

Accepted Manuscript

Title: Spatial Structures of Rhamnogalacturonan I in Gel and Colloidal Solution Identified by 1D and 2D-FTIR Spectroscopy

Authors: Olga N. Makshakova, Dzhigangir A. Faizullin, Polina V. Mikshina, Tatyana A. Gorshkova, Yuriy F. Zuev



PII: S0144-8617(18)30323-0
DOI: <https://doi.org/10.1016/j.carbpol.2018.03.059>
Reference: CARP 13409

To appear in:

Received date: 8-11-2017
Revised date: 17-2-2018
Accepted date: 17-3-2018

Please cite this article as: Makshakova, Olga N., Faizullin, Dzhigangir A., Mikshina, Polina V., Gorshkova, Tatyana A., & Zuev, Yuriy F., Spatial Structures of Rhamnogalacturonan I in Gel and Colloidal Solution Identified by 1D and 2D-FTIR Spectroscopy. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.03.059>

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.

Spatial Structures of Rhamnogalacturonan I in Gel and Colloidal Solution Identified by 1D and 2D-FTIR Spectroscopy

Olga N. Makshakova^{a*}, Dzhigangir A. Faizullin^a, Polina V. Mikshina^a, Tatyana A. Gorshkova^a, Yuriy F. Zuev^{a,b}

^a*Kazan Institute of Biochemistry and Biophysics, Kazan Scientific Center, Russian Academy of Sciences, Lobachevsky str. 2/31, P.O. Box 30, 420111, Kazan, Russian Federation*

^b*Kazan State Power Engineering University, 420066, Kazan, Krasnoselskaya str. 51, Russian Federation*

Olga N. Makshakova* makshakova@kibb.knc.com (corresponding author)

Dzhigangir A. Faizullin dfaizullin@mail.ru

Polina V. Mikshina p.mikshina@gmail.com

Tatyana A. Gorshkova gorshkova@kibb.knc.ru

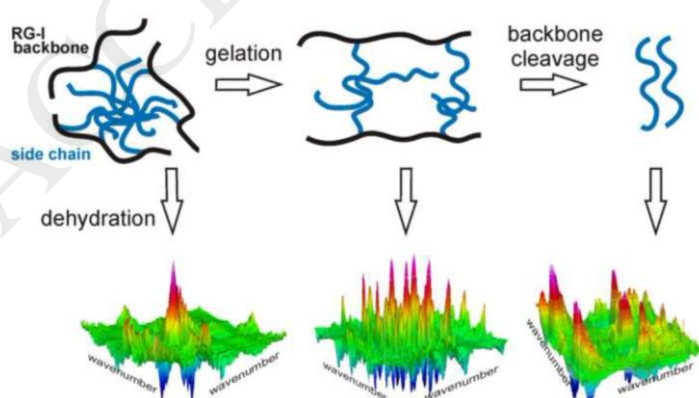
Yuriy F. Zuev yufzuev@mail.ru

*Corresponding Author

E-mail address: olga.makshakova@kibb.knc.ru (O.N. Makshakova).

Tel.: +7 843 231 90 37; *Fax:* +7 843 292 73 47.

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7782737>

Download Persian Version:

<https://daneshyari.com/article/7782737>

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