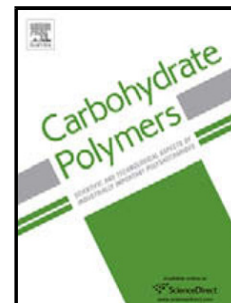


Accepted Manuscript

Title: A Holistic Approach to Unravelling Chondroitin Sulfation: Correlations between Surface Charge, Structure and Binding to Growth Factors

Authors: Raúl Benito-Arenas, Ernesto Doncel-Pérez, Mar Fernández-Gutiérrez, Leoncio Garrido, Eduardo García-Junceda, Julia Revuelta, Agatha Bastida, Alfonso Fernández-Mayoralas



PII: S0144-8617(18)31030-0
DOI: <https://doi.org/10.1016/j.carbpol.2018.08.120>
Reference: CARP 14017

To appear in:

Received date: 27-6-2018
Revised date: 12-8-2018
Accepted date: 27-8-2018

Please cite this article as: Benito-Arenas R, Doncel-Pérez E, Fernández-Gutiérrez M, Garrido L, García-Junceda E, Revuelta J, Bastida A, Fernández-Mayoralas A, A Holistic Approach to Unravelling Chondroitin Sulfation: Correlations between Surface Charge, Structure and Binding to Growth Factors, *Carbohydrate Polymers* (2018), <https://doi.org/10.1016/j.carbpol.2018.08.120>

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.

A Holistic Approach to Unravelling Chondroitin Sulfation: Correlations between Surface Charge, Structure and Binding to Growth Factors

Raúl Benito-Arenas^a, Ernesto Doncel-Pérez^b, Mar Fernández-Gutiérrez^c, Leoncio Garrido^d,
Eduardo García-Junceda^a, Julia Revuelta^{a*}, Agatha Bastida^{a*}, Alfonso Fernández-Mayoralas^a

^a *Departamento de Química Bioorgánica, Instituto de Química Orgánica General, CSIC, Juan de la Cierva 3, 28006 Madrid, Spain.*

^b *Laboratorio de Química Neuro-Regenerativa, Hospital Nacional de Parapléjicos, SESCAM, Finca la Peraleda s/n, 45071 Toledo, Spain.*

^c *Departamento de Biomateriales, Instituto de Ciencia y Tecnología de Polímeros, CSIC Juan de la Cierva, 3 28006 Madrid, Spain.*

^d *Departamento de Química-Física, Instituto de Ciencia y Tecnología de Polímeros, CSIC Juan de la Cierva, 3 28006 Madrid, Spain.*

Dedicated to Guillermo Corrales on the occasion of his retirement

*Corresponding author (J.R.): Departamento de Química Bio-Orgánica, Instituto de Química Orgánica General (IQOG-CSIC), CSIC, Juan de la Cierva 3, 28006 Madrid, Spain.

Tel: +34 912587679

E-mail address: julia.revuelta@iqog.csic.es

Download English Version:

<https://daneshyari.com/en/article/10141242>

Download Persian Version:

<https://daneshyari.com/article/10141242>

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