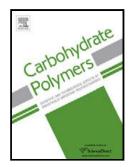
Accepted Manuscript

Title: Isolation, Purification and Structural Characterestics of Chondroitin Sulfate from Smooth hound Cartilage: *In vitro* Anticoagulant and Antiproliferative Properties

Authors: Fatma Krichen, Hajer Bougatef, Nadhem Sayari, Federica Capitani, Ikram Ben Amor, Imed Koubaa, Francesca Maccari, Veronica Mantovani, Fabio Galeotti, Nicola Volpi, Ali Bougatef



PII: S0144-8617(18)30694-5

DOI: https://doi.org/10.1016/j.carbpol.2018.06.040

Reference: CARP 13714

To appear in:

Received date: 13-4-2018 Revised date: 25-5-2018 Accepted date: 7-6-2018

Please cite this article as: Krichen F, Bougatef H, Sayari N, Capitani F, Ben Amor I, Koubaa I, Maccari F, Mantovani V, Galeotti F, Volpi N, Bougatef A, Isolation, Purification and Structural Characterestics of Chondroitin Sulfate from Smooth hound Cartilage: *In vitro* Anticoagulant and Antiproliferative Properties, *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.06.040

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.

Isolation, Purification and Structural Characterestics of Chondroitin Sulfate

from Smooth hound Cartilage: In vitro Anticoagulant and Antiproliferative

Properties

Fatma KRICHEN¹, Hajer BOUGATEF¹, Nadhem SAYARI¹, Federica CAPITANI², Ikram

BEN AMOR³, Imed KOUBAA⁴, Francesca MACCARI², Veronica MANTOVANI²,

Fabio GALEOTTI², Nicola VOLPI² and Ali BOUGATEF*1

¹ Laboratory of Plant Improvement and Valorization of Agroressources, National School of

Engineering of Sfax (ENIS), University of Sfax, Sfax 3038, Tunisia

²Department of Life Sciences, University of Modena and Reggio Emilia, Modena, Italy.

³ Regional Centre for Blood Transfusion in Sfax, El-Ain Road Km 0.5, CP 3003 Sfax, Tunisia

⁴ Faculty of Science of Sfax, Laboratory of Chemistry of Natural Products, University of Sfax,

Tunisia.

*Corresponding author: Tel.: +216 74 674 354; fax: 216 74 674 364;

E-mail addresse: ali.bougatef@isbs.usf.tn

1

Download English Version:

https://daneshyari.com/en/article/7781872

Download Persian Version:

https://daneshyari.com/article/7781872

<u>Daneshyari.com</u>