


**NEWSLETTER October 1999**

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This is the second and final Newsletter of SFRR (Australasia) for 1999. The Executive would like to thank all those who have contributed to SFRR(A) over the last two years and wish the President-Elect all the very best in the next millenium. As always, the Executive will continue to keep members informed of recent and up-coming events in Australasia and elsewhere around the globe. For example, this issue includes a diary listing future meetings covering areas related to free radical research. To aid the transfer of information we have set up an e-mail address book with the current financial members listed. If you have not previously received electronic mail from SFRR(A) please forward your e-mail address to the Secretary, Dr Paul Witting. We continue to distribute hard copies of this Newsletter to members without e-mail access, although we aim at reducing the mailing of hard copies to a minimum to lower our overhead costs. In this context, the Executive would like to thank The Heart Research Institute for the generous support provided for copying and mailing materials to the members of SFRR(A). Please feel free to submit relevant articles to the Secretary if you wish the information to be made available to the members of SFRR(A).

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**From the President:**

Dear friends and colleagues,

As you can see from this Newsletter, most of the efforts of the Executive Committee have gone into the preparation of our forthcoming 8<sup>th</sup> Scientific Meeting. Nicholas Hunt has been working very hard (and often late at night) to put together what I think is an excellent scientific program. I would like to thank him and the other members of the Organizing Committee for their time and efforts.

The conference incorporates the scientific meetings of the Australian Society for Experimental Pathology and Australia and New Zealand Environmental Mutagen Society. We are very fortunate to have these two societies join in with us. It has allowed us to extend the meeting to four days and to attract significant sponsorship as well as a number of well-known international scientists. It is now up to all of you to support the meeting and register in large numbers. When doing so, I encourage you to also consider your staff and colleagues to attend the conference. Also, it is important that all of you use the opportunity to renew your membership of our Society. The deadline for abstracts and registration is 18 October.

*Redox Report*, the official journal of the SFRR Australasia, is now available on-line at [www.maney.co.uk/on-linejournals/index.html](http://www.maney.co.uk/on-linejournals/index.html). This is an exciting development, as *Redox Report* is the first 'free radical journal' available on-line. You may recall that there has been overwhelming support from our members to have *Redox Report* as our official journal. Unfortunately however, this support has yet to be reflected in the number of journal subscriptions by our members. Please consider this and support 'our' journal by subscribing to it.

As an example of the benefits we can gain from our journal, Nick Hunt has negotiated that we will be able to have our conference papers published in *Redox Report* as a single page mini poster. This will allow effective and rapid dissemination of our research results while, at the same time, it will not prevent subsequent publication as primary articles. You will hear more about this closer to the conference.

Among the aims I had at the onset of my presidency was the establishing of our web page and the facilitating of joint conferences with other societies. With the invaluable help from several members and also the financial support of the Sydney Free Radical Group, Inc., we now have our web page, from where you can link to ISFRR and other regional branches. Similarly, we have made progress in our efforts with joint meetings. In addition, I have formally contacted SFRR(Asia) and discussed the possibility of a joint scientific meeting with our colleagues from Japan in the near future. This has received great support and enthusiasm, and I look forward to discussing this issue with you at the forthcoming Annual General Meeting of SFRR(A) that will take place during the December conference.

Throughout my tenure, I have received fantastic support from the immediate past president (Nick Hunt) and all members of the Executive Committee, particularly the Secretary, Paul Witting. I have been and continue to be very grateful for this support – without it, the running of SFRR(A) would have been so much more difficult. I also thank everyone else who has contributed to our Society over the last two years. With Paul's (temporary) departure to Vancouver, we may be required to have a new Secretary elected at the AGM. This provides a unique opportunity to constructively contribute to our Society.

It has been a joy and privilege to serve SFRR(A) for the last two years. With equal joy I now hand over the presidency to Tony Kettle. We all know how energetic and enthusiastic he is about his favorite enzyme, myeloperoxidase. I have no doubt that he will extend this enthusiasm to the position of president and that as a result our Society will continue to develop and prosper. All the best....

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**Final Announcement** and registration forms for a major international conference of interest to all those working in the area of chemistry, biochemistry, pathology, mutagenesis, free radicals, redox reactions and oxidative damage.

### “Oxidative Pathways in Health and Disease”

Incorporating:

8<sup>th</sup> Meeting of the Society for Free Radical Research (Australasia)

30<sup>th</sup> Meeting of the Australian Society for Experimental Pathology

32<sup>nd</sup> Meeting of Australia and New Zealand Environmental Mutagen Society

The Conference, the first joint meeting of the three Societies, will be held from 1 – 4 December 1999 in the Veterinary Faculty Conference Centre on the University of Sydney main campus.

The three Societies are also meeting jointly with the Kynurenine / Tryptophan and the Photobiology Groups

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The **topics** to be covered in the conference include, but are not restricted to, the following topics:

Ageing, Antioxidants and their role in disease, Coenzyme Q, Inflammation, Photobiology, Mutation / Carcinogenesis / Cancer, Nitric oxide, Asthma, Radicals, oxygen and the central nervous system, Anti-microbial mechanisms, Immunity and pathophysiology of infectious diseases, Radiation biology, Oxidation of proteins, Redox regulation of gene expression, Redox regulation of biomolecules, Control of cell proliferation, DNA oxidation, Redox active metals, Oxidation of lipids, Tryptophan metabolism along the kynurenine pathway, Apoptosis.

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#### Confirmed overseas speakers include:

Jack von Borstel, Alberta	Potential of UV damage by sunscreen components
Karl Brand, Erlangen-Nürnberg	Control of thymocyte proliferation via redox-regulated expression of glycolytic genes
Ulf Brunk, Linköping	Lysosomal destabilisation and apoptosis
Shri Giri, Davis	Mechanism based pharmacological interventions in management of lung fibrosis
Jay Heinecke, St Louis	Bleaching activity of human phagocytes: an oxidative pathway for host defences and injury
John Keaney, Boston	Vitamin E and vascular homeostasis
Hara Misra, Davis	Molecular mechanisms of chromium(VI)-induced DNA-protein crosslinking in cultured human cells
Terry Piva	Increased cell surface protease activity in UV-irradiated cells undergoing apoptosis
Christoph Richter, Zürich	Nitric oxide and peroxynitrite in mitochondria
Rex Tyrrell, Bath	UVA as an oxidative stress - the involvement of iron
Yorihiro Yamamoto, Tokyo	Presence of regioisomeric cholesteryl linoleate hydro(pero)xides in

A rich diversity of speakers from Australasia also will present their work at the conference, including:

Nick Bett, Brisbane	Coenzyme Q and heart failure
Judy Black, Sydney	Proliferation of human airway smooth cell muscle cells and its relationship to asthma
David Celermajer, Sydney	Antioxidants and endothelial dysfunction
Tailoi Chan-Ling, Sydney	Mechanisms of retinal vascularisation and remodelling: relevance to retinopathy of prematurity
Ted Cleary	Dermis ain't dermis; electron microscopic morphometric analysis of dermal responses in hairless mice to UVA and UVB irradiation
Carlene Cullinane, Melbourne	Modulation of cisplatin DNA damage and repair by fludarabine
Ian Dawes, Sydney	The response of yeast cells to reactive oxygen species
Walter Dunlap, Townsville	Sunscreens, oxidative stress and antioxidant functions in marine organisms
Jan Gebicki, Sydney	The dissection of oxidative changes in human blood serum exposed to free radicals
Mark Hampton, Christchurch	tba
Guna Karupiah, Sydney	Nitric oxide in antiviral defence and immunopathology
Ismail Kola, Melbourne	Antioxidant enzyme gene knockout mice and CNS disease
Peter Lay, Sydney	Genotoxicity of chromium: from the test tube to the cell
Alec Morley, Adelaide	Mutation and ageing
Roger Pamphlett, Sydney	Motor Neuron Disease, mercury and radicals
Peter Parsons, Brisbane	Redox questions arising from microarray screening of UV-irradiated human cells
Salavtore Pepe, Melbourne	A beneficial role for Coenzyme Q in ischaemic heart disease
Don Phillips	Does formaldehyde contribute to the mechanism of action of anthracycline anticancer agents?
Mark Raftery, Sydney	Characterisation of the hypochlorite oxidation products of S100 proteins using electrospray mass spectrometry
Vivienne Reeve, Sydney	Interactions between the UVA and UVB wavebands relevant for immune function and carcinogenesis
Roland Stocker, Sydney	Lipoprotein oxidation, antioxidants and atherosclerosis
Pam Sykes, Melbourne	A transgenic mouse model for the study of somatic intra-chromosomal recombination as a mechanism of mutation
Shane Thomas, Sydney	Redox regulation of indoleamine 2,3-dioxygenase in interferon- $\gamma$ -primed human macrophages
Leann Tilley, Melbourne	Inhibition of the peroxidative degradation of haem as the basis of chloroquine and other quinoline antimalarials
Margret Vissers, Christchurch	Neutrophil-derived oxidants as modulators of inflammation

The conference will have about 13 scientific sessions based on oral presentations and 2 major poster sessions. There will be a conference dinner next to Sydney Harbour and one or two other social events.

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The Organising Committee consists of:

Nick Hunt, University of Sydney (Chair)  
Mike Davies, Heart Research Institute, Sydney (Treasurer)  
Vivienne Reeve, University of Sydney  
Geoff Grigg, Beta Peptide Foundation, Sydney  
Roland Stocker, Heart Research Institute, Sydney  
Gavin Greenoak, APTF, Sydney

**For further information see URL:** <http://www.med.su.oz.au/path/society2.htm>

or contact:

Ros Gibbons  
Oxidative Pathways in Health and Disease Conference  
The Heart Research Institute  
145 Missenden Road, Camperdown  
Sydney, NSW 2050 Australia  
Fax: +61 2 9550 3302  
Email: [Oxidative.pathways@hri.org.au](mailto:Oxidative.pathways@hri.org.au)

or

Prof Nick Hunt  
Department of Pathology (D06)  
University of Sydney  
NSW 2006.  
Tel (02) 9351-2414  
FAX (02) 9351-3429  
Email [nhunt@pathology.usyd.edu.au](mailto:nhunt@pathology.usyd.edu.au)

### Registration Details

If you wish to register to attend the conference, please complete and return the attached form by 18th October 1999 to receive an early payment discount. The registration fee includes lunches, coffee and tea in the session breaks, conference materials, and a welcome reception on the first night. The cost of accommodation and the conference dinner are not included (see below). Student rates apply to Honours, Masters and PhD students.

Registrations received before **18th October 1999**

Normal rate \$230  
Student rate \$150  
Day rate \$95

Registrations received after **18th October 1999**

Normal rate \$280  
Student rate \$200  
Day rate \$120

### Venue

The conference is being held at the Veterinary Faculty Conference Centre, at the University of Sydney. This is best accessed via the Ross Street gate of the University from Parramatta Road. The venue is within 5-10 minutes walk of the accommodation, and is on a main bus route to and from the city. Parking is available on the campus on a 'pay and display' basis, though this is expensive. A taxi from the airport to the conference venue takes around 20 minutes and costs around \$18. A map detailing the conference and accommodation locations will be mailed to you with your receipt of registration.

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## Accommodation

We are offering two grades of accommodation, both within a few minutes walk of the Conference Centre:  
*Travelodge Centra*

Located at 9 Missenden Road, Camperdown. All rooms have private facilities. To book a room at the Travelodge you need to contact them directly by email, fax: +61 2 9519 4020, phone: +61 2 9516 1522 email: [reservations@camperdown.centra.com.au](mailto:reservations@camperdown.centra.com.au)

To secure these reduced rates you must mention that you are attending the "Oxidative pathways conference" and provide credit card details.

Daily rates are as follows: Room for one or two people, no breakfast **\$115.00**, Room (single) including breakfast **\$125.00**, Room (2 people) including breakfast **\$135.00**

### *University Accommodation*

University college accommodation (The Women's College) with shared bathroom facilities located on the edge of the University Campus at 15 Carillon Avenue. Rooms need to be reserved when registering for the conference. Payment should be made on arrival, directly to the College.

Daily rates are as follows: Single room including breakfast **\$45.00**, Twin room including breakfast (2 people) **\$66.00**

## Abstracts

Abstracts for posters and short oral presentations (15 min) must be received by 18th October 1999. A substantial number of oral slots are available for selection from submitted Abstracts; those selected will be notified by mid-November. Please indicate on the registration form whether you wish to be considered for an oral or poster presentation or either. Prizes will be awarded for the best posters and student oral presentations. Abstracts should be no longer than 1 A4 page, be printed on a high quality printer and typed using (preferably) Times 12 point. Titles need to be in bold 14 point capitals. Authors should be on a new line, with the presenting author underlined. Affiliations of all authors should be detailed. Margins should be 2.5 cm wide. Electronic versions of Abstracts can be submitted to the organising committee via email ([oxidative.pathways@hri.org.au](mailto:oxidative.pathways@hri.org.au)), though hardcopies must also be submitted with the registration forms.

Posters should be no more than 1x 1 metre.

## Conference Dinner

The conference dinner will be held on the evening of the 2nd December. Pre-dinner drinks will be held at the Djamu (Aboriginal Art) Gallery, Customs House, Circular Quay between 6pm and 7.30pm. The Indigenous singing group 'The Three Stiff Ginns' will provide entertainment. Dinner will be held at the Harbour Watch Restaurant on Pier One from 8 p.m. The restaurant has stunning views of Sydney Harbour. The meal will be three courses, including wine and coffee. Please indicate on the conference booking form if you require vegetarian food. The cost for the evening will be \$70. Numbers are strictly limited, therefore places should be reserved as soon as possible.

## Welcome Reception and Social Events

A welcome reception will be held on the first evening (1st December). Details of further social events will be given in the final program.

## Payment

Payment for registration costs and the conference dinner may be made by credit card (Visa or Mastercard only) or by bank cheque drawn in Australian Dollars. Registration fees must be paid prior to the conference. Cancellation of registration will attract a \$50 cancellation fee.

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## Visas

Most overseas visitors, with the exception of New Zealanders, require a visa to enter Australia. Please confirm with your travel agent for further information.

## Acknowledgments

The organising committee would like to thank the following for their generous support of the conference:

International CoQ10 Association

NICNAS

Sydney Free Radical Group, Inc.

Cognis

Society for Free Radical Research (Australasia)

Australian Society of Cosmetic Chemists,

Shimadzu

Australia and New Zealand Environmental Mutagen Society

Australasian Society for Experimental Pathology

Haarmann and Reimer

## Registration Form

Oxidative Pathways in Health and Disease Conference: 1st to 4th December 1999. Please complete the following form (including pre-booking accommodation if required) and return to:

*Ros Gibbons, Oxidative Pathways in Health and Disease Conference, The Heart Research Institute, 145 Missenden Road, Camperdown, Sydney, NSW 2050 Australia Fax: +61 2 9550 3302.*

If you have any queries about registration please contact [Oxidative.pathways@hri.org.au](mailto:Oxidative.pathways@hri.org.au)

Unfortunately we cannot accept registration by email although abstracts may be sent via electronic mail.

## Abstracts for posters and talks

The deadline for submission of abstracts is **18th October**. Please see accompanying information for submission details. Abstracts cannot be accepted without accompanying conference registration fees.

## Cancellation

Cancellations must be made in writing. In the case of cancellation before 1<sup>st</sup> November 1999 all fees will be returned minus a \$50 booking fee. No reimbursement will be made after this date.

## Accommodation Reservation

Bookings for the Travelodge Centra should be made directly with this Hotel (see above accompanying information for details of address and contact numbers for Travelodge Centra).

## Bookings for University accommodation should be made using the form below:

Arrival date	Departure date	cost	Number reserved
Room type			
Single room, bed and breakfast (1 person)		\$45.00	
Twin room bed and breakfast (2 people)		\$66.00	

Payment for rooms in University accommodation needs to be made on arrival. We cannot accept payments for this accommodation.

For any further information please contact: Prof NH Hunt, Department of Pathology D06, The University of Sydney NSW 2006 Australia Fax: +61(2) 9351-3429 Email [nhunt@pathology.usyd.edu.au](mailto:nhunt@pathology.usyd.edu.au)

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Registration form:

Title:.....

Surname:.....

Initials:.....

Preferred First Name:.....

University/Organisation:.....

Postal Address.....

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.....

Postcode:.....

Country:.....

Email:.....

Telephone:.....

Fax:.....

Are you submitting an abstract ? (Please circle preference if Yes)                      Yes                      No

Type of Abstract:                      Poster    Oral    Either

Registration                      Full    Student    Day

Conference Dinner(2nd December)

Please reserve me \_\_\_\_\_ tickets for the conference dinner at \$70 each

Do you require vegetarian food? Yes/No

**Payment:** We accept payment either by credit card (Visa or Mastercard only) or by cheques in Australian Dollars Cheques should be made payable to: **Oxidative Pathways in Health and Disease.**

Registration Fees: \_\_\_\_\_

Conference Dinner: \_\_\_\_\_

Total Payment: AUS\$ \_\_\_\_\_

Credit Card Payment

Type of card    Visacard    Mastercard

Expiry Date:

Card number: \_\_\_\_\_ Amount payable (Aus\$): \_\_\_\_\_

Name on card

Signature..... Date:.....

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## **Research Profile**

Prepared by Kevin Croft and Trevor Mori

Department of Medicine, Royal Perth Hospital

University of Western Australia

### ***The People***

Ian Puddey and Lawrie Beilin who are both clinicians direct the Department. Both have a strong basic research interest in cardiovascular disease (CD). Senior staff in the department include Drs Kevin Croft and Trevor Mori (organic chemists/biochemists, respectively) whose interests focus on biological free radicals and their role in the development of atherosclerosis. Other senior staff include Drs Anne Barden, working on pre-eclampsia, Jonathon Hodgson who is currently interested in nutrition and dietary antioxidants and their combined effect on CD, and Julie Proudfoot who is examining lipoprotein oxidation and monocyte chemotaxis.

Jennifer Rivera and Kitiya Dufall are research assistants collaborating in these studies with these established senior researchers. The Department currently has more than ten PhD students with Rima Abu-Amsha Caccetta, Lincoln Morton and Emma Waddington working on free radical related projects. The group also collaborates closely with Gerald Watts, who is a clinician interested in lipoprotein metabolism using stable isotope enrichment studies. Recently Dr Hugh Barrett, a mathematical modeller from the University of Washington, joined the department further extending the range of basic research capabilities within the department. The group has also established a number of studies with national and international collaborators.

### ***Research Interests***

The major research interest of the Department is CD with a particular emphasis in human intervention studies investigating the role of diet and other life-style factors on hypertension and atherosclerosis. Supporting this applied area is a strong basic research program focusing on the role of lipid peroxidation in atherosclerosis with a particular interest on markers of in vivo free radical lipid damage (e.g., isoprostanes), bioactive lipid oxidation products (such as isoeicosanoids) and dietary phenolic antioxidants. The Department also houses the Biomedical Mass Spectrometry Unit. The Mass Spectrometry Unit is largely concerned with gas chromatography combined with mass spectrometry (GC-MS). Currently we operate 2 GC-MS instruments using both electron impact and chemical ionisation methods to generate mass ions. Negotiations are currently underway to obtain funding for a third independent instrument. The MS facility is also further supported by a variety of HPLC and GC equipment. The Department is happy to collaborate with external groups wishing to make use of the facility and potential collaborators can contact senior staff at the address shown above.

### ***Opportunity for Postgraduate Studies***

The Department encourages suitably qualified applicants from a range of backgrounds for enrolment in PhD programs. A limited number of departmental scholarships are also available to students who do not have an Australian Postgraduate Award.

### ***Support***

The group is currently supported by research grants from the NH&MRC, National Heart Foundation, Grape and Wine Research Development Corporation, Royal Perth Hospital Medical Research Foundation as well as some industry funding.

### **Recent publications in free radical research include;**

Vine DF, Mamo JCL, Beilin LJ, Mori TA and Croft KD. Dietary oxysterols are incorporated in plasma triglyceride rich lipoproteins, increase their susceptibility to oxidation and increase aortic cholesterol of rabbits. *J Lipid Research* 1998;39:1995-2004.

Mori TA, Croft KD, Puddey IB, Beilin LJ. An improved method for the measurement of urinary and plasma F<sub>2</sub>-isoprostanes using gas chromatography mass spectrometry. *Anal Biochem* 1999;268:117-125.

Hodgson JM, Puddey IB, Croft KD, Mori TA, Rivera J, Beilin LJ. Isoflavonoids do not inhibit in vivo lipid peroxidation in subjects with high-normal blood pressure. *Atherosclerosis* 1999;145:167-172.

Mori TA, Dunstan DW, Burke V, Croft KD, Rivera JH, Beilin LJ, Puddey IB. Effects of dietary fish oil and exercise training on urinary F<sub>2</sub>-isoprostane excretion in non-insulin dependent diabetic patients. *Metabolism* 1999;*in press*.

Abu-Amsha Caccetta R, Croft KD, Beilin LJ, Puddey IB. Ingestion of red wine significantly increases plasma phenolic acid concentrations but does not acutely affect ex vivo lipoprotein oxidizability. *Am J Clin Nutr* 1999;*in press*.

Proudfoot JM, Barden A, Mori TA, Burke V, Croft KD, Beilin LJ, Puddey IB. Measurement of urinary F<sub>2</sub>-isoprostanes as markers of in vivo lipid peroxidation – a comparison of enzyme immunoassay with gas chromatography mass spectrometry. *Anal Biochem* 1999;272:209-215.

### **Conference Travel Grants**

- Travel grants will be provided each year on a competitive basis to the total value of A\$2000 for attendance at an international meeting related to free radical research within the same year. All financial members of SFRR (A) are eligible to apply and we welcome applications from Australia and New Zealand.
- Funds are available to those researchers aged 35 or less, except where a special case can be made to the Executive. Deadlines for applications are 1 January and 1 July of each year for meetings in the following 6 months. A nominated committee reviews all applications.

To apply submit a copy of the abstract for the conference to be attended, a Curriculum Vitae including a full list of publications, and two reprints to: Dr Roland Stocker, Secretary, Sydney Free Radical Group Inc., The Heart Research Institute, 145 Missenden Road, Camperdown, NSW 2050, AUSTRALIA

### **Collaborative Study Grants**

SFRG, Inc. also provides support for collaborative studies in an overseas research laboratory for periods up to 3 months.

The deadlines are as for the Conference Travel Grants. Applications must include a brief outline of and justification for the proposed research, a letter of support from the host laboratory, as well as a full CV of the applicant. Please submit applications to the Secretary, SFRG.

### **Previous SFRG Travel Awards**

The Executive would like to take this opportunity to formally apologise to the one of the recipients for 1999, Christine Van Dalen. In the last Newsletter we incorrectly named H. Buss as a winner of an SFRG award. We hope that this error did not cause any undue inconvenience to either party and trust that Christine was able to benefit from attending the conference of her choice. Unfortunately, Christine Van Dalen was unavailable to contribute to this Newsletter.

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Catherine Luxford, a recipient of a SFRG 1999 Travel Award, prepared the following conference report.

#### **4th Winter Research Conferences - Biological Markers of Oxidative Stress-**

The 4th biennial meeting of the Winter Research Conferences organised by CERLIB (Le Club d'Etudes des Radicaux Libres; Free Radicals Club of Grenoble) was held between 21st - 26th March 1999 in the small mountain village of Valloire in southern France. The village of Valloire is extremely picturesque and is situated in the snow-covered mountains of the Galibier Cohn national parks, south of Savoie. With its many ski runs leading down to the quaint XVIth century village (with barocco style church), the atmosphere was both charming and relaxing. The 4th Winter Research Conferences were three consecutive sessions.

1. Iron metabolism and free radicals
2. Biological markers of oxidative stress
3. Free radicals in immune and infectious disorders.

I was fortunate enough to be able to attend the second research conference, which was held over two days in the village cinema / library, thus ensuring that everyone had a very comfortable chair and a good view! Jean Cadet introduced the opening session and the rest of the day was concerned with Oxidative damage to DNA: enzymatic, immunological and chromatographic measurements.

There were many informative and highly interesting presentations given by researchers from a wide variety of international laboratories (from Japan, UK, Germany, USA, Canada, Denmark and France). Topics ranged from the determination of endogenous DNA oxidation, using various assays such as repair endonucleases, capillary electrophoresis and immunochemical detection, to antioxidants and HPLC coupled with tandem mass spectroscopy or gas chromatography.

The second days' sessions were dedicated to the Measurement of DNA adducts and Measurement of oxidised lipids and proteins. Many in-depth discussions arose from the presentations held on this day as a large number of new techniques were introduced into the field of measuring oxidation of biomolecules, especially during the "round table" discussion held at the beginning of the last session.

With the conference organisers being French, the session timetables were very civilised and contained an afternoon break each day to allow delegates time to enjoy the myriad of mountain activities available in the sunshine. With Valloire being situated at the foot of a large ski field and being ringed by spectacular mountain ranges, most conference delegates took advantage of the good weather and headed outside and up a mountain.

After dinner each evening, the conference resumed with poster sessions from 8.30 - 10 pm. These informal sessions were well attended and a large majority of the posters being presented by students. A very high standard of research was displayed in these posters with much of the discussion continuing well into the late evening.

Walking back from the poster sessions in the below zero temperatures with light snow falling certainly added a magical quality to the conference itself. Settling down with a glass or two of the locally made red wine and accompanying sausages and cheeses of the region also helped make this a most enjoyable and successful conference.

Many thanks to the conference organisers for their hard work and to SFRG for awarding me a travel grant, enabling me to attend, participate and present my work.

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**Treasurers' Report:** Mike Murphy

The current Membership fee (payable to Society for Free Radical Research Australasia) is NZ\$35 or A\$30 for full members and NZ\$17 and A\$15 for students. As a small society we very much depend on the enthusiasm of individual members to increase awareness of the society, its activities and the advantages of membership to both ISFRR and SFRR(A). Overdue membership fees should be paid as soon as possible to aid covering the costs of activities of the society. Members with e-mail access were recently contacted and information including a membership form was distributed. Past members who are not currently financial members of SFRR(A) are urged to rejoin the society by submitting their renewal forms (see attached form in this Newsletter) to the Treasurer ASAP. Disregard the form if you have paid the 1999 membership dues.

The following is a summary of the financial status of the Australasia Branch of SFRR and covers membership for the years 1998-1999.

**Financial Statement** (as of August 26, 1999). Figures are given in NZ\$. Fees for the parent society (SFRR International) are based on the total membership of 94 for 1998. Transfer of funds to SFRR(A) December meeting are as a loan to the organising committee. Repayment is dependent on the success of the meeting.

		<b>Balance NZ\$</b>	<b>Expenditure</b>	<b>NZ\$</b>
<b>Total Membership (1998)</b>	94	7272.15	<b>SFRR International Fees</b>	874.05
<b>Full Subscription (1999)</b>	42	1330.00	<b>SFRR(A) Dec '99 Meeting</b>	1840.04
<b>Student Subscription</b>	4	68.00		
<b>Interest</b>		104.69		
<b>Resident W/H Tax</b>		-34.55		
<b>Total Income</b>		8740.29	<b>Total Expenditure</b>	2714.09
<b>Balance after expenditure</b>		6026.20		

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## Radicals on the Web!

Several SFRR members have approached the Executive Committee asking about the availability of on-line information on free radical research and up coming events. One point of entry is the new WEB site for the Australasia Branch of the Society of Free Radical Research (<http://www.med.su.oz.au/path/society2.htm>). The Executive offer their congratulations to Professor Nick Hunt and his team (Web Page by J. Maitland and maintained by G. Holden) for a wonderful job! The site also offers links to established Institutes in the Australasia region as well as other informative links. The current issue of the Newsletter is also available on-line at this site so you can catch up on articles that you missed in the hard copy.

As mentioned above, the SFRR(A) site has numerous and relevant links to other web-sites including our parent International SFRR (<http://www.mcw.edu/biophys.isfrr/>) as well as those other sites related to free radical research in biology and medicine. The Australasia branch web-site was created to fill the need for our branch to move into a more accessible electronic media and is maintained regularly to ensure that information is constantly up-to-date.

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## For Your Diary

- 1999 -

5-6, November. Redox Regulation of Cell Signalling and its Clinical Application, Kyoto Japan. Contact: Junji Yodoi, Department of Biological Responses, Laboratory of Infection and Prevention, Institute for Virus Research, Kyoto University, 53 Shogoin, Kawahara-cho, Sakyo-ku, Kyoto Japan 606, Japan. Tel: 81 75 751 4024/4038. Fax: 81 75 761 5766. E-mail: [yodoi@virus1.virus.kyoto-u.ac.jp](mailto:yodoi@virus1.virus.kyoto-u.ac.jp)

18-22, November. 6th Annual Meeting of the Oxygen Society. New Orleans Marriott, New Orleans, Louisiana, USA. Correspondence to The Oxygen Society, 74 Montgomery, Ste. 230, San Francisco, CA 94105-3411, USA. Tel: +1 415 546 3124. Fax: +1 415 764 4915. E-mail: [105472.24@compuserve.com](mailto:105472.24@compuserve.com), Website: <http://www.biophysics.mcw.edu/oxsoc/>

1-4, December. 8th Annual Scientific Meeting of SFRR(Australasia). Sydney, NSW, Australia. Contact: Nicholas Hunt, Dept. Pathology, University of Sydney, NSW 2006, Australia, Fax: +61(2) 9351 3429, E-mail: [nhunt@pathology.su.oz.au](mailto:nhunt@pathology.su.oz.au)

9-11, Decmber. Meeting of the Australian Atherosclerosis Society (AAS). Melbourne Exhibition Centre. For all enquireies contact either Richard O'Brien [robrien@bigpond.net.au](mailto:robrien@bigpond.net.au) or James Best [jbest@medicine.unimelb.edu.au](mailto:jbest@medicine.unimelb.edu.au)

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6-11 February. Gordon Research Conference on Oxygen Radicals. Double Tree Hotel, Ventura, CA. Contact: Balz Frei or Balaraman Kalyamaranan at [Balz.Frei@orst.edu](mailto:Balz.Frei@orst.edu) or [balarama@post.its.wcw.edu](mailto:balarama@post.its.wcw.edu)

Feb12-16, Biophysical Society 44th Annual Meeting, New Orleans, Louisiana Contact Biophysical Society, 9650 Rockville Pike, Bethesda, MD 20814, Phone: 301-530-7114; Fax: 301-530-7133, E-mail: [society@biophysics.faseb.org](mailto:society@biophysics.faseb.org)

1-4 March. Oxygen Club of California Annual Meeting 2000 World Congress. Oxidants and Antioxidants in Biology. Santa Barbara, CA. Contact: Enrique Cadenas, Dept. Molecular Pharmacology & Toxicology, School of Pharmacy, University of Southern California, Los Angeles CA 9033. Fax +1 323 244 7473. E-mail: [cadenas@hsc.usc.edu](mailto:cadenas@hsc.usc.edu)

6-10 September. XIth International Vascular Biology Meeting Geneva, Switzerland. Contact: IVBM 2000, c/o-MCI Group SA, Rue de Lyon 75, 1211 GENEVA 13-SWITZERLAND, Fax: +41 22 340 2363. E-mail: [anne-lise@mcitravel.com](mailto:anne-lise@mcitravel.com)

16-20 October. Xth Biennial meeting of the International Society for Free Radical Research (ISFRR 2000). Kyoto International Conference Hall. Correspondence to SFRR 2000, C/o- JTB Communications Inc., Shin Kyoto Center Bldg. F5, Shiokoji Shinmachi, Shimogyo-ku, Kyoto 600-8216, Japan. Tel: +81 75 341 1618. Fax: +81 75 341 1917. E-mail: [sfrr2000@jtbcom.co.jp](mailto:sfrr2000@jtbcom.co.jp)

19-22 September ,Third European Symposium of the Protein Society, Garmisch-Partenkirchen, Germany

Meeting Information Organizer: Wolfgang Baumeister, Max-Planck-Institut für Biochemie, D-82152 Martinsried. Contact: Third European Symposium of the Protein Society Meeting Office 9650 Rockville Pike, Bethesda, MD 20814-3998, USA, Telephone: 301-530-7010 Fax: 301-530-7014 Website: [www.faseb.org/meetings/europro99](http://www.faseb.org/meetings/europro99), E-mail: [europrot99@faseb.org](mailto:europrot99@faseb.org)

April 15-18, Experimental Biology 2000, San Diego, California.

Participating Societies: The American Physiological Society (APS), American Society for Investigative Pathology (ASIP), American Society for Nutritional Sciences (ASNS), American Association of Anatomists (AAA), The Biomedical Engineering Society (BMES), Society for Experimental Biology and Medicine (SEBM), American Federation for Medical Research (AFMR), The Microcirculatory Society (MCS), North American Society for Biorheology (NASB), Society for International Nutrition Research (SINR), American Society for Clinical Nutrition (ASCN). For further information: [eb@faseb.org](mailto:eb@faseb.org)

June 4-8,ASBMB/ASPET Joint Meeting and Satellite Meetings Boston, Massachusetts

Participating Societies: American Society for Biochemistry and Molecular Biology, The American Society for Pharmacology and Experimental Therapeutics, French Pharmacological Society, Pharmacological Society of Canada. The Call for Papers including electronic abstract

**SFRR (Australasia) 1999 Membership Application Form (Subscription due date July 1, 1999)**

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