



## SECOND ANNOUNCEMENT PLANT STRESS NETWORK WORKSHOP

8 and 9 February 2006

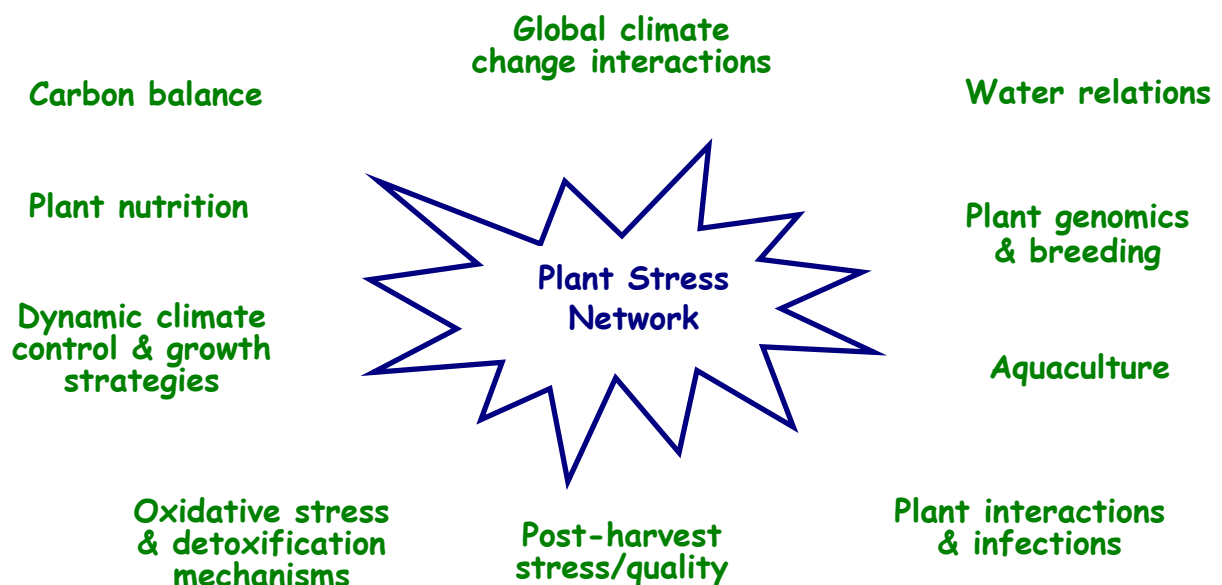
Dalum Landbrugsskole, Landbrugsvej 65, Odense

This second announcement of the Plant Stress Network workshop includes the draft programme and registration and accommodation form. Please supply the necessary information and return the registration and accommodation form as soon as possible and not later than 18 January 2006 to Bende Astrup ([Bende.Astrup@agrsci.dk](mailto:Bende.Astrup@agrsci.dk)).

As mentioned in the first announcement the main goal of the workshop is to find ways to continue to build a dynamic and solid research framework, which we can use to attract expertise, set up new research synergies and profiles, and obtain research grants. In order to achieve this goal the programme includes presentations highlighting new and innovative research suitable for linking up to other disciplines to solve a common problem, as well as time for breaking out into groups. We are relying on the speakers to give their talks the flavour of research perspectives and to present them in such a way so as to catch the interest of everyone present.

*Best wishes,*

*Janet Bornman*



# Programme

## Wednesday, 8 February 2006

- 10.00 - 10.30 Registration, rolls & coffee/tea
- 10.30 - 10.45 **Welcome & Introduction**  
*Janet F. Bornman, Danish Institute of Agricultural Sciences*
- 10.45 - 11.10 **Creating and detecting Reactive Oxygen Species, particularly singlet oxygen, at the sub-cellular level**  
*Peter Ogilby, Aarhus University*
- 11.10 - 11.35 **Title to come**  
*Birte Svensson, Christine Finnie and Birgit Bønsager, Technical University of Denmark*
- 11.35 - 12.00 **Common routes for the transport of ammonia and hydrogen peroxide: pure coincidence or the indication of a network between N nutrition and ROS signalling?**  
*Thomas Jahn, The Royal Veterinary and Agricultural University*
- 12.15 - 13.15 Lunch
- 13.15 - 14.15 **THEMATIC WORK GROUPS:**  
**Developing new links and integrating expertise and technology.**  
The aim of the work groups is to link expertise on different levels and to clarify potential integration between levels. The idea is also to pinpoint research needs to fill the gaps between different disciplines.
1. **Gene** ↔ **cell** (coordinator: Hans Thordal-Christensen)
  2. **Cell** ↔ **organism** (coordinator: Peter Ogilby)
  3. **Organism** ↔ **environment** (coordinator: Carl-Otto Ottosen)
- 14.15 - 14.45 Coffee/tea
- 14.45 - 15.10 **The involvement of ABA as a long distance chemical signal in crop drought adaptation**  
*Fulai Liu, The Royal Veterinary and Agricultural University, Taastrup*
- 15.10 - 15.35 **Aquaculture**  
*Hans Brix, Aarhus University, pending...*
- 15.35 - 16.30 **Report back by group coordinators; emerging strategies**
- 17.30 - 19.30 Dinner
- 19.30 - Evening get-together

## Thursday, 9 February 2006

- 07.30 - 08.30            Breakfast
- 08.45 - 09.00            **Status Summary**
- 09.00 - 09.25            **Continuous flux measurements as a tool to observe stresses in and strains on forests**  
*Andreas Ibrom and Teis N. Mikkelsen, Risø National Laboratory*
- 09.25 - 10.00            **Plant phototoxins formed in response to stress conditions such as pathogen attack or wounding**  
*Santi Nonell, Grup d'Enginyeria Molecular, Institut Quimic de Sarria, Barcelona, Spain*
- 10.00 - 10.30            Tea/coffee
- 10.30 - 10.55            **Interplay between stress defence mechanisms**  
*Hans Thordal-Christensen, The Royal Veterinary and Agricultural University, Copenhagen*
- 10.55 - 11.20            **Dynamic climate control & growth strategies: Intelligrow**  
*Carl-Otto Ottosen, Danish Institute of Agricultural Sciences*
- 11.20 - 11.45            **Environmental control of flavonoid biosynthesis. Perspectives for food improvement**  
*Wolfgang Bilger, Botanisches Institut, Kiel, Germany*
- 11.45 - 12.10            **How do plants sense phosphate?**  
*Renate Müller, The Royal Veterinary and Agricultural University, Copenhagen*
- 12.15 - 13.15            Lunch
- 13.15 - 13.40            **Controlled stress with regard to improving post-harvest plant quality**  
*Conny Wang Hansen, Danish Institute of Agricultural Sciences*
- 13.40 - 14.20            **THEMATIC WORK GROUPS: Emerging projects**  
What are the obvious possibilities for networking - which emerging technologies might be important for the Systems Biology approach?
- 14.20 - 14.50            Coffee/tea
- 14.50 - 15.30            **Report back by group coordinators**
- 15.30 - 16.00            **Conclusions and plan of actions**



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### How to get there

**Location - ca 4 km from Odense**

**Dalum Landbrugsskole**

Landbrugsvej 65

DK-5260 Odense S

Tel.: +45 66132130; Fax: +45 66132331

Email: dalumls@dalumls.dk



#### **Coming by car**

- Motorway E20, Exit 50. Then turn north along Svendborgvej towards Odense
- At first traffic circle, second road straight ahead
- Continue until Landbrugsvej, right turn
- Follow the signs for Dalum Landbrugsskole

#### **Coming by train**

From the railway station in Odense you can either take a taxi to Dalum Landbrugsskole or one of the following local bus lines: no 21 or 23. Ask to get off at Landbrugsvej for Dalum Landbrugsskole. The timetables can be found at <http://www.odense.dk/topmenu/by-milj%c3%b8/trafik/busser.aspx>.

#### **Coordinator:**

Janet F. Bornman

Janet.Bornman@agrsci.dk; tel. +45 89993568

Danish Institute of Agricultural Sciences (DIAS)

Department of Genetics & Biotechnology

Research Centre Flakkebjerg

DK-4200 Slagelse