



"Frontiers in Cell Toxicity Testing"

Organised by the Section of Toxicology, DSTFM and Scandinavian Society for Cell Toxicology (SSCT) Time: Wednesday 25th – Friday 27th September 2013
Place: Vilvorde Course Center, Charlottenlund, Denmark



Dear Colleagues,

The 29th workshop of Scandinavian Society for Cell Toxicology (SSCT) will be organized as a joint meeting with the DSTFM, section for toxicology, 25-27 September 2013 in Charlottenlund, Denmark. The theme is "Frontiers in Cell Toxicity Testing".

We are looking forward to have a meeting with up-to-date scientific knowledge. We wish you warmly welcome to Charlottenlund and call you to send abstracts to be presented as oral presentations or as posters.

On behalf of the Organizers

Tuula Heinonen
President, SSCT

Line Mathiesen
local organizer

Lisbeth E. Knudsen
BCPT responsible



Tuesday, September 24th, 2013

Arrival at the Course center for foreign guests. Travel best by train or bus. Detailed information will be provided.

Wednesday, September 25th, 2013

- 08:00 – REGISTRATION
09:00 – 09:15 Opening: *Tuula Heinonen, FICAM, University of Tampere, President of SSCT, FI*
- 09:15 – 12:00 **Session 1: New technologies in cell toxicity testing**
Chair: Tuula Heinonen, FICAM, University of Tampere, FI
- 09:15 – 10:00 Introduction to High Content analysis
Peter O'Brien, University College Dublin, IE (Keynote Speaker)
- 10:00 – 10:30 High Content Analysis/Screening for Cell Toxicology
Mikael Persson, Lundbeck, DK
- 10:30 – 10:45 *COFFEE BREAK*
- 10:45 – 11:30 “Mapping the Human Toxome”: Metabolomics in Cell assay studies, status and prospects and Adverse outcome approaches
Thomas Hartung, Johns Hopkins University – CAAT, US
- 11:30 – 12:00 Stem cells in human adipocyte assay in obesity research
Karsten Kristiansen, University of Copenhagen, DK
- 12:00 – 13:00 *LUNCH (SSCT board meeting)*
- 13:00 – 18:00 **Session 2: Pathways of toxicity**
Chair: Erwin Roggen, Novozymes, DK
- 13:00 – 13:30 “Adverse Outcome Pathway” approach (work of OECD on QSAR models in AOP)
Marianne Dybdahl, DTU Food, DK
- 13:30 – 14:00 In vitro approach for detection of skin and lung tissue sensitization
Erwin Roggen, Novozymes, DK
- 14:00 – 14:30 Fluorated chemicals’ effect on sex hormones
Anna Rosenmai, DTU Food, DK
- 14:30 – 15:45 *COFFEE BREAK AND POSTER VIEWING*
- 15:45 – 16:15 Adverse Outcome Pathways *Thomas Hartung, Johns Hopkins University – CAAT, US (to be confirmed)*
- 16:15-16:45 Application of Systems Biology for elucidating pathways of toxicity
Kristine Grønning Kongsbak, DTU Food, DK



- 16:45 – 17:15 Toxicogenomics
Roland Grafström, Karolinska Institute, SE
- 17:15 – 17:30 Free presentation
- 17:30 – 17:45 Free presentation
- 18:00 *DINNER and GET TOGETHER at VILVORDE COURSE CENTER*

Thursday, September 26th, 2013

- 09:00 – 12:00 **Session 3: *In vitro/ in silico* analysis for risk assessment**
Chair: Anne Marie Vinggaard, DTU Food, DK
- 09:00 – 09:45 Regulatory value of in vitro tests. The legislative situation in REACH, ,
Bohumila Bichlmaier-Suchanova, *ECHA, FI*
- 09:45 - 10:15 Alternative approaches to developmental neurotoxicity testing. New
developments in CAAT EUROPE
Marcel Leist, Konstanz University, DE
- 10:15 – 10:45 *COFFEE BREAK*
- 10:45 – 11:15 In vitro human cell and PBPT approaches,
Richard Judson, EPA, US
- 11:15 – 11:45 *in silico* approaches for prioritization of testing requirements for the
low volume chemicals
Patrik Andersson, Umeå University, SE
- 11:45 – 12:00 Free Presentation
- 12:00 – 13:00 *LUNCH*
- 13:00 – 14:30 **SSCT Historical lecture and BEMF award**
Chair: Hannah Tähti, FICAM, University of Tampere, FI
- 13:00 – 13:45 30 years anniversary of the SSCT-a historical Overview
Erik Walum, SE
- 13:45 - 14:40 **The Björn Ekwall Memorial Award Lecture**
Per Artursson, Uppsala University, SE
- 14:40 - 16:00 *COFFEE BREAK AND POSTER VIEWING*
- 16:00 – 17:00 *SSCT ANNUAL GENERAL MEETING*
17:00 – 17:30 *MEETING OF THE NEW SSCT BOARD*
- 18:30 Welcome drink
- 19:00 *BANQUET*



Friday, September 27th, 2013

- 09:00 – 12:00 **Session 4: 3D and ex vivo tissue models**
Chair: Lisbeth E. Knudsen, University of Copenhagen, KU
- 09:00 – 09:30 Placenta perfusion model
Lisbeth E. Knudsen, University of Copenhagen, DK
- 09:30 – 10:00 In vitro models goes to 3D: 3-D cardiovascular construct
Hanna Vuorenpää, FICAM, University of Tampere, FI
- 10:00 – 10:30 COFFEE BREAK
- 10:30 – 11:00 Skin transport models.
Jesper Bo Nielsen, University of Southern Denmark
- 11:00 – 11:30 Alternative cell models predicting sensitization
Malin Lindstedt, Lund University, SE
- 11:30 – 11:45 Free Presentation
- 11:45 – 12:00 Free Presentation
- 12:00– 13:00 *LUNCH*
- 13:00 – 14:15 **Session 5: In vitro tests for Human Biomonitoring**
Chair: Eva C. Bonfeld-Jørgensen, University of Aarhus, KU
- 13:00 – 13:30 In vitro tests for human biomonitoring
Eva C. Bonfeld-Jørgensen, University of Aarhus, DK
- 13:30 – 13:45 Micro nuclei and Dioxin-like activity in Danish School Children
Thit Aarøe Mørck, University of Copenhagen, DK
- 13:45 – 14:00 Free Presentation
- 14:00 – 14:15 Sponsor: Danish Animal Welfare Society, the committee for
Experimental animals
Chairman: Kirsten Rosenmaj Jacobsen
- 14:15 – 14:20 **Best Oral Presentation and Best Poster awards**
- 14:20 – 14:30 CLOSING OF THE WORKSHOP
- 14:30 – 15:00 COFFEE BREAK and DEPARTURE
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International Scientific Advisory Committee

Lisbeth E. Knudsen
Anne Marie Vingaard
Erwin L. Roggen
Eva C. Bonefeld-Jørgensen
Tuula Heinonen
Henrik Appelgren
Riina Sarkanen
Charlotte Berg
Jesper Bo Nielsen

Local Organizing Committee

Line Mathiesen
Lisbeth E. Knudsen

Workshop Secretariat

Line Mathiesen
Department of Public Health, University of Copenhagen.
Øster Farimagsgade 5.2.10, 1014 København K
lima@sund.ku.dk
tel: +45 353 27657

General information

Registration: Deadline for registration is June 20th, 2013

Late and on-site registrations possible, but dinner requests not guaranteed.

For registration, please fill the registration form and mail it to Line Mathiesen (lima@sund.ku.dk)

Registration fee:

The registration fee covers admission to SSCT workshop, abstract book, lunches, refreshments during coffee breaks, get-together dinner and banquet.

Fee for members, before May 25th, 2013:	290 Eur
Fee for non- members, before May 25th, 2013:	330 Eur
Fee for members, after May 25th, 2013:	390 Eur
Fee for non-members, after May 25th, 2011:	430 Eur
Fee for students:	180 Eur
Fee for one day:	150 Eur

Instructions for payment of registration fee:

It is very important to note: **project nr 35811 Line Mathiesen**

Outside Denmark:

Danske Bank

IBAN: DK73 0216 4069 0443 36

SWIFT: DABADKKK.



Inside Denmark

Danske Bank

Reg: 0216

Konto: 4069044336

projekt nr. 35811 Line Mathiesen.

Abstract submission:

Deadline for abstract submission is June 1st, 2013

Abstract size: one A4 page including title, authors with affiliations, body text with font size 12

Please send the abstract to Line Mathiesen (lima@sund.ku.dk)

Posters:

The size of the poster stand is height 125 cm and width 95 cm.

Proceedings:

We have applied for and been granted support from Basic & Clinical Pharmacology & Toxicology (BCPT) to be used for travel and accommodation expenses of all invited speakers, on the condition that each invited speaker will submit a manuscript of the talk in connection with the meeting. The manuscripts will be published in the form of invited MiniReviews in a special issue, which will be peer-reviewed and should conform to the form and style of the journal. MiniReviews should be up to 8 printed pages including a maximum of 50 references, according to author guidelines:

[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1742-7843/homepage/ForAuthors.html](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1742-7843/homepage/ForAuthors.html)

Deadline for submission of the manuscripts will be at the time of the meeting to ensure the review process and with a view to publication in the beginning of 2014. Please refer to Lisbeth E. Knudsen (liek@sund.ku.dk)

Prizes:

The Danish Animal Welfare Society will give young researchers awards to the best oral presentation and best poster consisting of 500 Eur each. The winners will be selected by the Scientific Committee.

The Danish Animal Welfare Society will give a poster award to the best poster presented by universities or NGO's contributing significantly to replace or reduce the number of laboratory animals used in animal experimentation or education related to cell toxicology. Specifically, original ideas and new methods with potential to create public awareness on the 3Rs; mainly replacement and reduction, will be favored. The results or methods presented should be based on a strong scientific background and be understandable to layman.

The award consists of financial support equivalent to 1000 euro to be used for reimbursement of expenses related to 3Rs activities (e.g., in support of research, dissemination activities or participation of the authors in relevant conferences or workshops).

The chairman of the committee for experimental animals as well as the responsible project manager from the Danish Animal Welfare Society will select the winning poster.



Workshop Venue and Transportation:

The venue of the Fincopa-29th SSCT-workshop will be the beautiful Conference Centre: Vilvorde (<http://www.vilvorde-kursuscenter.dk>). Vilvorde provides the peace and quiet of nature for the visitors. Ordrupgaard Art Museum is 400 metres away, Klampenborg Racecourse is 1 km from the hotel and Bernstorff Castle and its surrounding garden is a 10-minute walk away.

Address for Vilvorde Conference Center is Vilvordevej 70, 2920 Charlottenlund, tel: +45 39 63 78 83, email: Vilvorde@dsr.dk

You can reach Vilvorde by train from Copenhagen Central Station or Copenhagen Airport with the cost of 6,4 €, or by taxi approximately 28 €.

Copenhagen Airport Kastrup or Copenhagen Central Station is easy to reach by plane or by train from various cities in Denmark and by international flights.

Hotel Info:

The organizers have reserved all rooms in Vilvorde Conference Center, and booking will be done jointly by Line Mathiesen: lima@sund.ku.dk.

Hotel accommodation at Vilvorde Course center is 125 € per night including breakfast.

Address for Vilvorde Conference Center is Vilvordevej 70, 2920 Charlottenlund, tel: +45 39 63 78 83, email: Vilvorde@dsr.dk

If the participants prefer to make their hotel reservation in other hotels in Charlottenlund or Copenhagen, please contact hotels directly, e.g. <http://www.booking.com/>.

Social Programme:

Wednesday 25th September at 6 pm. Get together party, included in the registration fee, will be organized in the workshop venue (Vilvorde)

Thursday 22nd September at 6 p.m. Banquet (included in the registration fee) takes place at Vilvorde.

Commercial Options:

1) Exhibition fee of 450 euros for 5m² and 900 Eur for 10m². In addition 100 euros for advertisement in programme/abstract book. Distribution of brochures included

2) Advertisement in the programme/abstract book 350 Eur for ½ page

Advertisement in the programme/abstract book whole page 500 Eur for whole page. Distribution of brochures included.

3) Name on the Sponsor list in the programme/abstract book, 250 Eur. Distribution of brochures included