

Accepted Manuscript

Title: Pectin-silica gels as matrices for controlled drug release in gastrointestinal tract

Author: Fedor V. Vityazev Maiia I. Fedyuneva Victoria V. Golovchenko Olga A. Patova F.V. Elena A. Ipatova Eugene A. Durnev Ekaterina A. Martinson Sergey G. Litvinets



PII: S0144-8617(16)31102-X
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2016.09.048>
Reference: CARP 11575

To appear in:

Received date: 6-5-2016
Revised date: 12-9-2016
Accepted date: 15-9-2016

Please cite this article as: Vityazev, Fedor V., Fedyuneva, Maiia I., Golovchenko, Victoria V., Patova, Olga A., Ipatova, FV Elena A., Durnev, Eugene A., Martinson, Ekaterina A., & Litvinets, Sergey G., Pectin-silica gels as matrices for controlled drug release in gastrointestinal tract. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2016.09.048>

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.

Pectin-silica gels as matrices for controlled drug release in gastrointestinal tract

Fedor V. Vityazev ^{a,*}, Maiia I. Fedyuneva ^a, Victoria V. Golovchenko ^a, Olga. A. Patova ^a, F.V. Elena A. Ipatova ^b, Eugene A. Durnev ^c, Ekaterina A. Martinson ^c, Sergey G. Litvinets ^c

^a*Institute of Physiology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences, 50, Pervomaiskaya str., 167982 Syktyvkar, Russia*

^b*Institute of Chemistry, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences, 48, Pervomaiskaya str., 167982 Syktyvkar, Russia*

^c*Federal Government-financed Educational Institution of Higher Professional Education «Vyatka State University», 36, Moskovskaya str., 610000, Kirov, Russia*

* Corresponding author. Tel.: +7 8212 241001; fax: +7 8212 241001.

E-mail address: rodefex@mail.ru (F.V. Vityazev).

Download English Version:

<https://daneshyari.com/en/article/5157792>

Download Persian Version:

<https://daneshyari.com/article/5157792>

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