Antibacterial activity of *Minquartia guianensis* extracts and phytochemical evaluation

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**Abstract:** The species *Minquartia guianensis* (Olacaceae) is found in the Amazon region and also in Nicaragua, Panama and Costa Rica. Indigenous people from Ecuador use the bark infusion for intestinal infections treatment caused by parasites, against muscular pain and cutaneous irritations. For this reason, the aim of this work was to evaluate the antibacterial activity of *M. guianensis* extracts over Gram-negative (*Shigella flexneri* M90T, *Salmonella choleraesuis* 6958, *Escherichia coli* E2348/69) and Gram-positive bacteria (*Methicillin-Resistant Staphylococcus aureus* 33591, *Methicillin-Sensible Staphylococcus aureus* 25923, *Bacillus cereus* 9634, *Bacillus lichenficiens* clinical isolated). These bacteria are diarrhea related, which causes several child death in tropical regions. The active extract is under fractionation (leaf DCM) and until now, four triterpene were isolated lupeol, taraxerol, lupenona and squalene, but it was not possible yet to assay the substances, because of their small amount.

**Key words:** Antibacterial Activity, *Minquartia guianensis*, Olacaceae, Gram-positive bacteria, Gram-negative bacteria

**Nashafat al-mushadat al-bikteriya li-mustakhulu nasbat Minquartia guianensis**

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**References**

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**505**