

## Accepted Manuscript

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

**Fatma KRICHEN<sup>1</sup>, Hajer BOUGATEF<sup>1</sup>, Nadhem SAYARI<sup>1</sup>, Federica CAPITANI<sup>2</sup>, Ikram BEN AMOR<sup>3</sup>, Imed KOUBAA<sup>4</sup>, Francesca MACCARI<sup>2</sup>, Veronica MANTOVANI<sup>2</sup>, Fabio GALEOTTI<sup>2</sup>, Nicola VOLPI<sup>2</sup> and Ali BOUGATEF<sup>\*1</sup>**

<sup>1</sup> *Laboratory of Plant Improvement and Valorization of Agroressources, National School of Engineering of Sfax (ENIS), University of Sfax, Sfax 3038, Tunisia*

<sup>2</sup> *Department of Life Sciences, University of Modena and Reggio Emilia, Modena, Italy.*

<sup>3</sup> *Regional Centre for Blood Transfusion in Sfax, El-Ain Road Km 0.5, CP 3003 Sfax, Tunisia*

<sup>4</sup> *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 address: [ali.bougatef@isbs.usf.tn](mailto:ali.bougatef@isbs.usf.tn)

Download English Version:

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

Download Persian Version:

<https://daneshyari.com/article/7781872>

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