

Industrial Biotechnology in Slovenia

Ljubljana, May 21st 2008

Country	Research institutes, initiatives and incentives	Advocate associations	Clusters, incubators and science parks	Funding sources
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Portugal	<ul style="list-style-type: none"> •National Institute for Industrial Engineering and Technology (Lisbon) •Gulbenkian Institute of Science (IGC) •IDEA (grants for applied research) •NEST (incentives for new companies) 	<ul style="list-style-type: none"> •ApBio (Associacao Portuguesa de Bioindustrias) 	<ul style="list-style-type: none"> •BioCant Park (Cantanhedes) 	<ul style="list-style-type: none"> •Agência de Inovação S.A. (AdI; Portuguese Innovation Agency) •Program on Science and Innovation (POCI) •Program of Incentives for Modernizing the Economy (PRIME)
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Romania	<ul style="list-style-type: none"> •New member 			<ul style="list-style-type: none"> •Biotech Program
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Slovakia	<ul style="list-style-type: none"> •Biotechnology in Slovakia 			
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Slovenia				<ul style="list-style-type: none"> •Slovenia Research Agency •Ministry of Economy
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Spain	<ul style="list-style-type: none"> •National Biotechnology Center (Madrid) •Genoma España •Cooperative Research Center (Madrid) •Center for Applied Medical Research (Pamplona) 	<ul style="list-style-type: none"> •Asebio, the Spanish Association of Bioenterprises (Madrid) •Spanish Society of Biotechnology (SEBIOT; Madrid) •BioEuroLatina •CataloniaBio 	<ul style="list-style-type: none"> •Bioregio Catalana •BioBask •BioMadrid •Medibiotech (Catalonia, Balearic Islands) 	<ul style="list-style-type: none"> •Spanish National Research Council •National Program of Biotechnology •Ministry of Economy •Center for the Development of Industrial Technology
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Sweden	<ul style="list-style-type: none"> •Competence Centers Program •Stem Cell and Cell Therapy Program •Center for Infectious Medicine •YIC scheme (under consideration) 	<ul style="list-style-type: none"> •SwedenBio (Stockholm) •MedCoast Scandinavia (Göteborg) 	<ul style="list-style-type: none"> •Karolinska Institutet Science Park AB (Stockholm) •Stockholm-Uppsala Bioregion •MedCoast (Göteborg) •Medicon Valley Cluster (Lund, Malmö) 	<ul style="list-style-type: none"> •Agency for Innovation •Research Council and Foundation for Research •Innovation Bridge (Innovationsbron AB) •Industriefonden
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PROGRAMME		
Time	Activity	People
9:00-9:30	Arrival, registration and refreshment	All
9:30-9:45	Welcome and opening / presentation of the National Institute of Chemistry and EuropaBio / presentation of objectives	Prof. Roman Jerala (NIC), Dr. Dirk Carrez (EuropaBio)
9:45-10:00	Introduction of participants	All
10:00-10:15	Presentation of SusChem and Strategic Research Agenda	Camille Burel (EuropaBio)
10:15-10:35	Presentation of biotechnology in FP7	DG Research
10:35-10:55	IB Biotech RTD in Spain	Asebio
10:55-11:15	Presentation of Biotech R&D in Slovenia	Prof. Peter Dovč (BF Uni Lj)
	Coffee break	
11:45-12:05	Presentation of Structural Funds	Josip Mihalic (Off. Local Self-Gov. and Regional Policy)
12:05-12:25	Presentation of policy agenda	Dr. Dirk Carrez (EuropaBio)
12:25-12:50	Presentation of policy in the field of biotechnology in Slovenia	Dr. Marija Škerlj (MHEST) & Prof. Peter Raspor (BF Uni-Lj)
12:50-13:00	Results from Technology Foresight Study	Dr. Peter Stanovnik (IER)
	Lunch break	

14:00-14:10	Presentation of University Incubator of Ljubljana	Dr. Lidija Honzak (LUI)
14:10-14:20	Slovenian Pharma: Expectations and Role of Biotech	Dr. Simona Jevševar (Lek-Sandoz)
14:20-14:30	Personal View on Slovenian Biotech Entrepreneurship	Dr. Miomir Kneževič (NIB)
14:30-15:30	General discussion and agreement on conclusions/recommendations (RTD)	All
	Coffee break	
16:00-17:00	Discussion on Slovenian strategy and means to support IB and bio-products development General discussion on coordination of activities at European and national level Conclusion	All

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R&D in biotechnology

- Increase funding for biotechnology
- Improve infrastructure
- Define priority areas
- ...

Biotech entrepreneurship

- Provide support for patenting –state sponsored or private institutions
- Provide support/connections for better commercialization of patents and licencing
- Formation of spin offs (currently not allowed for public sector)
- Formation of start ups with tight connection with academic institutions

Bottlenecks for biotech in Slovenia?

- Ideas
- Availability of funds – public/private
- Legal base for partnerships with academic institutions (Bayh-Dole act ?)
- Entrepreneurial spirit/ job security
- Governmental incentives (tax reductions, developmental funds, ...)

Biotechnology forum

- Individual or corporate membership ?
- Formal or nonformal organization ?
- Form an initiative committee
- Tasks:
 - Dissemination of the importance/successes of biotechnology
 - Suggestions to government/legislators how to improve the biotech entrepreneurial environment