



Dear Colleague

**XV International Workshop on Plant Membrane Biology (IWPMB)**  
**Sunday 19 September – Friday 24 September 2010**  
***National Wine Centre, Adelaide, South Australia***

We have pleasure in announcing that the 15th triennial workshop on Plant Membrane Biology will be held in Adelaide, South Australia at the National Wine Centre from 19 – 24 September 2010.

The International Workshop on Plant Membrane Biology is the world's premier conference in its field. Held on a triennial basis for the last 45 years, up to 450 scientists representing the world's leading research laboratories in the area meet to present and discuss their cutting-edge research and the field's recent developments.

The International and local organising committees have been busy since the Valencia meeting, held in June 2007, planning the conference programme and format to ensure we maintain the standard of the meeting as the premier international forum for plant membrane biology.

The programme has been included on the next pages and will include topics such as:

- Membranes and water transport (and MIP biology)
- Membranes and Energy (Photorespiration) (Chloroplast/mitochondrial membrane physiology)
- Nutrient transport (Root uptake, long-distance transport, nutrient transporters)
- Growth and Turgor (Polar growth and turgor related transport and regulation)
- Structure-Function of Membrane transporters
- Biotic Stress and biotic interactions (pathogens, symbiosis)
- Abiotic Stress and environmental homeostasis (Drought, salt, heavy metals, guard cells)
- Membrane Structure and Development, Membrane trafficking, lipid metabolism and lipid-transporter interactions.
- Signalling related to solute transport
- 

We are also pleased to announce that we are an official satellite meeting of OZBIO2010 which is to be held in Melbourne the following week.

We hope that you will be able to participate as a sponsor or exhibitor in the conference as part of the plant membrane and solute transport community. Please find attached our sponsorship prospectus and do not hesitate to contact me should you have any further queries.

Please refer to our website for further information <http://www.adelaide.edu.au/iwpmb2010/>

We look forward to your support.

Yours sincerely,

**Dr Matt Gilliham**  
**Chair, Local Organising Committee**

**ORGANISING COMMITTEE**

Dr Matthew Gilliham  
Dr Trevor Garnett  
Dr Brent Kaiser  
Prof Roger Leigh  
A/Prof Rob Reid  
Prof Mark Tester  
Prof Steve Tyerman  
Lara Birchby (Meeting Manager)

**IWPMB 2010 SECRETARIAT**

Lara Birchby  
The Meeting People Pty Ltd  
PO Box 882  
Unley South Australia 5061  
Tel: 08 8177 2215 (within Australia)  
+61 8 8177 2215 (International)  
Fax: 08 8177 2251 (within Australia)  
+61 8 8177 2251 (International)  
Email: [iwpmb2010@adelaide.edu.au](mailto:iwpmb2010@adelaide.edu.au)



## Opening plenary lecture

**W.B. Frommer** - Molecular sensors for nutrients metabolites and messengers: tools for understanding the regulation of the metabolome (*Carnegie Institute, CA, USA*)

## Conference sessions

### Membranes and water transport (and MIP biology)

Chair: **S.D. Tyerman** (*Adelaide, Australia*)

Plenary Speaker: **F. Chaumont** (*Louvain, Belgium*)

### Membranes and energy (including plastid-related physiology)

Chair: **J.L. Heazewood** (*Berkeley, CA, USA*)

Plenary Speaker: **U.-I. Flügge** (*Koeln, Germany*)

### Structure-function of membrane proteins

Chair: **M. Palmgren** (*Copenhagen, Denmark*)

Plenary Speaker: **W. Kuehlbrandt** (*Max-Planck Institute, Germany*)

### Hormone transport, polar growth and turgor

Chair: **A. Murphy** (*Purdue, USA*)

Plenary Speaker: **J. Feijo** (*Porto, Portugal*)

### Nutrient transport (root uptake, long-distance transport, nutrient transporters, symbiosis)

Session 1 Chair: **E. Martinoia** (*Zurich, Switzerland*)

Plenary Speaker: **Y-F. Tsay** (*Academia Sinica, Taiwan, Republic of China*)

Session 2 Chair: **F.A. Smith** (*Adelaide, Australia*)

Plenary Speaker: **M.R. Blatt** (*Glasgow, UK*)

### Abiotic stress and environmental homeostasis (drought, salt, heavy metals, guard cells, pathogens)

Session 1 Chair: **E. Blumwald** (*Davis, CA, USA*)

Plenary Speaker: **J-F. Ma** (*Okayama, Japan*)

Session 2 Chair: **R. Reid** (*Adelaide, Australia*)

Plenary Speaker: **Y-S. Lee** (*Postech, Pohang, Korea*)

### Membrane structure and development, membrane trafficking, lipid metabolism and lipid-transporter interactions

Chair: **M.R. Blatt** (*Glasgow, U.K.*)

Plenary Speaker: **T. Munnik** (*Amsterdam, Netherlands*)

### Signalling related to solute and hormone transport

Session 1 - Solutes - Chair: **M. Gilliam** (*Adelaide, Australia*)

Plenary Speaker: **A.A.R. Webb** (*Cambridge, UK*)

Session 2 – Hormones - Chair: **C. Beveridge** (*Queensland, Australia*)

Plenary Speaker: **J. Schroeder** (*La Jolla, USA*) – The Annals of Botany Lecture

## Nutrient-use efficiency day (sponsored by the ACPFG)

**Field and yield** Chair: **Z. Rengel** (*UWA, Perth, Australia*)

Plenary Speaker: **S. Rothstein** (*Guelph, Canada*)

**Transport, assimilation and storage** Chair: **Y-F Tsay** (*Academia Sinica, Taiwan, Republic of China*)

Plenary Speaker: **A. Gojon** (*BPMP, Montpellier, France*)

**Omics** Chair: **W.B. Frommer** (*Carnegie Institute, CA, USA*)

Plenary Speaker: **G-H Xu** (*Nanjing, People's Republic of China*)

**Breeding** Chair: **A.G. Good** (*Alberta, Canada*)

Plenary Speaker: **B. Hirel** (*INRA, Versailles, France*)



## Workshop sessions

### Advances in imaging

Workshop Organisers:

### Workshop sponsored by **Plant Methods**

W.B. Frommer (*Carnegie Institute, CA, USA*)

C. Brownlee (*Marine Biological Association, Plymouth, UK*)

### Advances in systems biology

Workshop Organiser: S.M. Assmann (*Penn State, USA*)

### Advances in membrane proteomics

Workshop Organiser: E. Martinoia (*Zurich, Switzerland*)

J. L. Heazlewood (*Berkeley Laboratory, USA*)

### Advances in plant phenomics

Workshop Organiser: M. Tester (*Adelaide, Australia*)

### Advances in RNAi regulation

Workshop Organiser: T-J. Chiou (*Academia Sinica, Taiwan, Republic of China*)

## Provisional programme

Date	Programme
Sunday 19 September 2010	Registration, conference plenary lecture and evening social mixer at National Wine Centre
Monday 20 September 2010	Welcome, session 1 & 2, 3 poster session 1, evening BBQ at Waite Campus and optional tour of <u>Plant Accelerator</u> and winery
Tuesday 21 September 2010	Session 4, 5, & 6, poster session 2
Wednesday 22 September 2010	Session 7, 8, & 9, poster session 3
Thursday 23 September 2010	Session 10, 11 & workshops, conference banquet in evening
Friday 24 September 2010	Nutrient Use-Efficiency Day, conference close.

## Session formats

Each 120 minute conference session will consist of 1 keynote talk (35 + 5 mins), 2 main talks (25 + 5 mins) and 2 short talks (6 + 2 mins questions).

Each Workshop session is 65 minutes in total and will vary in composition depending on the subject.

NUE sessions will be 90 minutes and consist of 1 keynote (30+5), 2 main talks (20 + 5).

Delegates will be informed whether their abstract has been selected for an oral or poster presentation by 19<sup>th</sup> August, 2010. All delegates are encouraged to bring a poster even if they are selected for a talk.



Sunday 19 September – Friday 24 September 2010  
*National Wine Centre,  
Adelaide, South Australia*

### SUPPORT OPPORTUNITIES

The International Workshop on Plant Membrane Biology is the world's premier conference in its field. Held triennially, IWPMB is the premier international conference for all those interested in processes related to plant membranes. Over the last 45 years, IWPMB has provided a forum for healthy scientific discussion and the exchange of ideas, for the leaders in the field through to new postgraduate students. Whilst presenting their own latest findings, our plenary speakers will also provide a brief overview of recent advances in their particular field of research.

The workshop sessions will highlight technical advances. This year, however, and in partnership with the Australian Centre for Plant Functional Genomics, we have taken the opportunity to add a new day at no extra cost to delegates attending the remainder of the conference. During this day we will highlight the very real applied outcomes made possible by recent fundamental advances in nutrient-use-efficiency (NUE). The NUE day will be available to those day registrants who are not attending the rest of the conference.

Should you wish to discuss any of the following support opportunities, please do not hesitate to contact our meeting manager, Lara Birchby at [iwpm2010@adelaide.edu.au](mailto:iwpm2010@adelaide.edu.au)

**\*All figures quoted are inclusive of GST and in Australian Dollars**

#### MAJOR SPONSOR

**AUD\$5,000**

Package includes:

- Verbal acknowledgement at the meeting opening and closing ceremonies.
- Company logo to be included on the meeting website.
- Company logo to be included on the front cover of the Meeting Handbook.
- Full page (A4) black and white advertisement in conference proceedings. (Finished artwork to be supplied by you).
- Company banner to be displayed in the plenary session (provided by you)
- Complimentary display space.
- Two complimentary full registration including inclusive social functions.
- One complimentary A4 page insert in meeting satchels.
- A copy of the delegate list (Name, Organisation and State/Country) in accordance to the Privacy Act and delegate authorization.



## CONFERENCE SESSION SPONSORSHIP (15 opportunities) AUD\$2,000

There are 15 sponsorship packages offered - one for each session during the workshop.  
Meeting sessions available are:

1. Membranes and water transport (and MIP biology)
2. Membranes and energy (Photorespiration) (Chloroplast/mitochondrial membrane physiology)
3. Nutrient transport (Root uptake, long-distance transport, nutrient transporters)
4. Growth and turgor (Polar growth and turgor related transport and regulation)
5. Structure-function of membrane transporters
6. Biotic stress and biotic interactions (pathogens, symbiosis)
7. Abiotic stress and environmental homeostasis (Drought, salt, heavy metals, guard cells)
8. Membrane structure and development
9. Membrane trafficking
10. Lipid metabolism and lipid-transporter interactions
11. Signalling related to solute transport
12. NUE – Field and yield
13. NUE – Transport, assimilation and storage
14. NUE – Omics
15. NUE – Breeding

*\* Please note that sessions may be subject to change but every effort will be made to accommodate sponsors to applicable sessions.*

Package includes:

- Company logo to be included on the website and included in the Meeting Handbook.
- Verbal acknowledgement by the chair of the session as well as prominent credit on session slide before and after sponsored session.
- Full page (A4) black and white advertisement in meeting proceedings.
- One complimentary full registration (excluding social functions).
- One complimentary A4 page insert in meeting satchels.
- A copy of the delegate list (Name, Organisation and State/Country) in accordance to the Privacy Act and delegate authorization.

## POSTER SESSION SPONSORSHIP (4 opportunities) AUD\$2,000

There are four sponsorship packages offered - one for each poster session during the workshop. Poster sessions will be held Monday, Tuesday, Wednesday and Friday.

Package includes:

- Company logo to be included on the website and included in the Meeting Handbook.
- Verbal acknowledgement by the chair of the session as well as prominent credit on session slide before and after sponsored presentation.
- Full page (A4) black and white advertisement in meeting proceedings.
- One complimentary full registration (excluding social functions).
- One complimentary A4 page insert in meeting satchels.
- A copy of the delegate list (Name, Organisation and State/Country) in accordance to the Privacy Act and delegate authorization.

## POSTER/ORAL PRESENTATION PRIZE SPONSOR (3 opportunities) AUD\$550

There are three opportunities for poster/oral presentation prizes.

- Company logo to be included on the website and included in the Meeting Handbook.
- One complimentary A4 page insert in meeting satchels.



## TECHNICAL WORKSHOP SPONSOR

AUD\$1,500

There are 6 support packages offered - one for each technical workshop held during the meeting.

Technical workshop sessions available are:

### 1. Advances in imaging

Workshop Organisers:

W.B. Frommer (Carnegie Institute, CA, USA)

C. Brownlee (Marine Biological Association, Plymouth, UK)

### 2. Advances in systems biology

Workshop Organiser: S.M. Assmann (Penn State, USA)

### 3. Advances in membrane proteomics

Workshop Organiser: E. Martinoia (Zurich, Switzerland)

### 4. Advances in plant phenomics

Workshop Organiser: M. Tester (Adelaide, Australia)

### 5. Advances in understanding and assaying natural variation

Workshop Organiser: D. Salt (Purdue, USA)

### 6. Advances in RNAi regulation

Workshop Organiser: T-J. Chiu (Academia Sinica, Taiwan, China)

*Package includes:*

- Company logo to be included on the website and included in the Meeting Handbook.
- Verbal acknowledgement by the chair of the session as well as prominent credit on session slide before and after sponsored presentation.
- One complimentary A4 page insert in meeting satchels
- A copy of the delegate list (Name, Organisation and State/Country) in accordance to the Privacy Act and delegate authorization.

## SACHEL SPONSORSHIP (1 opportunity)

AUD\$4,000

Package includes:

- Company name/logo on the satchels.
- Company logo to be included on the website and included in the Meeting Handbook.
- One complimentary A4 page insert in meeting satchels
- A copy of the delegate list (Name, Organisation and State/Country) in accordance to the Privacy Act and delegate authorization.

## MEETING LANYARDS/NECK CORDS

Sponsor to supply 400 lanyards

- Sponsor to provide lanyards/neck cords for all delegates to be printed with company logo.
- Company acknowledgement as a sponsor in the Meeting Handbook

## MEETING NOTE PADS

Sponsor to supply 400 notepads

- Company pads to be placed in the Workshop satchel.
- Company acknowledgment as a sponsor in the Meeting Handbook

## MEETING PENS

Sponsor to supply 400 pens

- Company pens to be placed in the Workshop satchel.
- Company acknowledgment as a sponsor in the Meeting Handbook

## SACHEL INSERTS

AUD\$550

Satchel inserts will be offered at very affordable prices.

To those of you exhibiting, satchel inserts (1 x A4 page or smaller) are available at the discounted price of \$550. Anything larger is negotiable.



## EXHIBITOR DISPLAY

AUD\$1,500

- Listing of company name and profile in the Meeting Handbook
- One clothed trestle table and 2 chairs (display space equivalent to 3m x 2m).
- One complimentary meeting registration (which includes all morning and afternoon teas, lunches, one welcome reception and one conference dinner ticket).
- Extra exhibition staff may register at \$65 per day that covers morning and afternoon tea and lunch each day, nametag and program handbook. Staff are welcome to attend the scientific program provided the nametag is worn at all times.

The exhibition display spaces will be strictly allocated in order of receipt of application form and payment. The exhibition floor plan will be circulated in February 2010.

**Please note that the 50% deposit is required with the booking form for confirmation of the booking.**

## IMPORTANT DATES

Allocation of Trade Display Spaces	May 2010
Final payment due	May 2010
Trade bump in	Sunday 19 September 2010.
Exhibition Times	Sunday 19 September 2010 (Including Welcome Reception) Monday 20 September 2010 Tuesday 21 September 2010 Wednesday 22 September 2010 Thursday 23 September 2010 Friday 24 September 2010

For further information, or to make bookings please contact:

## IWPMB XV Secretariat

Lara Birchby  
The Meeting People Pty Ltd  
PO Box 882  
Unley South Australia 5061  
Tel: 08 8177 2215 (within Australia) +61 8 8177 2215 (International)  
Fax: 08 8177 2251 (within Australia) +61 8 8177 2251 (International)  
Email: [iwpmb2010@adelaide.edu.au](mailto:iwpmb2010@adelaide.edu.au)



IWPMB 2010 • 19-24 September 2010 • National Wine Centre, Adelaide, South Australia  
<http://www.adelaide.edu.au/iwpm2010>

## IWPMB Sponsorship Support Booking Form

### CONTACT DETAILS

Title (eg. Prof/Dr/Mr/Ms): .....

First name: ..... Family name: .....

Position: .....

Organisation: .....

Address: .....

City: ..... State: ..... Postcode: .....

Phone: ..... Fax: .....

Phone (Mobile): ..... Email: .....

### SUPPORT TYPE

		\$
Major sponsorship	AUD\$5,000	.....
Session sponsorship (15 opportunities)	AUD\$2,000	.....
Session preference	1. ....	
	2. ....	
Poster session sponsorship (4 opportunities)	AUD\$2,000	.....
Poster session day preference	1. ....	
	2. ....	
Poster/oral presentation prize sponsor (3 opportunities)	AUD\$550	.....
Technical workshop sponsorship (6 opportunities)	AUD\$1,500	.....
Technical workshop preference	1. ....	
	2. ....	
Satchel sponsorship (1 opportunity)	AUD\$4,000	.....
Satchel insert	AUD\$550	.....
Meeting lanyards/neckcords	Sponsor to supply 400	.....
Meeting notepads	Sponsor to supply 400	.....
Meeting pens	Sponsor to supply 400	.....
	<b>TOTAL</b>	<b>\$.....</b>

Please ensure that cheques or international bank drafts drawn on an Australian Bank (in Australian Dollars) are made payable to "The University of Adelaide".

Please forward this booking form with payment to:

IWPMB 2010 Meeting Secretariat  
PO Box 882, UNLEY South Australia 5061 AUSTRALIA  
Phone: +61 8 8177 2215 Fax: +61 8 8177 2251  
E-mail: [iwpm2010@adelaide.edu.au](mailto:iwpm2010@adelaide.edu.au)