



POSTGENOMIC CHEMISTRY

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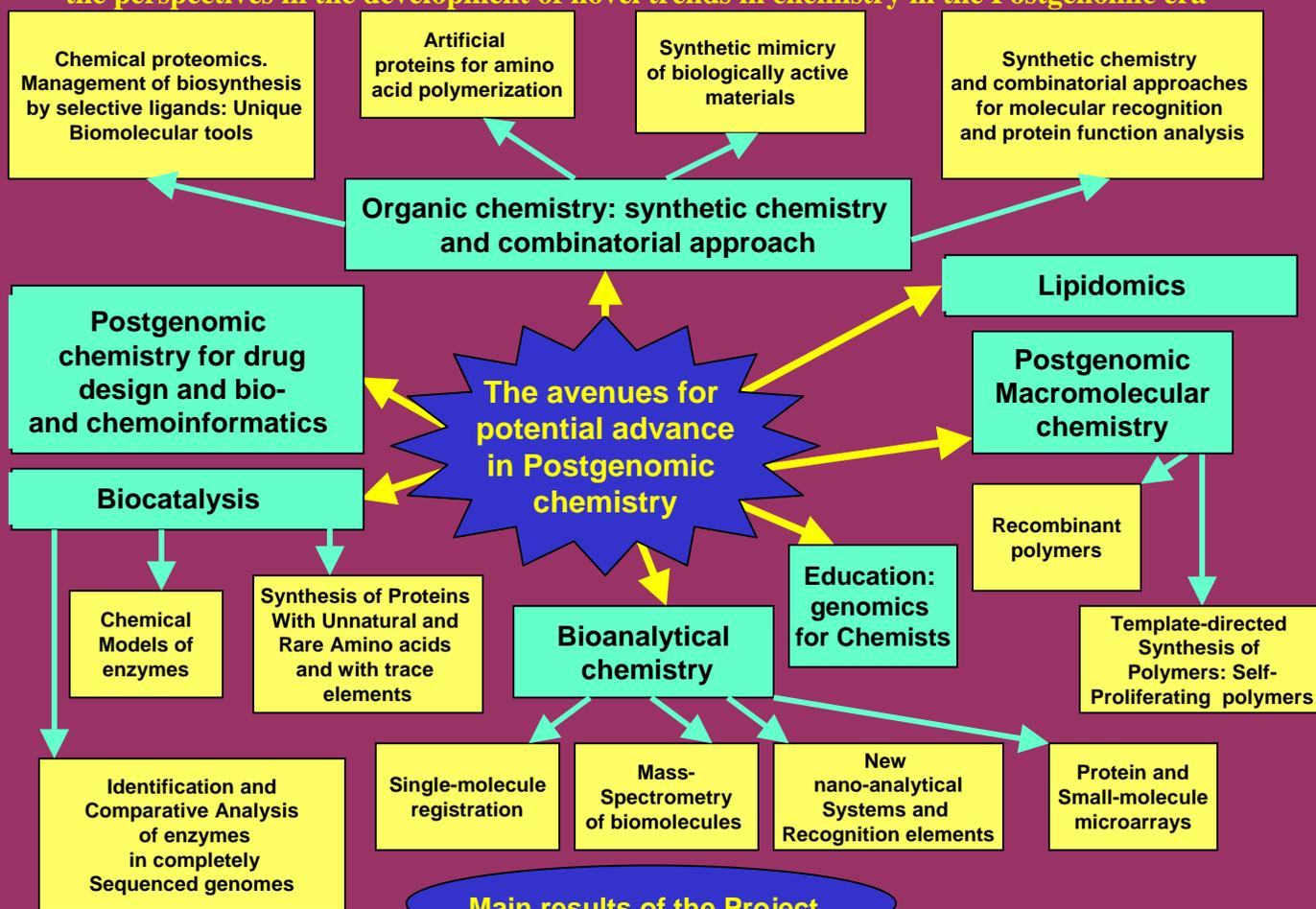
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Main aim of Project

To identify the most promising areas of chemistry that use genomic information and to mark the perspectives in the development of novel trends in chemistry in the Postgenomic era



More than 20 scientists from 11 countries (Belgium, Canada, Estonia, France, Germany, Italy, Poland, Russia, Sweden, UK, and USA) actively participated in the interdisciplinary project, which analyzed and discussed the most promising areas of bioorganic chemistry in light of information provided by recent advances in functional genomics;

* A workshop was organized in Moscow (September 6–8, 2003). It allowed experts to exchange views on chemistry in the postgenomic era and to discuss the implication of advances in genomics, proteomics, biomimetics, and biological and chemical informatics.

* The dissemination of these ideas was through lectures of experts involved in the discussion at various scientific forums:

- the XVII International Mendeleev Congress on General and Applied Chemistry (Kazan, Russia, September 21-26, 2003 (Varfolomeyev S.D.);

- *Pure Appl. Chem.*, 2004, 76, p.1781-1798 (S.D. Varfolomeyev, T.K. Aliev, E.N. Efremenko);

- *Chemistry International*, 2004, 26 (2), P.19