAP PERTUMBUHAN BAKTERI *Staphylococcus aureus*  
(Studi Di Laboratorium Mikrobiologi STIKes ICMe Jombang)**

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**ABSTRAK**

**Pendahuluan :** *Staphylococcus aureus* saat ini menjadi penyebab permasalahan kesehatan yang sangat penting dikarenakan peningkatan bakteri yang resisten terhadap berbagai macam jenis antibiotik. Kejadian resistensi ini bisa dicegah dengan bahan alami, dengan belimbing wuluh (*Averrhoa bilimbi* linn) pada proses pengobatan. Penelitian ini bertujuan untuk mengetahui daya hambat ekstrak daun belimbing wuluh terhadap pertumbuhan bakteri *Staphylococcus aureus*.  
**Metode penelitian :** Penelitian ini bersifat deskriptif dengan populasi isolat Bakteri *Staphylococcus aureus*, dilakukan di Laboratorium Mikrobiologi STIKes ICMe Jombang Kampus B. Pengolahan data menggunakan metode *Tabulating* dengan konsentrasi ekstrak daun belimbing wuluh 5%, 10%, 25%, 50% dan 100%.  
**Hasil :** Hasil penelitian menunjukkan bahwa konsentrasi 5%, 10%, dan 25% membentuk zona hambat sebesar 6 mm, 50% membentuk zona hambat sebesar 7 mm, dan 100% membentuk zona hambat sebesar 8 mm.  
**Kesimpulan :** Kesimpulan dari hasil penelitian ekstrak daun Belimbing Wuluh (*Averrhoa bilimbi* linn) pada konsentrasi 5%, 10%, 25%, 50% dan 100% mampu menghambat pertumbuhan bakteri *Staphylococcus aureus*.  
**Saran :** Diharapkan kepada bapak ibu dosen untuk melaksanakan pengabdian masyarakat guna penyuluhan/pemberian informasi mengenai manfaat daun Belimbing wuluh dalam mengobati luka.

**Kata kunci :** Antibiotik, Ekstrak daun Belimbing Wuluh (*Averrhoa bilimbi* linn), *Staphylococcus aureus*

**INHIBITORY TEST OF STARFRUIT LEAF EXTRACT (*Averrhoa bilimbi* linn) ON THE  
GROWTH OF *Staphylococcus aureus* BACTERIA  
(Study at Microbiology Laboratory of STIKes ICMe Jombang)**

**ABSTRACT**

**Introduction :** *Staphylococcus aureus* is currently the cause of very important health problems due to the increase in bacteria resistant to various types of antibiotics. The incidence of this resistance can be prevented with natural ingredients, with starfruit (*Averrhoa bilimbi* linn) in the treatment process. This study aims to determine the inhibition power of starfruit leaf extract against the growth of *Staphylococcus aureus* bacteria. **Research purposes :** This research was descriptive in nature with a population of *Staphylococcus aureus* bacteria isolates, carried out at the STIKes ICMe Jombang Campus Microbiology Laboratory. Data processing used the *Tabulating* method with 5%, 10%, 25%, 50% and 100% concentrations of starfruit leaf extract. **Results :** The results showed that concentrations of 5%, 10%, and 25% formed inhibition zones of 6 mm, 50% formed inhibition zones of 7 mm, and 100% formed inhibition zones of 8 mm. **Conclusions :** The conclusion from the research results of the leaf extract of Belimbing Wuluh