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Next CLIB-Panel 2010:

**November 24<sup>th</sup>**

„Rubber - options for industrial biotechnology?“

## Drayton Valley (Alberta, Ca) seeks partners in syngas production

The Town of Drayton Valley, which is the host of our North-American Representation, wants to use its enormous resources in lignocellulosic carbon sources from wood and straw for industrial purposes. On the city's so called BioMile a fiber mat production is currently under construction. In the frame of the so called BIO-ARCC project the town wants to add a syngas facility first for clean power generation and later for (biotechnological) production of clean materials.

In order to identify potential partners and investors a representative of Drayton Valley visited Biotechnika in October and subsequently the Karlsruhe Institute of Technology . The BioLiq Process developed here and its pilot plant – which is funded by Germany's Fachagentur Nachwachsende Rohstoffe (FNR) – might be a model for this Canadian production site. The evaluation is ongoing with Dr. Kircher visiting Drayton Valley this week.



## CLIB explores Russian industrial biotechnology

Our efforts to increase CLIB's visibility in Russia pay off. In December 2010 Dr. Kircher is invited to the Annual Meeting of the Russian Biotechnology Association. In this meeting we expect to learn more about those regions in this vast country which might be of special relevance in partnering with our members. The republics of Tatarstan and Chuvash, as well as the regions of Kirov, Moscow and Novosibirsk are already prioritized by the Russian government and more republics are currently evaluated.



In the 1980s the Russian biotech industry served 5% of the world market but has dropped down to 0,2% today. Based on its still excellent foundation in science and its enormous resources in renewable carbon sources the Russian industry aims on recovery. Partnering with CLIB members is part of the strategy.

On occasion of the above mentioned meeting in Moscow, Dr. Kircher is invited to the Oblast Kirov in order to explore partnering opportunities. After careful analysis of further regions an official visit will be organized in 2011.

CLIB<sup>2021</sup> welcomes new members

BioCee Inc.



CLIB draws OECD's attention

After presenting the discussion paper "Trends in Technology and Applications in Industrial Biotechnology" to the OECD in January 2010 in Vienna, CLIB was invited to the international "Workshop on Building an Efficient Bio-Based Economy through Industrial Biotechnology". Representatives from Russia, Brazil, Germany, Belgium and Switzerland explained their strategy. In his invited lecture about R&D cluster organizations Dr. Kircher demonstrated how cooperation in our cluster accelerates the realization of the BioEconomy and how working in a cluster results in a competitive advantage for all members. Building clusters in different global regions should become part of the OECD's development strategy. However, only clusters with a critical size, a financial commitment of its members and a transparent and professional organization will have an impact and should be promoted.



We thank the International Bureau of the BMBF and ZAB for funding travel costs.

CLIB-Graduate Cluster welcomes 19 new students in autumn 2010



Resulting from the last application call, 19 candidates had been offered a fellowship in the CLIB-Graduate Cluster. These fellows have now begun their research in the different labs.

The 19 newcomers study at the three universities of the Cluster: Bielefeld, Dortmund and Duesseldorf. Their thesis projects range from meta-transcriptome analyses of the armpit to the comparative expression analyses in yeast systems to alternative protein purification procedures using polyelectrolytes.

You can find a listing of all CLIB-GC fellows and their research projects on our newly launched website:

[Link](#)

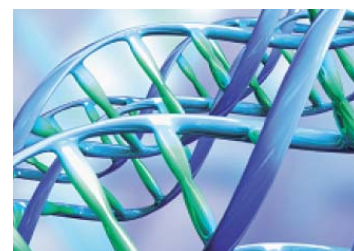
CLIB is part of the EU-KET strategy

**KETS OPEN DAYS**

**BIOTECHNOLOGIES**  
5 November 2010

On November 5<sup>th</sup> 2010 CLIB has been invited to give its view on Key Enabling Technologies (KET) in Industrial Biotechnology on occasion of the KET Open Day in Brussels. About 80 representatives of European policy, industry, academia and investors discussed which technology fields should be pushed

by special funding and promoted by political measures of the EU-commission. Dr. Kircher emphasized the industrial need of innovative and improved products, more cost-efficient processes and feedstock flexibility. When looking on the R&D efforts in Asia and South- and North-America all technology fields in industrial biotechnology must be supported with special attention on synthetic biotechnology, downstream processing and lignocellulosic carbon sources.



Dates & Events

- 21.-24.11.2010 ESF-BU-CeBiTec Conference: Microbes and Industrial Biotechnology, Bielefeld
- 24.11.2010 CLIB-Panel „Rubber - options for industrial biotechnology?“, Duesseldorf
- 01.-02.12.2010 New Biotrends in Green Chemistry, Dortmund