



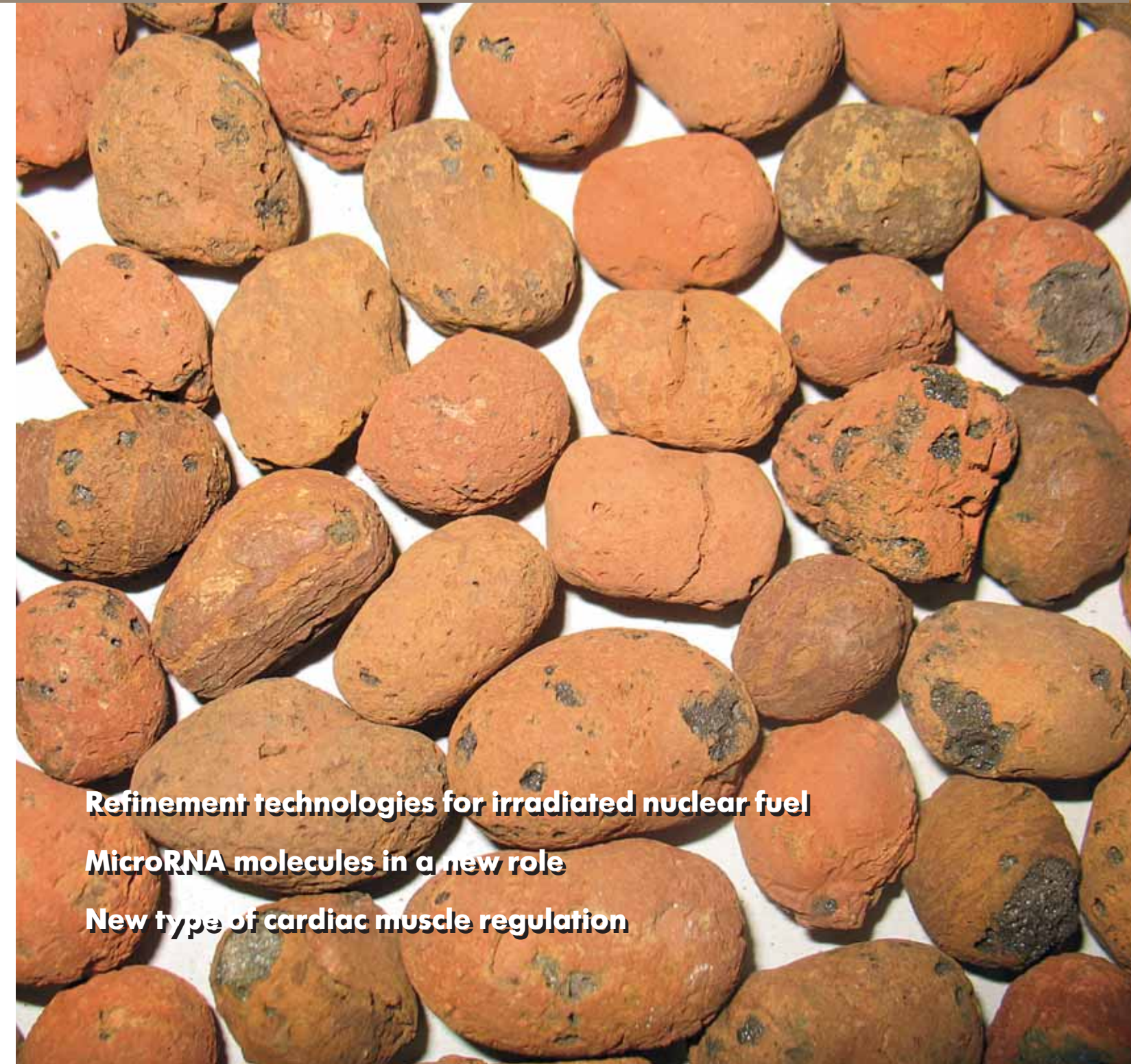
Back in the mid-eighteen hundreds Ernst Hoffmann, a natural scientist, organized several field expeditions to the Urals for large-scale explorations of that mountainous land. More on the pathfinders and their findings, in the upcoming number of our magazine.



# SCIENCE IN RUSSIA

RUSSIAN ACADEMY OF SCIENCES

Science in Russia, No.6, 2013



**Refinement technologies for irradiated nuclear fuel**

**MicroRNA molecules in a new role**

**New type of cardiac muscle regulation**

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# SCIENCE IN RUSSIA

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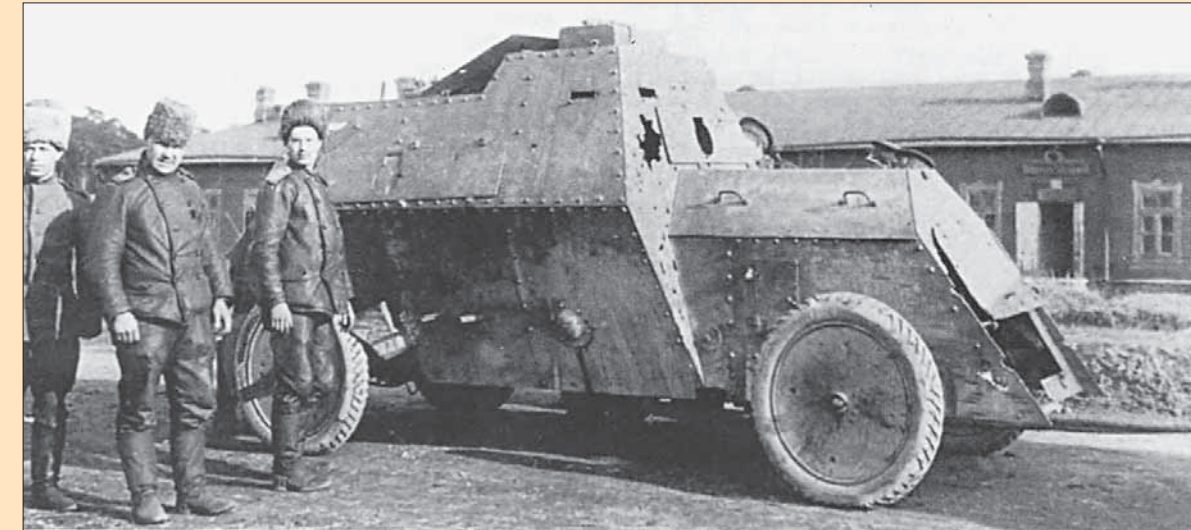
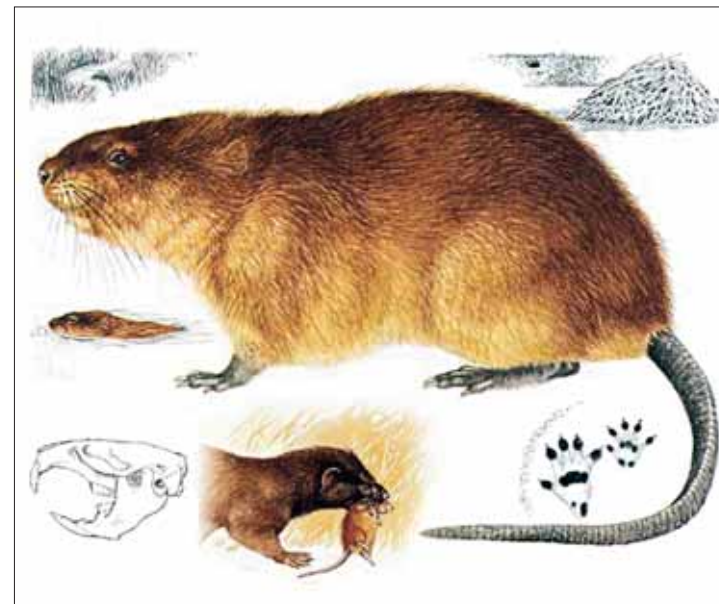
Russian Edition prepared by:  
**O. Bazanova, M. Khalizeva,**  
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**59** Achievements scored by metallurgy as a science and an industry are in many ways related to research in chemistry. Russian scientists figure prominently in this research. Suffice if we give such big names as Hermann Hess and Dmitry Mendeleev, Mikhail Pavlov and Ivan Sokolov... And Alexander Frumkin, too.

**95** Parasites—be it viruses or mammals—are a menace. More than that, they are a global problem. Invading ecosystems, alien parasitic species are capable of destroying such systems. Real killers indeed!



**The First World War of 1914-1918 spurred progress in world science and engineering. Russian scientists and engineers also made a significant contribution in creating new kinds of weaponry and defenses. Look for a story in the next issue of our magazine.**