



ACPFG

AUSTRALIAN
CENTRE FOR PLANT
FUNCTIONAL GENOMICS
PTY LTD



Registration Brochure

2009 ACPFG Genomics Symposium
The Genomics of Salinity



Holiday Inn Adelaide, South Australia
16–18 November 2009

GRDC

Grains
Research &
Development
Corporation

www.acpfg.com.au



Registration Brochure

Introduction

This year, the Australian Centre for Plant Functional Genomics, has based its annual symposium on the Genomics of Salinity.

Why salinity?

- It is estimated that salinity costs Australian grain growers around \$200 million annually, and the problem is worsening.
- Salinity affects nearly all grain producing areas every year.
- Salinity interacts with other stresses such as drought, reducing plants' ability to tolerate those other stresses.

SALINITY IS NOT ONLY AN ISSUE FOR AUSTRALIAN FARMERS:

- 20% of the world's irrigated land is salt affected;
- One third of the world's food is produced on irrigated land.

Given the impact and severity of salinity, an abiotic stress characterised by increases in a range of ions and osmotic pressure, researchers need to work together to develop innovative solutions – for researchers, farmers and consumers.

This year's ACPFG Genomics Symposium will generate an atmosphere for open discussion and vigorous debate around the genomics of plant responses to salinity, bringing together leading international researchers to exchange innovative ideas and latest research.

Preliminary Program Structure

DAY 1: FIELD AND YIELD

- The saline environment
- Studying salinity tolerance in the field
- Breeding for salinity tolerance

DAY 2: PHYSIOLOGY AND TRAIT DISSECTION

- Techniques of salinity tolerance assessment
- Traits that contribute to salinity tolerance

DAY 3: GENES AND MACHINES

- Genetics of salinity tolerance in wheat and barley
- Genomics of salinity tolerance
- Candidate genes contributing to salinity tolerance

Conference Proceedings

The Symposium will be held from Monday 16th to Wednesday 18th November 2009 at the Holiday Inn Adelaide, 65 Hindley Street Adelaide, South Australia (view www.holidayinn.com.au).

Each day will commence with a keynote talk, followed by a shorter series of talks where international and national researchers will provide an overview of recent advances in the fields of molecular genetics, genomics and genetic analysis.

We also invite involvement through poster presentation and displays. Further details are in the registration brochure (available at www.acpfg.com.au).

The final program can be viewed at: www.plantaccelerator.org.au/newsandevents/acpfgseminar.html



ACPF Annual Research Meeting Salinity 16th to 18th November 2009 Program

MONDAY 16TH NOVEMBER FIELD AND YIELD

- 09:00 Welcome
- 09:15 Saline soils
Pichu Rengasamy (*University of Adelaide*)
- 09:45 The economic impact of salinity
Mike Ewing (*CRC Future Farm Industries*)
- 10:15 Salinity tolerance in barley – a breeder's perspective
Stewart Coventry (*Barley Breeding Australia*)
- 10:45 Morning tea**
- 11:15 Breeding for salinity tolerance in barley
Meixue Zhou (*Uni Tasmania*)
- 11:45 Field studies of salinity tolerance in wheat
Tim Setter (*DAFWA*)
- 12:15 Field studies of salinity tolerance in Indian wheat,
rice and pulses
S K Sharma (*Central Soil Salinity Research Institute, Karnal*)
- 12:45 Lunch**
- 13:45 Breeding for salinity tolerance using synthetic wheats
Francis Ogbonnaya (*ICARDA*)
- 14:15 Large scale field selections in Dubai
Nanduri K. Rao (*International Centre for Biosaline Agriculture*)
- 14:45 Field measurements of salinity tolerance in South Australia
Glenn McDonald (*University of Adelaide*)
- 15:30 Afternoon tea**
- 16:00 Oral Presentations
- 16:45 Poster session
- 17:30 Conclusion
- 18:00–19:00 Lord Mayor's Reception, Adelaide Town Hall**

TUESDAY 17TH NOVEMBER PHYSIOLOGY & TRAIT DISSECTION

- 09:00 The Plant Accelerator and dissection of salinity
tolerance traits
Mark Tester (*ACPF*)
- 09:30 Using imaging of growth and death through time to
separate components of salinity tolerance
Karthika Rajendran (*ACPF*)
- 10:00 Interactions of salinity with waterlogging
Tim Colmer (*University WA*)
- 10:45 Morning tea**
- 11:15 Thermal imaging screening to identify variation in
osmotic tolerance
Richard James (*CSIRO Plant Industry*)
- 11:45 Na⁺ transport and tolerance in wheat
Rana Munns (*CSIRO Plant Industry*)
- 12:15 Na⁺/ B interactions
Andre Lauchli (*UC Davis*)
- 12:45 Lunch**
- 14:00 The role of Cl⁻ toxicity in wheat.
Yash Dang (*Qld DPI*)
- 14:30 The role of Cl⁻ exclusion in salinity tolerance of
Lotus species
Natasha Teakle (*University WA*)
- 15:00 The role of root K⁺ transport in salinity tolerance of
barley and wheat
Sergiy Shabala and/or Tracey Cuin
(*University Tasmania*)
- 15:30 Afternoon tea**
- 16:00 Talks selected from posters
- 17:00 Conclusion
- 18:30 Symposium dinner – Jolley's Boathouse for 19:00 start**



WEDNESDAY 18TH NOVEMBER GENES AND MACHINES

- 09:00 Genetics, genomics and gene discovery in barley
Robbie Waugh (*SCRI*)
- 09:45 Discovery of genes related to salinity tolerance in wheat
Mike Francki (*DAFWA*)
- 10:15 Water transport and control of water channels
Steve Tyerman (*University Adelaide*)
- 10:45 Morning tea**
- 11:15 Na⁺ transporters and engineering salinity tolerance
Maris Apse (*Arcadia*)
- 11:45 Two intracellularly-localised Arabidopsis Na⁺/
H⁺ antiporters act redundantly to regulate plant
development
Anthony Gendall (*La Trobe University*)
- 12:15 Epigenetic control of salinity tolerance
Anna Amtmann (*Glasgow*)
- 13:00 Lunch**
- 14:00 Transcriptional profiling in single cell types
Alex Johnson (*ACPF*)
- 14:30 Metabolomic profile changes in response to salt stress
Ute Roessner (*ACPF and Metabolomics Australia*)
- 15:00 The role of Ca sensing proteins and protein
phosphorylation in salinity tolerance
Sheng Luan (*UC Berkeley*)
- 15:30 Afternoon tea**
- 16:00 A novel protein kinase involved in Na⁺ exclusion
revealed from positional cloning
Stuart Roy (*ACPF*)
- 16:30 Concluding summary
Mark Tester (*ACPF*)
- 17:00 Conclusion**

Australian Plant Phenomics Facility Introductory Workshop

How CAN The Plant Accelerator address biological problems? 19th November 2009

The aims of this one day workshop are:

- To introduce researchers to current applications of The Plant Accelerator's capabilities
- To develop ideas interactively for new experiments and new ways to benefit from this new facility
- To help people conceive and design experiments using The Plant Accelerator
- To encourage researchers to undertake preliminary experiments to learn the Facility's capabilities and obtain preliminary results to support grant applications.

Ideal number of participants: A maximum of 20 participants will facilitate discussions

Target audience: Graduate students and post-docs – group leaders welcome, too!

The day will start with a small number of talks outlining:

- The overall capability of the Facility
- Some specific experiments that have been undertaken with the Facility's equipment
- The central importance of data management and analysis

We then envisage breaking up into small groups of people with common interests and problems to 'workshop' ideas for a couple of hours, then groups report back to the overall group, before breaking out again for further more detailed discussions, perhaps with group compositions changing at this stage.

The day will then be pulled together to try to synthesise the outputs of the discussions and discuss plans for future work in The Accelerator.



Conference Location

The 2009 ACPFG Genomics Symposium will be held from Monday 16th to Wednesday 18th November 2009 at the Holiday Inn Adelaide, 65 Hindley Street Adelaide, South Australia.

For further information about the hotel contact the Holiday Inn Adelaide:

Phone: + 61 8 8231 5552

Fax: + 61 8 8237 3800

Email: reservations@holidayinnadelaide.com.au

Web: www.holidayinn.com.au

Conference Proceedings/Registration

Registration will take place on the first floor of the Holiday Inn Adelaide on Monday 16th of November at 8:00am for a 9:00am start.

On arrival, delegates will receive a conference satchel with a program and Conference Proceedings.

All scientific sessions will also be held in the Holiday Inn Adelaide's modern, newly refurbished conference rooms. Each day will commence with a keynote talk, followed by a shorter series of talks where international and national researchers will provide an overview of recent advances in the fields of molecular genetics, genomics and genetic analysis of salinity.

We also invite involvement through poster presentations and displays.

To register, please send the attached form to the Symposium Secretariat

Delegates

Approximately 120 national and international delegates are expected to attend.

Social Events

- Monday 16th: Lord Mayor's Reception at the Adelaide Town Hall. Note awards will be presented for the top three posters.
- Tuesday 17th: Formal Symposium Dinner, Jolley's Boathouse

Deadlines

- Abstracts for posters and presentations must be received by 30th September 2009.
- Symposium registration closes 31st October 2009.
- Registration to display closes 31st October 2009.

Attendance at this Symposium will be strictly limited, so it is important to register interest early.

Meals

All morning and afternoon teas, lunches, Lord Mayor's Reception and the Symposium Dinner are included in the registration fee. Please indicate any special dietary or other requirements on the Registration Form.

Information for International Delegates

- Travel Insurance and Visas will need to be organised from your own account
- Registration fees do not include insurance of any kind. It is strongly recommended that all delegates take out their own travel and medical insurance prior to coming to the Meeting
- The Organising Committee and the Secretariat will not take any responsibility for any participant failing to insure. Please seek further information from your travel agent or airline
- Overseas delegates should contact a travel agent or their local Australian Consulate or travel agent regarding visas and entry requirements or visit www.immi.gov.au/



Payment of fees

All prices are in Australian dollars and are inclusive of GST. Payment in Australian dollars must accompany all registration forms and can be made by credit card (Mastercard & Visa only), cheque, international bank draft drawn on an Australian bank. Cheques should be made payable to: The University of Adelaide.

If payment is being processed through a large organisation and may be delayed, please fax your form to the Secretariat for preliminary registration and ask your accounts section to ensure that the original form is forwarded with payment.

TAXES

Australia has a Federal Goods and Services Tax (GST) of 10%. Overseas delegates are not exempt from paying this tax.

About Adelaide

Adelaide is a small, elegant city fringed with a border of beautiful parklands. Known as the city of food and wine; Adelaide offers the buzz, culture and convenience of a big city without the frustrations. Seriously good coffee and food are never far away. The Mediterranean climate encourages a relaxed and indulgent lifestyle. This is a city of pubs, cafes, restaurants, fine food and wine.

South Australians are justly proud of Adelaide, their capital city, and its surrounding countryside. Visit the official South Australian Tourism site (www.southaustralia.com/home.asp) for suggestions for short holidays in the Flinders Ranges, along the Murray River or in one of the many wine-growing districts.

For further information about things to do in Adelaide view:

Adelaide Sight seeing: www.adelaidesightseeing.com.au
SA Tourism Commission: www.southaustralia.com
Best Restaurants of Australia: www.bestrestaurants.com.au
City Search: www.citysearch.com.au

Other handy sites include:

Bureau of Meteorology (Weather): www.bom.gov.au
Currency: www.xe.com/ucc
World Time Clock: www.timeanddate.com/worldclock
Visas: www.immi.gov.au
Customs: www.customs.gov.au
Immigration SA: www.immigration.sa.gov.au

Organising Committee

- Mark Tester
- Amanda Hudswell
- Lara Birchby (ACPF Genomics Symposium Event Manager):
lara@themeetingpeople.com.au

For expressions of interest and for further information please contact
Lara Birchby, ACPFG Genomics Symposium Event Manager

Postal: PO Box 882, Unley SA 5061

Phone: + 61 8 8177 2215

Fax: + 61 8 8177 2251

Mobile: 0411 439 410

Email: lara@themeetingpeople.com.au

Offered contributions

All participants are invited to submit abstracts for presentation as posters on any aspect of The Genomics of Salinity.

ABSTRACT SUBMISSIONS

Abstracts should be no more than one A4 page and should meet the following criteria:

- Title should be bold, Times New Roman, font size 16pt
- Underneath the title should be the Presenter(s) name(s), font size 14pt. Followed by Presenter(s) contact details, including Affiliation(s)
- Abstract text should be in Times New Roman, font size 12pt, single line spacing
- No more than one A4 page
- Electronic submissions only to Symposium Secretariat



Posters

Poster abstracts must be submitted as above. Following your successful submission of a poster abstract, your 2009 Genomics Symposium poster should follow the following format:

- Poster size must be A0 (841 x 1189 mm)
- Please provide your own Velcro to mount your poster
- Posters will be on display each break and will be assessed during the poster session. A prize will be awarded to the best three posters.
- Ensure the poster displays your contact details and affiliations
- Posters to be set up before Monday morning tea time. The room will be available for access from 8.00 am
- All posters must be removed by the end of lunch on Wednesday
- Poster presenters must attend and stand by their poster for questions during the Poster session at the Holiday Inn Adelaide on Monday the 22nd from 16:45 – 17:30pm. Note awards will be presented to the top three posters.
- No extensions will be considered. Authors will be informed of the status of their submission by 30th September 2009.

Send your presentation or poster abstracts (one A4 page or less) to:

LARA BIRCHBY

ACPF Genomics Symposium Event Manager

Email: lara@themeetingpeople.com.au

Conditions

- Electronic copies of your abstract should be sent to the above address on or before **30th September 2009**.
- All oral presenters and poster presenters must be registered, fully-paid delegates.
- All successful abstracts submissions (both presenters and posters) will be published in the Proceedings.
- Abstracts will be printed exactly as submitted. No editorial corrections will be made.

CONFIRMATION

All registrations and abstract submissions will be acknowledged in writing with confirmation of requirements as indicated on your Registration Form and will be accompanied by a receipt for any payment received.

Abstracts will be accepted at the discretion of the organisation committee.

Please check your confirmation letter carefully and notify the ACPFG Genomics Symposium Event Manager, Lara Birchby immediately of any changes required.

If you have not received an acknowledgement three weeks after sending your details, we suggest that you contact us to ensure that your form has been received

LARA BIRCHBY

ACPF Genomics Symposium Event Manager

Phone: + 61 8 8177 2215

Fax: + 61 8 8177 2251

Mobile: 0411 439 410

Email: lara@themeetingpeople.com.au



Accommodation

Please state your arrival and departure dates and enclose one night's accommodation payment with your registration. The deposit is forwarded to the hotel and you are responsible for paying the balance on your departure. If your choice of room is unavailable, the Secretariat will try to place you in accommodation of similar standard and price

The Secretariat will not accept accommodation bookings after 15 October 2009.

After that date delegates must make their own arrangements directly with the hotels.

These rates are available only by booking through the ACPFG Symposium Secretariat. Early reservations are encouraged. Reservations are subject to availability and cannot be guaranteed. The special conference accommodation rate is available for extended stays. Rooms are not guaranteed for check in before 1400 hours.

To ensure your immediate occupation of your room on arrival if prior to 1400 hours, you may pre-register your room (book and pay for the night before). Please indicate on your registration form.

All accommodation rates include 10% GST. A tax invoice for accommodation will be issued by the hotel upon checkout. A deposit of at least one night's tariff is required to secure your booking. Accommodation **cannot be booked** unless at least one night's tariff is received.

Change of Accommodation Booking

Any change to, or cancellation of, an accommodation booking must be made in writing to the Meeting Secretariat and not directly to the hotel. Last minute changes to accommodation will only be accepted at the discretion of the Meeting Secretariat subject to individual circumstances and hotel policy.

The Secretariat can make bookings directly for you at the following establishments:

Please find below a list of accommodation options. Please make your own bookings but do not hesitate to contact Lara Birchby, the Event Manager for further information on 08 8177 2215 or lara@themeetingpeople.com.au

Holiday Inn Adelaide

65 Hindley Street, Adelaide
Telephone: + 61 8 8231 5552 | Facsimile: + 61 8 8237 3800
Email: reservations@holidayinnadelaide.com.au
Room rates: \$200 per night (or \$219 including breakfast)

Mecure Grosvenor Hotel (3.5–4star)

125 North Terrace, Adelaide
Reservations Department
Telephone: + 61 8 8407 8888 | Facsimile: + 61 8 8407 8866
Email: info@mecuregrosvenorhotel.com.au

Room Types	Room Rate
Economy Room (single / double)	\$115.00
Standard room (queen bed)	\$165.00
Standard room (3 Adults – 2 queen beds)	\$209.00

For other options, please contact hotels directly to enquire about rates:

Oaks Embassy Hotel (4 star)

31–34 North Terrace, Adelaide SA 5000
Telephone: + 61 1300 721 916 or + 61 8 8210 8000
Email: resembassy@theoaksgroup.com.au

Adelaide Riviera Motel (4 star)

31–34 North Terrace, Adelaide SA 5000
Telephone: + 61 8 8231 8000 | Facsimile: + 61 8 82122168
Toll free: 1800 061 300
Email: reservations@adelaiderriviera.com.au

Quality Hotel Rockford (3.5 star)

164 Hindley Street, Adelaide SA 5000
Telephone: + 61 8 8211 8255 or 1800 788 155 (Freecall Australia)
Facsimile: + 61 8 8231 1179
Email: adelaide@rockfordhotels.com.au

Adelaide Paringa Motel (3.5 star)

15 Hindley Street, Adelaide SA 5000
Telephone: + 61 8 8231 1000 | Facsimile: + 61 8 8231 6807
Email: reservations@adelaideparimga.com.au

Adelaide Central YHA (Backpackers)

135 Waymouth Street, Adelaide SA 5000
Telephone: + 61 8 8414 3010 | Facsimile: + 61 8 8414 3015
Email: adcentral@yhasa.org.au



Registration Form

Registration Form / Tax invoice

ABN 61 249 878 937

(For office use only) Reg No ACPFG09:

Please print clearly

Step 1: Personal Details

Title (circle) Prof Dr Mr Mrs Ms Other

First name:

Family name:

Preferred name for badge:

Position:

Organisation:

Department:

Address:

City:

State: Postcode:

Country:

Phone (office):

Fax (office):

Phone (Mobile):

Phone (Home):

Email:

Special Requests (eg dietary requirements, disabilities etc):

Privacy Statement: I do not wish my personal details (name, organisation and state) to be included in the Delegate List that will be distributed to all delegates at the Symposium.

Step 2: Registration

Please tick relevant box:

- ACPFG staff / student (please note: no registration payment is required, this will be processed internally).
- External delegate: AUS\$500.00 (including GST)
- External student delegate: AUS\$375.00 (including GST)
- Australian Plant Phenomics Facility Introductory Workshop to be held at Waite Campus on 19th November.

NOTE: Registration fees include:

- Admittance to all Symposium sessions.
- Morning and afternoon tea, plus lunches from Monday 16th – Wednesday 18th.
- One ticket to the Lord Mayor's Reception at the Adelaide Town Hall.
- One ticket to the Formal Symposium Dinner at Jolley's Boathouse

Additional tickets can be purchased for the social functions:

- I would like to purchase an additional ticket to the Lord Mayor's Reception: no cost
- I would like to purchase an additional ticket to the Formal Symposium Dinner: \$100.00 (including GST)



Step 3: Accommodation

Please complete and tick

N.B. Accommodation reservations will not be accepted by the Secretariat after 15 October 2009.

I do not wish the Conference Secretariat to reserve accommodation on my behalf because I am making my own arrangements.

Please make reservations for me as follow (number your choices in order of preference):

Holiday Inn Adelaide	Single	Double	Twin
Standard Deluxe Room	\$200	\$200	\$200
Standard Deluxe Room with breakfast	\$219	\$219	\$219

Mecure Grosvenor Hotel	Single	Double	Twin
Economy Room	\$115	\$115	N/A
	Single	Double	Triple
Standard Room	\$165	\$165	N/A
Standard Room (Max. 3 Adults–2 x Queen beds)	\$209	\$209	\$209 (triple)

Total Section 3 \$ _____

I will be sharing my room with _____

Number of nights accommodation required

In: _____/10/09 Out: _____/10/09

Arrival time/date: _____

Departure time/date: _____

Number of nights: _____

Special Requirements (eg. non-smoking): _____

Deposit of one night's accommodation charge is required to book the room.

Step 4: Total payment due

ACPF staff / student: No payment required: \$0.00

External delegate: AUS \$500.00 including GST A\$

External student delegate: AUS\$375.00 A\$

Additional ticket(s) to the Lord Mayor's Reception: no cost (indicate number of additional tickets required)

Additional ticket(s) to the Formal Symposium Dinner:
A\$100.00 (including GST) A\$

I will attend the Australian Plant Phenomics Facility Introductory Workshop on 19 November "How CAN The Plant Accelerator address biological problems?" (indicate number of tickets required to this workshop)

Total: \$

Australia has a Federal Goods and Services Tax (GST) of 10%. Overseas delegates are not exempt from paying this tax. All costs include GST.

All payments must be made in *Australian dollars* only. Payment in any other currency will not be accepted. Forms will not be processed nor acknowledgements sent until payment is received.

PAYMENT OPTIONS

Option A: I enclose a cheque or bank draft drawn on an Australian bank (in Australian Dollars) made payable to: The University of Adelaide

Option B: please charge my credit card (Circle type and complete details below)

Visa

Mastercard (NB: Amex and Diners Club cards not accepted)

Credit Card Number: _____

Cardholders Name: _____

Home Address: _____

Expiry Date: _____

Signature: _____

Date: _____

**Please send completed registration forms, with payment, to:
Lara Birchby, ACPFG Genomics Symposium Event Manager**

Postal: PO Box 882, Unley SA 5061

Phone: + 61 8 8177 2215 | **Fax:** + 61 8 8177 2251

Mobile: 0411 439 410 | **Email:** lara@themeetingpeople.com.au