



INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES

Published by JK Welfare & Pharmascope Foundation

Journal Home Page: www.pharmascope.org/ijrps

Ten commonly available medicinal plants in Malaysia used for cosmetic formulations – A review

Siti Nurul Najiha Othman¹, Pei Teng Lum¹, Aina Akmal Mohd Noor¹, Nurul Azima Mazlan¹, Puteri Zarith Sofea Yusri¹, Nurin Fatini Ghazali¹, Hikmah Mohd Idi¹, Shazalyana Azman², Masitah Ismail³, Shankar Mani⁴, Mahendran Sekar^{*1}

¹Department of Pharmaceutical Chemistry, Faculty of Pharmacy and Health Sciences, Universiti Kuala Lumpur Royal College of Medicine Perak, Ipoh - 30450, Perak, Malaysia

²Bioengineering and Technology Section, Universiti Kuala Lumpur Malaysian Institute of Chemical & Bioengineering Technology, Alor Gajah - 78000, Melaka, Malaysia

³Department of Preclinical, Faculty of Medicine, Universiti Kuala Lumpur Royal College of Medicine Perak, Ipoh - 30450, Perak, Malaysia

⁴Department of Pharmaceutical Chemistry, Sri Adichunchanagiri College of Pharmacy, Adichunchanagiri University, BG Nagara, Nagamangala, Mandya - 571418, Karnataka, India



Article History:

Received on: 31 Dec 2019

Revised on: 29 Jan 2020

Accepted on: 30 Jan 2020

Keywords:

Cosmetics,
Herbal plants,
Malaysia,
Natural products

ABSTRACT

Malaysia is rich in natural and herbal resources which have the potential to be used as traditional medicine as well as cosmetics. These plant sources are used by the folklore to help in enriching their beauty. Leaves, fruits, flowers and roots of medicinal plants in Malaysia are used in cosmetic formulations to get different biological effects. Health issues with particular reference to skin issues, such as acne, dry skin, dull skin and alopecia can be alleviated by using these plants. Since time immemorial, herbal products have been used in maintaining and enhancing physical appearance of humans. Herbal cosmetics have growing demand in the world market and is an invaluable gift of nature. This review is about ten commonly available medicinal plants in Malaysia used in the cosmetic formulations which includes *Aloe vera*, *Curcuma longa*, *Cocos nucifera*, *Cucumis sativus*, *Melaleuca alternifolia*, *Punica granatum*, *Garcinia mangostana*, *Carica papaya*, *Lawsonia inermis* and *Hibiscus rosa-sinensis*. These are the ten plants that are commonly used traditionally in treating many skin conditions and hair problems. Different parts of the plant may produce different beneficial effects to the consumers. Using the herbal and natural ingredients in cosmetics alleviates the side effects almost to nil. This is predominantly lower than the side effects caused by synthetic cosmetics.

*Corresponding Author

Name: Mahendran Sekar

Phone: (6016) – 3346653

Email: mahendransekar@unikl.edu.my

ISSN: 0975-7538

DOI: <https://doi.org/10.26452/ijrps.v11i2.2073>

Production and Hosted by

Pharmascope.org

© 2020 | All rights reserved.

INTRODUCTION

Cosmetics can be defined as any product, composing and formulation that are used to apply to specific body parts to improve appearance. Lipstick, mascara, toner, blusher, hair oil are the examples of cosmetic which commonly used by an individual, especially women. There is an uptrend in the cosmetic consumers reflecting the growth of cosmetic industry. Cosmeceuticals are cosmetics that have pharmacological or medicinal ingredients which are intended to improve and bene-