Innovative potential of higher education institutions in Russia: problems and solutions

© Olga V. Fedotova,¹* Anna B. Shipovskaya,²+ Raisa I. Kuzmina,³ and Tatiana Yu. Rusanova

¹ Department of Organic and Bioorganic Chemistry. ² Department of Polymers. ³ Department of Chemical Technology of Oil and Natural Gas. ⁴ Department of Analytical Chemistry and Chemical Ecology. Saratov State University, Astrakhanskaya St., 83, Saratov, 410012, Russian Federation.

Phone: ¹) +7 (8452) 51-69-60; ²) +7 (8452) 51-69-57; ³) +7 (8452) 52-50-07; ⁴) +7 (8452) 51-64-11.

E-mail: ¹) inchem@sgu.ru; ²) shipovskayaab@rambler.ru; ³) kuzminaraisa@mail.ru; ⁴) tatyanaarya@yandex.ru

*Supervising author; †Corresponding author

Keywords: higher education institutions of Russia, innovations, scientific research and development, chemical industry, higher-school science – industry link.

Abstract

The innovative capacity of Russian higher education institutions is analyzed. The results of our analysis of the existing demand for scientific studies and developments at the formation of the demand for technological, searching, problem-oriented and applied works by chemical industrial companies are presented. Some ways to strengthen the higher-school science – industry links are discussed.