

Russian regional scientists project proposals for participation in FP7

THEME 1: Health

[FP7-HEALTH-2010-single-stage](#)

[FP7-HEALTH-2010-two-stage](#)

[2.4. TRANSLATIONAL RESEARCH IN OTHER MAJOR DISEASES](#)

[3.5. SPECIFIC INTERNATIONAL COOPERATION ACTIONS FOR HEALTH SYSTEM RESEARCH](#)

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*Is interested in participation in a project that will be prepared and submitted in the following topics:
Automatisation of the process of drug development by the example of liquid dosage form*

Call identifier: FP7-HEALTH-2010-single-stage, FP7-HEALTH-2010-two-stage

Expertise offered:

Development of mixtures and technologies for new perspective combined drugs is being carried out on the basis of extensive reference source and of the creators experience.

According to IBM's research this process lasts 12-14 years and capital investment is about 600-800mln. dollars. There are of IT for intensification of this process will help to shorten the time of development process and to reduce its cost. The project intends:

- Creation of data base concerning concrete groups of drugs, particularly ophthalmologic drugs eye drops for glaucoma treatment taking into account modern drugs.
- Creation of data base of subsidiary drugs used in the technology of liquid drugs.
- Creation of quality criteria when choosing drugs and subsidiary substances.
- Creation of software product which helps to choose the mixture and technology of ophthalmologic drugs for glaucoma treatment.

Problems to be solved and results: algorithm of automatized development of mixture based on drugs data base and subsidiary drugs in order to develop and apply in industry new combined original drugs for glaucoma treatment.

New originate drug for glaucoma treatment based on effective modern substance.