



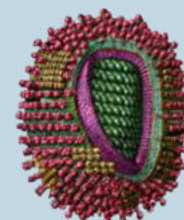
RUSSIAN ACADEMY OF SCIENCES Ural Branch



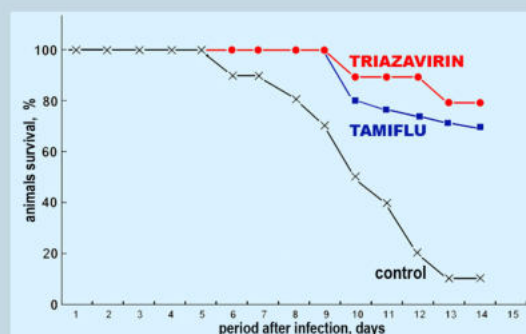
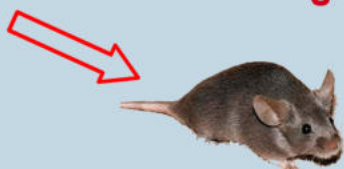
INSTITUTE OF ORGANIC SYNTHESIS

I. Postovsky Institute of Organic Synthesis
Ural State Technical University Influenza Institute

TRIAZAVIRIN – a new antiviral compound

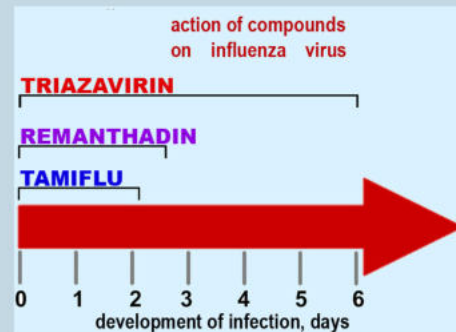


From compound
towards drug



The original family of antiviral compounds – azoloazines (structural analogues of purine bases) has been developed in I. Postovsky Institute of Organic Synthesis of the Ural Branch of the Russian Academy of Sciences in collaboration with the Urals State Technical University and Scientific Research Institute of Influenza. According to biological tests these compounds protect animals (60–90 % effectiveness) against infections caused by viruses of influenza, tick-borne encephalitis, respiratory infections and a number of others socially significant and very dangerous virus infections.

Compounds are protected by patents of the Russian Federation.



"Triazavirin", a representative of the new family of antivirals, exhibits a high efficiency in suppression of reproduction of dangerous human influenza viruses, including H5N1. Pharmacological characteristics of "Triazavirin" are higher than those of "Tamiflu" ("Hoffmann La Roche"), the only drug accepted for treatment of birds influenza, and such famous in Russia antiviral drugs, as «Arbidol» and «Remantadin». "Triazavirin" acts on all stages of the infectious process.

Experts appreciate the development of "Triazavirin" as one of the most significant achievements of Russian scientists in the field of antiviral drugs

20, S. Kovalevskoy Str., 620041 Ekaterinburg GSP-147, Russia
charushin@ios.uran.ru <http://www.ios.uran.ru>