The Society for Free Radical Research AUSTRALASIA

NEWSLETTER (September 2013)

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Secretary **MARK HAMPTON** Centre for Free Radical Research Department of Pathology University of Otago, Christchurch NEW ZEALAND Phone: +64 3 378 6225 Email: mark.hampton@otago.ac.nz	***President-Elect*** **PAUL WITTING** Discipline of Pathology,Sydney Medical School University of Sydney NSW 2006 AUSTRALIA Phone: +61 2 9114 0524 p.witting@sydney.edu.au

News items wanted

Please send any news items or articles for the newsletter to the Secretary. Also, we have redeveloped the Society website (www.sfrra.org), and are looking for any news, notices, links and other items of interest to Society members that can be added.

SFRR(A) Distinguished Service Award for 2012

The highest award of our Society was presented to Prof Michael Davies at the 2012 conference in Brisbane. Previous winners of the Distinguished Service Award are Roland Stocker (2010), Nick Hunt (2008), Peter Southwell-Keely (2006), Christine Winterbourn (2004), Roger Dean (2002) and Jan Gebicki (2001). The award was presented by Assoc Prof Clare Hawkins. Here is a transcript of her speech.

Although most of you know Mike well, before I present Mike with his award, I thought I would take this opportunity to say just a few words about Mike, particularly in relation to his involvement with and contributions to SFRR(A). Mike has had an involvement with the Society for Free Radical Research since the very early days of the Society. After finishing his PhD at the University of York, Mike completed his postdoctoral research at Brunel University London, where he worked with Professors Trevor Slater and Robin Willson. Trevor and Robin played a key role in the formation of the Society for Free Radical Research, organising both the Inaugural Meeting and the first Biennial Meeting. Mike didn't attend these meetings, but since then, he has attended all but one of the SFRR(I) Biennial Meetings, and only missed the meeting held in Buenos Aires to stay in Sydney for the birth of his son.

Mike returned to the University of York after his postdoc in London, to take up a lectureship in the Chemistry Department. It was at York where I met Mike for the first time, when he was lucky enough to be appointed as my undergraduate supervisor (a while ago now)! Mike was based at York for several years before making the decision to move to Sydney in 1995, to head the Free Radical Group at the Heart Research Institute and take up an ARC QE2 fellowship. This move allowed Mike to focus more on research, as well as providing an escape from the long dark winters in the north of England.

Since moving to Australia, Mike has been actively involved in SFRR(A) – he's attended and generally presented at every meeting since the 6th Annual Meeting held in Dunedin in 1997, he's been on the organising committee of all 3 meetings held in Sydney, and the meeting proposed for 2013, as well as serving as President in 2002-3. He has played an active role in the development of the Society, as well as representing the interests of the Australasian region at the International Society for many years, both during his 4 year term as Secretary-General, and more recently as President-Elect, and soon to be President.

I should also say that Mike represents SFRR Australasia at other Free Radical meetings. He is a regular at SFRR(Europe) and SFRBM meetings in the US, as well as giving invited lectures at other regional societies including SFRR(Africa), SFRR(India) and SFRR(Japan). Lastly, and probably most importantly, Mike has supervised and mentored a large number of students and postdocs, many who have gone on to have successful independent research careers and have maintained a keen interest in free radicals, protein oxidation and redox biology, and also in the process, become active members of SFRR(A) themselves. So, Mike, on behalf of the Society, it gives me great pleasure to present you with this very well deserved Distinguished Service Award.

Conference Reports from SFRRA meeting Brisbane, Nov 2012

Trent Newman – Department of Pathology, University of Otago, Dunedin

Free Radical and Metal Biology 2012 was the combined meeting of the Society for Free Radical Research (Australia) and the Australasian Biometals Group held at the Queensland Institute of Medical Research from 28 November to 1 December 2012. The meeting brought together exceptional scientists from around the world to discuss oxidation and reduction processes in biology and their exciting medical implications. The presentations were of a very high quality. I felt privileged to see, and in some cases have conversations with, the field leaders of a particular field. The research was so interesting that I have subsequently looked up many of the publications presented at the meeting.

The work of Andrew Bulmer (Griffith University, Loganholme, Australia) was absolutely fascinating to me. I learnt that humans with the benign condition of Gilbert syndrome (GS) are consistently protected from chronic diseases such as cardiovascular disease. Patients with GS have elevated levels (>17.1 µmol/L) of circulating bilirubin: a yellow product of heme breakdown. In this presentation it was shown that higher levels of bilirubin are associated with less oxidative stress as determined by the redox status of lipoproteins, glutathione, thiols, and carbonyls in the blood of patients. This finding implies that bilirubin protects against cardiovascular disease by acting as an antioxidant. In conversation with Dr Bulmer I discovered that just by spinning down blood cells one could tell if a patient has high levels of bilirubin due to the yellow colour of the plasma. It was suggested that I might have GS but unfortunately a liver test showed I had normal bilirubin levels (12 µmol/L).

One of the most striking images I have from the conference is that with chemical intervention an Alzheimer's disease (AD) mouse remembered where to find an underwater platform that it had been shown while the untreated mice struggled in the water to remember where the platform was. Ashley Bush (Mental Health Research Insitute, Melbourne, Australia) introduced the idea that metal trafficking becomes fatigued with age and this may underlie AD. Metal ionophores can bind to the charged metal ions, shield the charge, and allow them to cross the lipid membranes back into cells. PBT2 is a zinc/copper ionophore that reverses the build up of extracellular zinc and copper that is seen AD. It was with this compound that the researchers saw a rapid restoration of cognition in the mouse model of AD. Remarkably, PBT2 also improved executive function in AD patients within 12 weeks. Despite this encouraging data PBT2 has not progressed to phase III clinical trials - an issue that Bush clearly felt strongly about.

With a project focussed on the developmental consequences of oxidative stress I have a keen interest in the regulation of gene expression. Carol Fierke (University of Michigan, Ann Arbor, United States of America) gave an amazing presentation on the metal-dependency of HDAC8: a histone deacetylase that, through its activity, can affect chromosome structure. Many enzymes require metals for their function and while HDAC8 is activated by zinc it is also inhibited by it at

high concentrations. It was demonstrated that HDAC8 is catalytically active with metal ions other than zinc and that less iron was required to achieve the maximum rate. Some of the work used a genetically encoded zinc biosensor that I thought was really cool. It was proposed that Fe(II) could be an catalytic metal of HDAC8 *in vivo* which may help to explain the oxygen sensitivity of the enzyme. Data on Zn/Fe-dependent HDAC8 peptide specificity was presented which, after talking to Professor Fierke, I found out was generated using random 20 amino acid peptides. We both agreed it would be interesting to one day see if oxidative stress lead to changes in global genome histone acetylation patterns.

During inflammation myeloperoxidase (MPO) produces toxic hypochlorous acid (HOCl). Guy Jameson (University of Otago, Dunedin, New Zealand) showed that 2-thioxanthines covalently attach to the heme group of MPO inhibiting its production of HOCl. The reaction of MPO with its substrates was tracked spectrometrically and it was seen that a particular thioxanthine, TX1, reacted with compound I of MPO fast enough to compete with chloride for oxidation. This finding implied that TX1 was oxidized to form a radical while the heme iron of MPO was reduced. I was astounded by the detailed reaction mechanism Guy had been able to infer from the kinetic data. In a mouse model of peritonitis 2-thioxanthine inhibition of MPO blocked oxidative damage during inflammation but importantly did not prevent neutrophils from killing bacteria.

I had an enjoyably philosophical discussion with Ameha Woldu (University of Western Sydney, Sydney, Australia) who presented two posters on thermodynamics during the poster sessions. Ameha's definition of a good radical scavenger for the purpose of his study was a chemical that easily lost hydrogen. The energy required for two hydrogens to dissociate from one another is 104.206 kcal/mol so a good antioxidant would be one that requires less energy than this to provide hydrogen to a free radical. Ameha had used Gaussian, for various antioxidants, to visualize the electron orbitals, the dynamics of hydrogen abstraction, and to calculate whether the reaction was energetically possible. The results were beautiful. Thermodynamics applies physical laws to the behaviour of energy and it can be used to conclude definitively that a particular reaction is impossible. Ameha had the power to draw very bold conclusions from his results and I was humbled by his quickness to point out the caveats in his model and the caution he showed in interpreting his results.

Oxidation and reduction is the loss and gain of electrons but very rarely do you get to see detection of the electron being transferred. Robert Anderson (University of Auckland, Auckland, New Zealand) is a physical chemist and he presented work on the succinate-ubiquinone oxidoreductase (SQR): a crucial component of aerobic respiration system. A linear particle accelerator was used to add electrons to bacterial SQR via components in the solution. There is almost linear chain of redox centres in SQR and redox-dependent changes in the absorbance of the centres allowed the path of electron transfer within the protein to be shown. Time-resolved spectrophotometry allowed the rate and energy of electron transfer events in SQR to be determined and the data was understood in terms of the Nobel Prize winning Marcus Theory.

In addition to the above-mentioned talks there was much more fascinating research at The Free Radical and Metal Biology 2012 conference. The Queensland Institute of Medical research was a great venue for the meeting and it had been very well organized, thanks to Greg Anderson and Mandie Quince. I am sincerely grateful for the travel award from the SFRRA and the additional funding I received from Genetics Otago. It was a wonderful opportunity being a part of this inspiring forum – I enjoyed bringing home a very full knowledge basket.

Hafizah Abdul Hamid – Centre for Vascular Research, University of Sydney

It was a great pleasure for me to attend the SFFR(A) 2012 held at Queensland Institute of Medical Research (QIMR) from 28th November to 1st December 2012. This conference was my first PhD conference but definitely not my last. I was given a great opportunity to present my exciting research as a poster presentation, entitled 'A Role for Heme oxygenase-1 in Embyonic Development'. In fact, I was surprised that I was able to answer the judges' questions calmly – despite being quite nervous beforehand.

The talks covered diversity of free radicals research topics and how these ideas and techniques can be applied to many research questions. This conference had provided me with ample knowledge with many more questions in free radicals research and the future possible direction of new research after I complete my PhD. All of the presenters were allowed space for input and discussion, creating a learning environment where all the knowledge from the group could be shared.

Furthermore, I was amazed that I can meet the expertise in free radicals field whose name that I can see only on my papers' collection! I wish to thank the SFFR(A) for providing the financial support through the Young Investigator Travel Award and looking forward for the future conference.

Nick Magon – Centre for Free Radical Research, University of Otago, Christchurch

I recently had the opportunity to attend the Free Radical and Metal Biology 2012 conference (a joint meeting of the Society for Free Radical Research (Australasia) and the Australian Biometals Group). The conference was held at the Queensland Institute of Medical Research in Brisbane.
The sessions covered an extensive range of topics including free radical chemistry, oxidative stress and metal biology. Sessions were a good length (~2 hours) and the majority of the oral presentations from invited speakers were of a high standard. I was fortunate enough to have my abstract selected for a presentation. I presented some of my recent work detailing a little known modification of N-terminal methionine, dehydromethionine, which is formed on the neutrophil protein calprotectin following neutrophil activation and may potentially be useful as a biomarker of inflammatory disease. I received a lot of positive feedback following my presentation and also a few ideas for future work.

I have generally found poster sessions to be particularly useful and this conference was no different. As always I was able to interact with other students and discuss experiences with different methodologies, learn about different areas of research and come away with lots of new ideas for my own work.

Overall I thought the conference was very well organised and managed, and enabled me to get a good insight into research that is happening outside of my area, particularly metal biology, and also gave me many new ideas for my own work. I would like to thank the SFRR(A) for providing financial support in the form of the 'Young Investigator Travel Award' and allowing me to attend and present my work at this conference.

Georg Degendorfer - Heart Research Institute, Sydney

In late November 2012, I had the opportunity to attend the 20th Annual Meeting of the Society for Free Radical Research Australasia, held at the Queensland Institute for Medical Research (QIMR) in Brisbane. The conference was held at the recently inaugurated Smart State Medical Research Centre (SSMRC) with its impressive 120-seat auditorium offering excellent acoustics to enjoy world-class research presentations.

The conference opened with an inspiring lecture from world-renowned cancer researcher Dr Jiri Bartek about DNA damage response and its role in tumorigenesis. The following three days were packed with national and international speakers covering the broad spectrum of free radical research, ranging from the basics of oxidative chemistry, oxidative stress in disease and novel antioxidant strategies, up to new radical detection techniques.

The Lifetime Achievement Award was presented to Professor Michael Davies who accepted this with a presentation entitled: “Inflammation, oxidation and protein damage; Why speed matters! ”.

The poster sessions offered a great opportunity to interact with other students and scientists and have lively conversations about each other’s research. Discussing the work presented by a fellow PhD student (Connie Boon, Griffith University) on radical scavenging properties of bilirubin led to her visiting our lab to use a recently optimized method to analyse plasma samples from patients with Gilbert’s Syndrome, a great example of conference networking.

The conference was a well-balanced event with both professional and social opportunities including the Gala dinner, held at the Victoria Park Function Venue, providing an ideal environment to interact with both fellow students and highly respected scientists in the free radical research area.
I would like to thank the Society for assisting me with conference expenses and providing me with the opportunity to present my work on peroxynitrite damage to extracellular matrix at this early stage of my PhD.

Rebecca Poynton – Centre For Free Radical Research, University of Otago, Christchurch

With the SFRRA travel grant I was able to attend the 2012 combined meeting of the SFRRA and Australasian Biometals group that was held at the Queensland Institute of Medical Research in Brisbane. I found the field of biometals that was presented to be very interesting in combination with oxidative stress.

There were a number of international and Australasian researchers present that I was able talk with during the poster session and our free time between sessions. I presented my work on the antioxidant peroxiredoxin 3 and the kinetics of its inactivation by its substrate, hydrogen peroxide. It was great to see such an interest taken in peroxiredoxins by the researchers who looked at my poster.

There was a diverse range of presenters, from those working at a level of pure science to those looking at clinical samples. There were a good number of student presentations and the constructive and supportive comments they received made for a comfortable environment for discussion. Although not directly related to my research I found the presentation by Prof. Nigel Robinson to be fascinating. He presented research on "How cells help proteins to acquire the correct metals". Even though many antioxidant proteins contain metal groups I had never considered how cells control the binding of specific metals where there are a pool of metals.

Thank you to the SFRRA for the young investigator travel award. It is inspirational to attend these conferences where such a high calibre of research is presented.

Xiaosuo Wang – Discipline of Pathology, University of Sydney

The 20th SFRR Australasia conference was held at the Queensland Institute of Medical Research in Brisbane from 28th Nov to 1st Dec 2012. The conference was co-organized by SFRR(A) and the Society for Metal Biology, which made the programme more diverse and interesting.
I've enjoyed most of keynote lectures that well balanced among topics of free radicals/oxidants in biology and medicine and metal related biology/pathologies. In particular, Professor Michael Davies' lecture on Inflammation, oxidation and protein damage impressed me a lot, which has been quite relevant to my project own developing research project. The thorough review and critiques on different oxidants and their reactivity's have updated and refreshed my insight in that area. I was also fascinated by a new strategy to quantify ZnO nanoparticles using combined techniques of x-ray fluorescence microscopy.

Every session I attended has some exciting talks. In the metals session, it was interesting to learn the new development and progress of Ruthenium anti-cancer drugs, metal trafficking and melanin in iron homeostasis. I've presented my work in oxidative stress, metals and inflammation session and have received quite a few valuable feedbacks through question time and after the talk. That will definitely help me in the continuous and future experiments.

Apart from oral sessions, poster sessions have been also great and I took advantage of the freedom to walk around posters and put down some useful notes. Our group (Redox Biology Group from the University of Sydney led by A/Prof Witting in the attached picture) presented four posters on various topics and attracted a few discussions on site. It is always nice to see old friends and meet new people who are working in free radical field, in particular, to hear exciting talks from leaders on the fronts of the fields. I appreciate the opportunities to learn from researchers across all different areas.

Finally, I would like to extend my sincere appreciation to SFRRA's financial support for me to attend this conference. It's been a great honour and also a valuable experience. I'm looking forward to attending future SFRRA meetings.

Sweta Kumari – Department of Pharmacology and Toxicology, University of Otago, Dunedin

I am grateful to the Society for Free Radical Research Australasia for giving me the travel grant to attend the Free Radical and Metal Biology Conference, Brisbane, Australia. The conference was highly intense and extremely informative. There were more than 75 oral presentations including 8 keynote lecturers by renowned scientists and 41 posters. I would especially like to mention young investigators talk that I found to be particularly interesting and informative. These talks were given by researchers who were in their early career phase.

I got an excellent opportunity to give a presentation on "The Development of photoactivated nitric oxide donors as anticancer drugs" for which I received positive feedbacks and many useful suggestions. The conference was full of interesting topics, and I learned about lots of exciting new development in my field. It also represented a unique opportunity to meet renowned scientists from Australasia and beyond. I enjoyed the time I spent with other PhD students and senior scientist during my time in Brisbane.

Apart from conference, I managed to soak in the pleasantly warm Queensland sunshine, which was a great respite from cold and damp Dunedin. I also managed to visit a few of Brisbane attractions including Queensland museum, downtown shopping district. I took a short lovely ride on one of the city river cruise which presented a different outlook of city's skyline.

Dates for your Diary

2013

September 9-12, 2013
8th International Human Peroxidase Meeting
Location: Mercure Hotel, Sydney, Australia
Further information: http://oxidation2013.org.au/

September 12-14, 2013
21st Annual Meeting of the Society for Free Radical Research Australasia
Location: Mercure Hotel, Sydney, Australia
Further information: http://oxidation2013.org.au/

September 23-25, 2013
Society for Free Radical Research Europe Meeting
Location: National Hellenic Research Foundation, Athens, Greece
Further information: http://www.sfrr-europe2013.gr/

October 16-19, 2013
6th Biennial meeting of SFRR Asia 2013: Oxidative Stress and Mitochondrial Alterations in Ageing and Disease
Location: Taiwan
Further information: http://www.sfrr-asia2013.org/

November 20-24, 2013
Society for Free Radical Biology and Medicine 20th Annual Meeting
Location: San Antonio, Texas, USA
Further information: http://www.sfrbm.org/sections/annual-meeting/information

2014

February 9-14, 2014
Gordon Conference on Oxygen Radicals
Location: Ventura Beach Marriott Hotel, Ventura, California, USA
Further information: www.grc.org/programs.aspx?year=2014&program=oxygenrad

March 23-26th, 2014
17th Biennial Meeting of Society for Free Radical Research International (SFRRI 2014)
Location: Kyoto International Conference Center (ICCKyoto), Kyoto, Japan
Further information: http://www.sfrri2014.org/

May 7-10, 2014
Oxygen Club of California, World Congress
Location: Davis, California, USA
Further information: www.oxyclubcalifornia.org/occ/upcoming_meetings.php

November 19-23, 2014
Society for Free Radical Biology and Medicine 21st Annual Meeting
Location: Seattle, Washington, USA
Further information: www.sfrbm.org/sections/annual-meeting/information

MINUTES OF 2012 AGM

Held 1.30 pm, Thurs 29th November 2012

Queensland Institute of Medical Research, Brisbane, Australia

Present: Chris Easton SFRR(A) President, Mark Hampton SFRR(A) Secretary, Clare Hawkins SFRR(A) President-Elect, 24 other members of the Society. The meeting was chaired by Chris Easton. Minutes were taken by Mark Hampton.

1. Apologies:

David Pattison SFRR(A) Treasurer, Kevin Croft, Trevor Mori.

2. Minutes from 2011 AGM

The minutes from the last AGM, as circulated in the SFRR(A) newsletter, were accepted.

3. Treasurer's Report – prepared by David Pattison, presented by Clare Hawkins

Membership Summary

Current Financial Members as of 19/11/2012:

2012: TOTAL, 62 (43 full, 19 student); Country of Origin, 32 Australia, 30 New Zealand,

2011: TOTAL, 102 (64 full, 38 student); Country of Origin, 51 Australia, 43 New Zealand, 3 Poland, 2 USA, 1 each from UK, Brazil and South Korea

Comments

1) Membership numbers are significantly down from 2011, primarily as there was no meeting with the 2012 SFRR(A) membership included in the registration in 2011. I would like to thank all those current financial members that have made the effort to pay their membership fees to the Society for 2012.

2) *REMINDER:* The registration fees for attending the "Free Radical and Metal Biology 2012" meeting in Brisbane included 2013 membership fees for either SFRR(A) or the Australian Biometals Group depending on stated preference at time of registration. For those that did not attend the Brisbane meeting (or chose to join the Australian Biometals Group), the 2013 SFRR(A) membership fees are now due (Full, A$40/NZ$45; Student, A$20/NZ$22). Membership forms and payment details will be available on the website (www.sfrra.org) or by contacting the incoming Treasurer or Mark Hampton (mark.hampton@otago.ac.nz).

3) Finally, I would like thank everyone involved in the Society for making my time as Treasurer of SFRR(A) over the last 7 years a pleasurable experience, particularly all those that I have worked with directly on the Executive Committee. I look forward to continuing my membership of the Society in a non-Executive role.

Summary of Accounts Activity (as of 1st November, 2012)

1. Cheque Account Bearing Interest

Deposits

Membership fees:	Payments for 2012	$1,000.00
Interest Accrued:	from Term Deposit	$3,779.26
	Total Income (1/11/11 – 31/10/12)**:**	**$4,779.26**

Expenditure

SFRR(I) 2011 Dues (October 2012)	$637.19
2 SFRR(I) Travel Awards, London (2 @ $2000)	$4,000.00
Annual Statement (2011) - NSW Office of Fair Trading	$49.00
Austbrokers Liability Insurance (November 2011)	$710.00
ASMR Affiliate Membership - 2011/2012	$148.20
ASMR Affiliate Membership - 2012/2013	$155.80
Account Service Fees (as of 31/10/12)	$120
Total Expenditure (1/11/11 – 31/10/12)**:**	**$5,820.19**

2. Term Deposit

Opening Balance (as of 1/11/11):		**$45,000**
On 23/11/11:	Interest paid into cheque account	$2,361.21
	Reinvested for 7 months at 5.4%	
On 23/05/12:	Interest paid into cheque account	$1,211.67
On 23/06/12:	Interest paid into cheque account	$206.38
	Reinvested for 6 months at 4.45% (matures 23/12/12)	
Total Interest Accrued (1/11/11 - 31/10/12):		**$3,779.26**

3. Overall Summary of Australian Accounts (1/11/11 – 31/10/12)

Opening Balance (1/11/11) of Australian accounts:	**$51,849.39**
Cheque Account Bearing Interest:	$6,849.39
Term Deposit	$45,000

Total Income:	$4,779.26
Total Expenditure:	$5,820.19
Income – Expenditure:	- $1,040.93
Closing Balance (31/10/12) of Australian accounts:	**$50,808.46**
Cheque Account Bearing Interest:	$5,808.46
Term Deposit	$45,000

4. Summary of BNZ Account in New Zealand

Opening Balance (1/11/11) of New Zealand account:	**NZ$107.28**
Deposits	
2011 membership fees from 2010 Akaroa meeting	NZ$3,268.00
Profit returned from 2010 Akaroa meeting	NZ$4,485.54
Membership fees: Payments for 2012	NZ$1,031.00
Interest on NZ current account	NZ$10.31
Total NZ Income (1/11/11 – 31/10/12)**:**	**NZ$8,794.85**
Expenditure	
None	
Total NZ Expenditure (1/11/11 – 31/10/12)**:**	**NZ$0.00**
Income – Expenditure:	NZ$8,861.85
Closing Balance (31/10/12) of New Zealand account:	**NZ$8,902.13**

5. Items outstanding since 31/10/12:

Balance (31/10/12) of Australian accounts:	**$50,808.46**
Deposits	
None	
Expenditure	
3 SFRR(A) Travel Awards, Brisbane (3 @ $500)	$1,500.00
Austbrokers Liability Insurance (paid November 2012)	$720.00
Venue deposit for 2013 SFRR(A)/Peroxidase meetings, Sydney	$2,760.00
Engraving – Distinguished Service Award	$50.00
Account Service Fees (1/11/12)	$10.00
Current Balance of Australian accounts (19/11/12):	**$45,768.46**
Cheque Account Bearing Interest:	$768.46
Term Deposit:	$45,000

(Upon renewal of term deposit on 23/12/12 *ca.* $5,000 - $10,000 will need to be transferred to cheque account depending on renewal period)

Balance (31/10/12) of New Zealand account:	**NZ$8,902.13**
Deposits	
2012 membership fees	NZ$67.00
Expenditure	
4 SFRR(A) Travel Awards, Brisbane (4 @ A$500 (≡NZ$640))	NZ$2,560.00
Current Balance of New Zealand account (19/11/12):	**NZ$6,409.13**

6. Budget Considerations for 2013

Estimated Income for 2013:

- membership fees (based on current delegate numbers (57) for Brisbane)		$1,820
- membership fees (based on *ca.* 20 direct payments through year)	*ca.*	$500
- estimated interest from term deposit		
Due to mature 23/12/12, 6 months @ 4.45%	*ca.*	$1,000
Reinvestment of $35,000 for ~10 months @ *ca.* 4%	*ca.*	$1,000
- return of venue deposit for 2013 SFRR(A)/Peroxidase		$2,760
- small amount of conference profits (Brisbane 2012)		$???
TOTAL INCOME	***ca.***	**$7,000**

Estimated Expenditure for 2013:

- Affiliate Membership ASMR (July 2013-June 2014)		$150
- account service fees		$120
- lodgement of 2012 Financial Statement		$50
- SFRR(I) 2012 membership fees (due Jan 2013)		
62 members x £3.50 (British pounds; *ca.* A$5)		$350 (with bank fees)
- refundable advance for organisers of 2014 meeting		up to $5,000
TOTAL EXPENDITURE	***up to***	**$5,700**
Estimated Balance of Australian accounts (Nov 2013):		**$47,000**
Estimated Balance of New Zealand account (Nov 2013):		**NZ$6,400**

(without any funds for travel awards considered)

Travel awards required for:

SFRR(Australasia) meeting in Sydney (September 2013)

4. Meeting Schedules

SFRR(A) 2013 – Sydney

Clare Hawkins detailed the SFRR(A) executive's decision to hold the 2013 meeting (12-14th September) in association with the 8th International Human Peroxidase meeting (9-12th September). This will be the 6th joint meeting of SFRR Australasia and SFRR Japan. The cancellation of the 2011 meeting due to the Japanese earthquake and tsunami interfered with the usual consultation and decision-making process for future meetings. Feedback had been sought from members on holding the 2013 meeting in Cairns, but there was not strong support and organisers for such a meeting could not be found. Many of our Sydney members were involved in organisation of the Peroxidase meeting, and the decision was made to hold the SFRR(A) following this meeting, with a one day overlap to take advantage of joint interests.

It is acknowledged that the change in timing would be disruptive for members with teaching commitments at that time, but it is also hoped that this may be offset by the advantages to others of being able to attend two meetings in one trip, and exposure to the larger number of international speakers associated with the Peroxidase meeting. It was emphasized that the change of dates was a special case and the scheduling of subsequent meetings would return to early December.

Further discussions took place regarding the 2014 and 2015 meetings. There was support for the 2014 meeting to be in Melbourne, and the New Zealand contingent agreed to explore the possibility of hosting the 2015 meeting in Auckland.

5. Travel Awards for 2013

Chris Easton proposed that 10 awards of combined value $5,000 be offered for travel to the Sydney meeting in Sydney. The proposal was accepted.

6. SFRRI Business

Clare Hawkins reported on the last SFRR(I) committee meeting in London in September. The major discussion point was the adoption of a three-way rotation system between SFRR Asia, SFRR Europe and SFRBM for hosting the SFRR(I) biennial meetings. While this does not exclude SFRR Australasia from hosting such a meeting a special application would be required. Both Christine Winterbourn and Roland Stocker stated it would be great for SFRR(A) to host another meeting at some point in the future, it was acknowledged the financial commitment would make this difficult. Mike Davies (current President of SFRR(I)) stated the Society does provide some financial support.

It was announced that that all members would be able to make proposals for organising symposia at the International meeting. This would be adopted for the 2014 meeting to be held in Kyoto (Mar 23-26, 2014), with applications due in Feb 2013. Proposals would be peer-reviewed by a selection committee.

7. Election of the Executive for 2013-2014

The following nominations were received before the meeting:

President-Elect – Paul Witting

Treasurer – Ghassan Magzhal

Secretary – Mark Hampton

No new nominations were received. Nominees were elected unopposed.

8. Other Business

Chris Easton thanked Mark, David and Clare for their contribution during his period as President. He made special mention of the seven years' service provided by David; the longest serving treasurer in the history of the Society.

Meeting closed: 2.15 pm

Society for Free Radical Research (Australasia)
2013 MEMBERSHIP APPLICATION/RENEWAL FORM

Title: _____ **Name:** _____

Address: _____
_____
_____

Phone: _____Fax: _____

E-mail: _____

Annual Fees: Note: All delegates of the 2012 SFRR(A) meeting in Brisbane are financial members of the Society for 2013.

[ ] Full Membership Aus$40 / NZ$45 [ ] Student Membership Aus$20 / NZ$22

[ ] Electronic Funds Transfer Account name: SFRR Australia
Account number: 06 2284 10178136
Commonwealth, Univ of Sydney, NSW (BSB: 06 2284)

OR

Account name: SFRRA
Account number: 02 0800 0858347 000
BNZ, New Zealand (BKNZNZ22)

Please tick the appropriate box above to indicate category of membership. For payment please make an electronic funds transfer (preferred option) to the account detailed above.

Alternatively, please send a cheque payable to "Society for Free Radical Research (Australasia)" to Dr Ghassan Magzhal, Victor Chang Cardiac Research Institute, Lowy Packer Building, 405 Liverpool St, Darlinghurst, NSW 2010, Australia.

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(Student membership only - ask your supervisor to complete the declaration below)

I confirm that the above applicant is at present a student under my supervision.

Name: **Signature:**

Institution: **Date:**