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## Development and Evaluation of a Cosmetic Cream Formulation Containing Annona muricata Leaves Extract

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LATIN AMERICAN JOURNAL OF PHARMACY

Volume: 40 Issue: 2 Page: 258-266

Published: 2021

Document Type: Article

### Abstract

Cosmetics are being widely used globally for both woman and man. Annona muricata extract has strong anti-oxidant activity. Antioxidants can reduce the signs of aging and are known as anti-aging and anti-wrinkles. The aim of the present study was to formulate and optimize a best formulation of the cosmetic cream containing Annona muricata leaves extract. The blank cream was prepared using various types of emulsifiers at various concentrations. The aqueous phase and

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Evaluation of choosing the best formulation was based on the evaluations of microbial assay physical stability. Cream 8 was the best formulation of the blank cream due to the fulfillment of the parameters of the evaluations. The formula of cream 8 was added with 2%, 5% and 10% of A. muricata leaves extract. The A. muricata cream was physically stable and showed anti-oxidant activity. The final product of A. muricata cosmetic cream can be a potential antioxidant cosmetic cream to be marketed in the future.

### Keywords

**Author Keywords:** [Annona muricata](#); [anti-oxidant](#); [cosmetic](#); [cream](#); [excipients](#); [Glucamate Sse-20](#); [Novemer EC-2](#)

**Keywords Plus:** [OIL](#)

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### Categories/Classification

**Research Areas:** Pharmacology & Pharmacy

### Funding

Funding agency	Grant number
IIUM Research Management Centre post doctoral fellowship	RPDF 19-002-0012
Funding agency	

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**ISSN:** 0326-2383

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## Other Information

**IDS Number:** QP6VE

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## Journal information

**LATIN AMERICAN JOURNAL OF PHARMACY**

**ISSN:** 0326-2383

**Current Publisher:** COLEGIO FARMACEUTICOS PROVINCIA DE BUENOS AIRES, DEPT CIENTIFICO, CALLE 5 NO 966, LA PLATA 00000, ARGENTINA

**Journal Impact Factor:** [Journal Citation Report™](#)

**Research Areas:** Pharmacology & Pharmacy

**Web of Science Categories:** Pharmacology & Pharmacy

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