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## Linum usitatissimum as an antimicrobial agent and a potential natural healer: A review

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ARCHIVES OF OROFACIAL SCIENCE

Volume: 13 Issue: 2 Pages: 55-62

Published: DEC 2018

Document Type: Review

## Abstract

Linum usitatissimum commonly known as flaxseed is one of the oldest crops traditionally cultivated mainly for its oil purposes. Flaxseed is widely known for its rich source of nutritive and bioactive compounds. Recently, it has gained considerable interest due to the potential health benefits attributed to its component of metabolites, including its antimicrobial properties. Two main components of flaxseed, the unsaturated fatty acids and lignan, are suggested as the main metabolites that exhibit antimicrobial activities. This paper aims to give an overview on fatty acid and phenolic compound in flaxseed and their possible activities as antimicrobial agents.

## Keywords

**Author Keywords:** Alpha linolenic acid; antimicrobial; flaxseed; lignan; phenolic compound

**KeyWords Plus:** FLAXSEED OIL; ANTIBACTERIAL ACTIVITY; ANTIFUNGAL ACTIVITY; ACIDS; LIGNANS; SECOISOLARICICRESINOL; ANTIOXIDANT; EXTRACTION; PRODUCTS; TARGET

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## Funding

Funding Agency	Grant Number
Ministry of Higher Education, Malaysia (MoHE)	FRGS 15-252-0493

[View funding text](#)

## Publisher

UNIV SAINS MALAYSIA, SCH DENTAL SCIENCES, HEALTH CAMPUS, KUBANG KERIAN, KELANTAN, 16150, MALAYSIA

## Categories / Classification

**Research Areas:** Dentistry, Oral Surgery & Medicine

**Web of Science Categories:** Dentistry, Oral Surgery & Medicine

## Document Information

**Language:** English

**Accession Number:** WOS:000451866300001

**ISSN:** 1823-8602

**eISSN:** 2231-7163

## Other Information

**IDS Number:** HCSTW

**Cited References in Web of Science Core Collection:** 47

**Times Cited in Web of Science Core Collection:** 0

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## Citation Network

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