KILU Newsletter week 22, 2015-05-28

Talking heads

Dear All!

In the past few years we have seen a dramatic shift in external funding. There are more opportunities than ever and at the universities we are trying to learn to navigate a new landscape where we are expected to collaborate over infrastructure, define research agendas ourselves and co-finance many projects.

In recognition of this, the KILU day 2015 will have the theme *The future of funding - How do the agencies think?*

We are fortunate to have among the speakers the Director General of VINNOVA, Charlotte Brogren, the Secretary General for natural and engineering sciences of the Swedish Research Council, Lars Kloo, and the Executive Member of the board of the Wallenberg Foundation, Göran Sandberg. There will also be representatives from some of our local foundations.

The KILU day 2015 will be October 22nd. Save the date!

The work on fire safety at Kemicentrum continues. We have now installed sensors for inflammable fumes in one laboratory and we will conduct tests to evaluate this system to find out if such a warning system is adequate and during which circumstances it is necessary. At the risk of being repetitive we still stress that the most important aspect of our work with fire safety is the diligence of our coworkers. Stay alert!

/Viveka & Sven

News

Lactic acid bacteria can produce green chemicals

Lactic acid bacteria are not only good for the stomach. They are also useful for producing green chemicals. This is presented in a new thesis by Ramin Sabet Azad, PhD in biotechnology at the Department of Chemistry.

Press release/new article from Lund University: [Magbakterier kan producera gröna kemikalier](http://www.sydsvenskan.se/nyheter/sydsvenskan/151001/magbakterier-kan-producera-grona-kemikalier)

News article in the media: [Sydsvenskan, Miljö&Utveckling, Plastforum](http://www.sydsvenskan.se/nyheter/sydsvenskan/151001/magbakterier-kan-producera-grona-kemikalier)

Researcher from the Department of Chemistry winner of Venture Cup Syd

Peter Falk, researcher at the Division of Biotechnology and founder of the company Carbiotix is the winner of Venture Cup Syd. *Carbiotix* focuses on the development and commercialization of functional ingredients with unique prebiotic properties targeting food, dietary supplement, feed and personal care applications. Venture Cup is the largest competition for those looking to develop their business idea and start a business.

News article from Lund University: [Goda fiber vann innovationstävling](http://www.hd-sydsvenskan.se/nyheter/sydsvenskan/151001/goda-fiber-vann-innovationstaevling)

News article in the media: [HD-Sydsvenskan](http://www.hd-sydsvenskan.se/nyheter/sydsvenskan/151001/goda-fiber-vann-innovationstaevling)

Björn Lindman receives Lifetime Achievement Award

Börn Lindman, professor emeritus at the Division of Physical Chemistry has been awarded a Lifetime Achievement Award by the International Association of Colloid and Interface Scientists (IACIS). The award will be presented at the IACIS Conference in Mainz, Germany, in May.

Researchers in media
Maria Andersson from the Division of Biotechnology gives away her five best recommendations for researchers who want to succeed with their business idea in the latest issue of *LUM*.

**Hur forskare lyckas med sin affärsidé**

Sofi Elmroth was interviewed in *LUM* about her research on microRNAs, also known as non-coding RNAs which probably play a role in the origin of disease, as well as giving us new possibilities for treatments.

**MicroRNAs – A New path to treatment**

Spår som leder till att upptäcka sjukdom

Researchers from the Division of Biotechnology demonstrate how bacteria can help repair concrete cracks in a news article in *Process Nordic*. The method, Biomineralization, uses bacteria to repair concrete cracks. The need for finding new ways to maintain concrete constructions is large and the researchers have now found a very solid solution. Bakterier lagar betongsprickor

**Don't miss!**

**Honorary Doctorate Lectures at Lund University**

During May and June the Honorary Doctors at Lund University hold lectures open for the public.

See all the honorary doctorate lectures here.

An Honorary Doctorate Lecture in chemistry by Yeshayahu Talmon will take place the 28th of May, 10.00 at Astronomihuset. Title: "The way molecules self-assemble in liquids – an electron microscopy view".

**The Doctoral Degree Conferment Ceremony, May 29**

The Doctoral Degree Conferment Ceremony (Doktorspromotionen) takes place the 29th of May. Doctoral students from the Department of Chemistry participating: Anna Assarsson, Katja Bernfur, Risto Cukalevski, Dan Killander, Evelina Kulcinskaja, Jiayin Liu, Paulius Mikulskis, Cecilia Månsson, Anna Siegbahn, Maria Yakovleva, Anna Johansson Persson

More information about the Doctoral Degree Conferment Ceremony at Lund University

**Messages**

**Financial information**

**Indirect costs**

At the Department of Chemistry we are working with four levels of indirect costs: university, faculty, department and cost centre. The indirect costs are related to support and administrative activities as opposed to direct costs which, if we look at research as an example, are related to a specific project. A common misunderstanding is that the indirect costs charged to a cost centre automatically increase with the amount of direct costs. This is however not the case and the amount of indirect costs above the cost centre level, that is charged to the individual costs centres during the running year, is pre-set already in the budget. An additional grant and thus an extra project that a department initiates, means that the indirect costs can be shared among more projects and thus the burden of indirect costs for an individual project can be decreased.

If the budgeted mark-up for indirect costs is not adjusted during the year, even though the direct costs are higher than budgeted, e.g. due to an additional project, the deviation will be visible as an income (blue in figure below) for the cost centre and hence the total actual indirect costs for the three levels above the cost centre level will equal the budgeted level.
Communication officer on leave for one year

The Department of Chemistry's communication officer, Cecilia von Arnold, will be working with research communication at Lund University's central administration for one year, with start August 17th. There will be a substitute for Cecilia during this year.

Café Ester closes for the summer

Café Ester at Kemicentrum will be closed during the summer, with start the 8th of June. During the summer a large renovation of the café will take place and new contractors (Mötesplats CRC, the owners of Café Bryggan at IKDC) will take over the business. Café Ester is expected to open again in the beginning of September.

Information about Interlibrary loans during the summer

The interlibrary loan service is closed from 13 July to 31 July, when the Library of Chemistry and Chemical Engineering also is closed.

Be sure to do your interlibrary loan orders in good time before 13 July. More information will be posted on the library's website.

http://www.bibliotek.kc.lu.se/english

Opening hours at Kemicentrum during the summer

Library

<table>
<thead>
<tr>
<th>Date</th>
<th>Opening Hours</th>
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<tbody>
<tr>
<td>8 June – 10 July</td>
<td>10.00 - 12.00</td>
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<tr>
<td>13 July – 31 July</td>
<td>CLOSED</td>
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<tr>
<td>3 August – 14 August</td>
<td>10.00 - 12.00</td>
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<tr>
<td>17 August – 21 August</td>
<td>10.00 - 15.00</td>
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Regular opening hours from the 24th of August.

Information desk

<table>
<thead>
<tr>
<th>Date</th>
<th>Opening Hours</th>
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<tbody>
<tr>
<td>22 June – 7 August</td>
<td>10.00-12.00</td>
</tr>
<tr>
<td>10 August – 14 August</td>
<td>10.00-14.00</td>
</tr>
<tr>
<td>17 August</td>
<td>CLOSED</td>
</tr>
</tbody>
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Regular opening hours from the 18th of August.

CALENDAR

2015-05-28
Hedersdoktorsföreläsning av Yeshayahu Talmon
"The way molecules self-assemble in liquids – an electron microscopy view". 28 maj, kl. 10-11, Lundmarksalen, Astronomihuset

2015-05-28
Defence of thesis in Organic Chemistry
Henrik von Wachenfeldt, Kemicentrum, hall B at 13.00

2015-05-28
Defence of thesis in Molecular Biophysics
Wael Awad Mohamed (Abdelhady), Kemicentrum, Lecture hall C at 09.30

2015-05-28
Seminar
Lactic Acid Bacteria against Staphylococcus aureus in the milk production chain: applications from farm to fork. May 28th, 15.00, Kemicentrum, lecture hall F

2015-05-29
Defence of thesis in Applied Microbiology
Nikoleta Zeaki, Kemicentrum, Lecture Hall C at 10.15

2015-05-29
LU Biofuels Day

2015-05-29
LUBIRC frukostföreläsning: Konstgjort blod
Föredrag med Leif Bülow. 29 maj, 8.30-9.30, Marie Curie, Kemicentrum

2015-06-01
Seminar in Chemistry
Dimethyl Carbonate: Direct Synthesis from Carbon Dioxide and Utilization in Transesterification Reactions. By Dr. Laurent Plasseraud University of Burgundy-Dijon, France. 1 June at 15.15, the coffee room at CAS.

2015-06-04
Seminar: Bio-based production of biofuels and commodity chemicals using Saccharomyces cerevisiae
By Prof Christer Larsson, CHALMERS UNIVERSITY OF TECHNOLOGY, Gothenburg. June 4th, 15.00-16.00, Kemicentrum, lecture hall F

2015-06-05
Defence of thesis in Applied Microbiology
Jan Dines Knudsen, Kemicentrum, Lecture Hall B at 10.30

2015-06-08
Defence of thesis in Biotechnology
Marisa Punzi, Kemicentrum, Lecture Hall B at 10.00

2015-06-10
Advanced synthesis of materials using supercritical fluid technology
Lecture by professor Tadafumi Adschiri, Tohoku University, Japan. Kemicentrum, Lecture Hall A, 10th of June at 13.00

2015-06-10
Master Project Presentation
Orientation of Sticks and Spheres - Estimating Tensor Shape and Orientation Distribution using Diffusion NMR. Wednesday 10 June at 15:30 in Kemicentrum, Lecture hall F.

2015-06-12
Defence of thesis in Biochemistry
Sabeen Survery, Kemicentrum, Lecture Hall B at 10.15

2015-06-14
International symposium on Bioelectrochemistry and Bioenergetics
14–18 June, Orkanen, Malmö University.

2015-06-15
Physical Chemistry Seminar
Probing membrane structure using neutron reflection - elucidating the effect of lipid composition on the mechanism of membrane binding toxins and antimicrobials. 15 June at 14:15 in Kemicentrum, Lecture hall B.