

Russian-German Co-operation in Life Sciences



Problems and Perspectives 2009

BIO NCP of Russia
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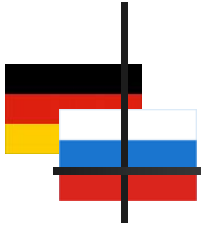
Visible joint initiatives

- XFEL (Free-Electron X-ray Laser)
- Photon Science (Russian-German cooperation in the development and application of photon sources based on accelerator technology)
- Co-operation in marine and polar research
- etc.



Success stories available

- German-Russian Virtual Network
“Computational systems biology”
- Deutsch-Russischer
Kooperationsverbund Biotechnologie
- Ost-West Wissenschaftszentrum



Intense contacts

- Russian-German Forum on Biotechnology, Puschino 1-3.10.08
- Russian-German Forum "Biotechnology and Bioinformatics" and Summer school of young scientists, Novosibirsk 15-19.06.09
- Russian-German Forum "Russia and Germany in the common European area", Moscow 11-13.11.09

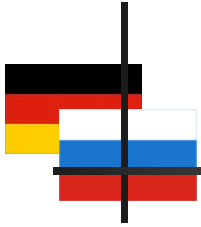
- Russian-German working meetings
 - Puschino 01.10.08
 - Moscow 15.05.09
 - Moscow 01.10.09
 - Moscow 11.11.09



Priorities

- Molecular medicine and biomedical research
- Systems biology and bioinformatics
- Postgenomic technologies, proteomics
- Industrial biotechnology

German-Russian Work Group on Biotechnology



- Russian part of the WG formed
- Provides mechanism for decision making and implementation
- Co-operation covers the whole field of Life Sciences
 - Health and Biotechnology in EC terminology



Aims of the WG

- Define priorities - done
- Catalogue existing bilateral collaborations in the specified priority areas
- Organization of Russian–German dissemination events
- Organization of Russian–German joint calls
- Promotion of Russian–German participation in international calls
 - FP7
 - ERA-NETs



Towards joint calls

- Define priorities - **done**
- Define topics within priority areas
e.g. within Industrial Biotechnology
 - Lignocellulose biorefinery
 - Anaerobic processes to access building blocks for chemical industry
 - ...
- WG to short-list suggested topics
- Agree the procedures
- Launch a call



Way forward

- Provide adequate leadership and political will
 - Formal contacts on the ministerial level are to be intensified and improved
- Communicate
- Partner with industry
- Co-operate in FP7



Personal remarks

- We were too slow and not too efficient in the past months
- We need to boost our activities
- We need a clear and feasible plan with well defined and verifiable targets to achieve



Thank you for attention



