

Accepted Manuscript

Title: Carrageenan based hydrogels for drug delivery, tissue engineering and wound healing

Authors: Ramanathan Yegappan, Vignesh Selvaprithviraj, Sivashanmugam Amirthalingam, R. Jayakumar



PII: S0144-8617(18)30741-0
DOI: <https://doi.org/10.1016/j.carbpol.2018.06.086>
Reference: CARP 13760

To appear in:

Received date: 23-5-2018
Revised date: 18-6-2018
Accepted date: 20-6-2018

Please cite this article as: Yegappan R, Selvaprithviraj V, Amirthalingam S, Jayakumar R, Carrageenan based hydrogels for drug delivery, tissue engineering and wound healing, *Carbohydrate Polymers* (2018), <https://doi.org/10.1016/j.carbpol.2018.06.086>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Carrageenan based hydrogels for drug delivery, tissue engineering and wound healing

Ramanathan Yegappan, Vignesh Selvaprithviraj, Sivashanmugam

Amirthalingam, R. Jayakumar*

Centre for Nanosciences and Molecular Medicine, Amrita Institute of Medical
Sciences and Research Centre, Amrita Vishwa Vidyapeetham, Kochi-682041, India

*Corresponding Author: Dr. R. Jayakumar

(E-mail: rjayakumar@aims.amrita.edu)

Tel: +91-484-2801234

Fax: +91-484-2802020

Highlights

- Carrageenan hydrogels are versatile biomaterial for various biomedical applications
- Different approach for fabrication of carrageenan based hydrogels were summarized
- Various biomedical applications of carrageenan hydrogels have been discussed
- By adopting unique fabrication methods, therapeutic potential can be harnessed

Download English Version:

<https://daneshyari.com/en/article/7781477>

Download Persian Version:

<https://daneshyari.com/article/7781477>

[Daneshyari.com](https://daneshyari.com)