

Bone & Mineral News

Newsletter of the Australian & New Zealand Bone & Mineral Society ABN 69 072 086 894

President's Report

March 2002

I would like to personally thank and acknowledge the outstanding work of Peter Ebeling, the outgoing council and the organising committees of our scientific meeting for leaving the Society in such a strong position scientifically and financially. The society has been active in matters related to health policy and education in the field by providing advice to government bodies and professional and lay organisations, setting up our website and by establishing a training course and accreditation programme in densitometry. Two very successful scientific meetings, the 2000 conjoint meeting with the IBMS on Hamilton Island and the 2001 meeting in Auckland attracted positive comments on the meetings and excellence of the scientific content reflect a vibrant society and skilful POC and LOC respectively by Richard Prince and Howard Morris (Hamilton Island) and Howard Morris and Jillian Cornish (Auckland).

I thank the outgoing members of council, Jane Mosely who had served as secretary, Eleanor Mackie, Ming Zeng and Howard Morris and welcome the new incoming council members, Ego Seemen, Rebecca Mason, Geoff Nicholson and David Findlay who join Mark Forward and Jillian Cornish (re-elected). The incoming council will be working with Howard Morris who is chair of the POC 2001-2003 and Rob Moore chair of the LOC for the 2002 meeting in Adelaide. I thank Ivone Johnson for her valuable and tireless secretarial support. I am sure she will continue to look after ANZBMS' interests very well.

What are the societies plans for 2001-2003? Ego Seemen is President-elect, Mark Forward treasurer and Jillian Cornish Secretary. The new council will continue to build on the work of its predecessors and has identified several issues that we believe are important to society members. Research funding in the field continues to be neglected in our community and David Findlay will become responsible for planning and advocating the society's response. Osteoporosis remains a disease which continues to be overlooked, under-diagnosed and undertreated and the society will continue to work with the national and international lay organisations and industry to develop strategies to prevent the fracture cascade that continues to cause much preventable human suffering and associated economic burden. Nic Pocock will chair the densitometry subcommittee, bring together the other members of our society who have expertise in this field and progress further the societies accreditation and training programmes and efforts to make densitometry more widely available for diagnosis. This is not to say that we will neglect other bone disorders. Council has recognised the importance of paediatric bone disorders and Chris Cowell will chair council's subcommittee that will focus on this emerging area. Council has also recognised the need to involve younger members in the affairs of the society and will co-opt one of our emerging scientists or clinicians. The society plans to update and develop position papers and care guidelines for most bone disorders and this will be one of the responsibilities of Geoff Nicholson who will chair our Medical Affairs subcommittee. We intend to make our website and newsletter more useful to our members and Roger Price and Jill Cornish have taken on this challenge.

The council hopes that all members will be active in the affairs of the society so please give us feedback. We will welcome correspondence and debate about issues. If you want an issue brought to the attention of the society we will publish it in the newsletter.

I hope that 2002 will be scientifically and personally a great year for all our members.

Michael J Hooper

Auckland Annual Scientific Meeting a Great Success.

A most successful Annual Scientific Meeting of the Society was held in Auckland during October with some 200 registrants from which over 100 free communications were offered. The scientific content of the meeting was regarded by many delegates as the highest ever achieved by our society and reflected the significant advances made by bone and mineral researchers in Australia and New Zealand in recent times. Sponsorship for the meeting was very strong for which the Society is very grateful. The international speakers, Richard Eastell and Stuart Ralston, presented excellent science and made valuable contributions to the discussion throughout the meeting.

This year our meeting was held in conjunction with the Australasian Association of Clinical Biochemists. Although their meeting was held at a separate venue, a joint session was convened at the Carlton Hotel on the final morning of the meeting. This combined session brought together some 300 delegates and was very well received. It highlighted the benefits to be achieved by joining up with different societies with mutual scientific interests.

Adelaide is the Venue for 2002 Annual Scientific Meeting 6 to 9 October 2002

Planning is well underway for the 2002 meeting which will be held in Adelaide. This time we will meet in conjunction with the Bone & Joint Decade and Professor Les Cleland has been co-opted to represent the BJD on the Program Organising Committee. The venue will be the Stamford Grand Hotel, Glenelg, from the 6 to 9 October 2002. Rob Moore has been appointed as Chair of the Local Organising Committee to handle those important venue issues including holding the Merck Fun Run/Walk along the shores of the Gulf St Vincent as the sun sets over the water.

The programme will include two eminent international visitors, Professor Steven Cummings and Professor Stephen Goldring, providing their widely recognised expertise to conference delegates.

An additional half day will be added to the program to involve researchers and clinicians from across the musculo-skeletal disciplines and to communicate the issues of bone and joint science and clinical significance to a lay public including politicians, journalists and community leader. Our Annual Scientific Meeting is the most important event for our society and meeting with the Bone & Joint Decade will provide fresh insights for all members. Start planning now to participate in our Adelaide meeting and take advantage of the seaside ambience of Glenelg to conduct some of your most important work for 2002.

Howard Morris for the Program Organising Committee

Highlights from the 2001 Annual Scientific Meeting of the Australian and New Zealand Bone and Mineral Society
Hilton Auckland
7 - 10 October 2001

We were pleased to be able to welcome Conference attendees to the Annual Scientific Meeting in the spectacular venue on the waters of the Waitemata Harbour in Downtown Auckland. The international invited speakers included Richard Eastell from Sheffield, UK, and Stuart Ralston from Aberdeen, Scotland. As well as being informative, they were both wonderful fun-filled guests to have in our midst. Richard demonstrated the predictive value of bone biochemical markers, when he addressed the first ever joint symposium with the Australasian Association of Clinical Biochemists, as well as giving a very enlightening 'Meet the Professor' breakfast session on biochemical responses to bisphosphonate therapies. Stuart addressed the Meeting in the opening session, on his investigations of polygenetic diseases in patients with osteoporosis. Stuart also took an excellent 'Meet the Professor' breakfast session, discussing nitric oxide and affects on bone and joint metabolism. We were also delighted to have Trevor Hearn talk to us on the Australian perspective of the future fracture burden. The fine talks given by our international invited speakers were complemented by the talks from some of our Society members, and thus ensured a most interesting scientific programme.

Abstracts were for the first time received on a totally electronic submission basis and this was very successful. As well as the high standard of oral presentations we were able to view an excellent assortment of clinical and basic research in the large poster session. This year, a mini oral presentation session was also included, which enabled some of the poster presenters to highlight their research. This innovate session was very well received.

The standard of the entrants for the Young Investigator Awards was outstanding. The Roger Melick Young Investigator Award was given to **David Good** who presented data on *Paget's Disease of Bone: Linkage to a novel region on Human Chromosome*. **Rebecca Jackson** was the recipient of the Chris Nordin Poster Prize with a poster entitled *Fluid Shear Stress as a mediator of fibroblast growth factor receptor (FRFG) expression and osteoblast phenotype*.

The meeting again highlighted the Society's depth of scientific strength in basic and clinically based research. We are confident that the Annual Scientific Meeting will continue providing an important forum for the dissemination of the latest developments in this research. The Society was pleased to be able to continue to award travel grant support to a large number of our junior members again this year.

Of course, this meeting could not have occurred without the continued support of Eli Lilly, Merck Sharp and Dohme, Aventis, Roche and Novartis, as well as other important sponsorship support from Pharmacia, Marconi, Wyeth New Zealand and Medtel. We gratefully acknowledge the support we received from all our sponsors and look forward to their continued support in the future.

On behalf of the POC and the LOC we would like to thank Ivone Johnson, Bonnie Robinson, Doreen Presnall and the Auckland Bone Research Group for the tremendous amount of work and effort made by them, along with the expert professional support by Rene Van Rijn and Associates. In a very elegant manner Rene ensured an extremely smooth running conference in spite of a very tight time frame in which to do this.

Associate Professor Jillian Cornish





West Australian Bone & Mineral Program (WABCAP)

For many years, scientists and clinicians in the Western Australian Universities and the Teaching Hospitals have collaborated effectively in the fields of bone and cartilage research. WABCAP was formed as an interdisciplinary group about a year ago to significantly improve funded critical mass in both laboratory based development and clinical application; to provide a more focused and cohesive image for interaction with funding bodies; to increase the potential for the development of intellectual property; to test and improve therapeutic medical and surgical interventions and to develop postgraduate training. Since its formation WABCAP has hosted four eminent visitors to Perth; T Jack Martin (St Vincent's Institute, Melbourne), Mark Forwood (University of Queensland), Nick Fazzalari (IMVS, Adelaide) and Steven Teitelbaum (Washington University). A highlight of the year was a one-day Retreat in the Hills above Perth, where the presentations were dominated by postgraduate students. The Guest of Honour was Professor Nick Fazzalari who delivered a presentation entitled "*Differential gene expression in the human bone microenvironment of the hip*". This year WABCAP plans an equally informative program, aiming in part to entice talented young researchers into the bone and cartilage fields.

Richard Prince, Ed Scull, David Wood, Ming Hao Zheng and Roger Price.

Accreditation of Densitometry Practises

The guidelines for accreditation of densitometry practises have been generally accepted by the ANZBMS, the ANZAPNM and the RANZCR. Modifications have been made to the standards principally relating to the compliance testing of the DXA equipment. The appropriate changes have been made to the ANZBMS web site. The requirement for estimation of in-vivo precision, while generally accepted as worthwhile, is still currently under debate, due to the issue of informed consent. The RANZCR is exploring the development of a generic Ethics Approval form which would be available to densitometry laboratories for use with volunteers willing to take part in estimation of in-vivo precision. The ANZBMS web site has been improved so that a complete set of the current accreditation guidelines can be easily downloaded and printed in pdf format.

Implementation of the accreditation guidelines was initially intended to include site visits to departments wishing to become accredited. This however is not currently achievable due to logistical problems. As an alternative a questionnaire has been devised (commissioned by the RANZCR from NATA) to assess compliance of densitometry practises with the accreditation guidelines. This questionnaire has been accepted by the ANZBMS, the ANZAPNM and the RANZCR for their members. A copy of the self test questionnaire can be downloaded in pdf format from the ANZBMS web site

Assoc Prof Nicholas Pocock

The ANZBMS Website

The existing website (<http://www.racp.edu.au/anzbms>) has served the Society well for some time and so is due for an update. Following some prodding by our President, meetings have been held. Our Secretariat Ivone Johnson and Website guru Anne Kovach have been particularly diligent in assembling options for change, adding along the way dashes of artistic flair. Since this endeavour is very much “work in progress” (and always will be) comments and ideas are keenly sought. It has been proposed to simplify the current “first level” pages from 12 to 7. These new pages would be *Homepage* (i.e. welcome, announcement headlines); *About ANZBMS* (Office Bearers & Council, Secretariat, Constitution); *News* (including job advertisements, newsletter); *Events Calendar* (Annual Scientific and other meetings); *Membership* (fees, application form, members’ list); *Resources* (useful links, journal subscriptions); *Education & Research* (position statements, accreditation guidelines, technical courses outlines), some in the form of pdf files for downloading.

Some issues arising are: (i) *Privacy* – who should have access to our membership list, and how? (ii) *Sponsorship* – how should these be represented on the website? (iii) *Hotlinks* – the obvious ones include the IBMS and ASBMR websites; also Bone & Tooth Society, European Society for Calcified Tissues. Inevitably more controversial candidates for inclusion will arise, with possible commercial implications or questionable scientific aims. How can the merits of these to be determined? Do we need a “hotlink rulebook”? (iv) *Education* – should the Webpage host information broad enough to include (for example) specialised information on interpreting idiosyncratic bone density scans? On the same theme, is there scope for a “chat line”, independent of the Webpage, but hotlinked to it? This could provide a forum for rapid Q&A sessions, but carries the danger that even more emails (irrelevant to many members) will pile up in our inboxes (filters can help here). (v) *Education* again – should important new publication references be displayed, possibly with comments? (vi) *Council* - should there be a section accessible only to office-bearers?

Anne Kovach will be setting up a trial design in the next few weeks. Attention will be paid to the different capacities of web browsers to display pull down menus and other display functions. In the meantime, comments on the issues above, and others that come to mind are grateful sought. Please send these to price@cyllene.uwa.edu.au

Roger Price
Web Page Co-ordinator

***Literature in Clinical Aspects of
Osteoporosis
Recommended Reading
E Seeman***

General Reviews

Lanyon L, Skerry T. Postmenopausal osteoporosis as a failure of bone's adaptation to functional loading: a hypothesis J Bone Miner Res 2001;16:1937-47

Karsenty G Transcriptional Control of Osteoblast Differentiation Endocrinology 2001;142:2731-2733

Treatment

Dubey RK, Jackson EK. Cardiovascular protective effects of 17(-estradiol metabolites J Appl Physiol 2001;91:1868-83

Burkman RT, Collins JA, Greene RA. Current perspectives on benefits and risks of hormone replacement therapy. Am J Obstet Gynecol 2001;185(2 Suppl):S13-23

Saitta A, Morabito N, Frisina N, et al. Cardiovascular Effects of Raloxifene Hydrochloride Cardiovascular Drug Review 2001;19:57-74

Roschger P, Rinnerthaler S, Yates J et al. Alendronate increases degree and uniformity of mineralisation in cancellous bone and decreases the porosity in cortical bone of osteoporotic women. Bone 2001 Aug;29(2): 185-91

Fontana A. Delmas PD Clinical use of selective estrogen receptor modulators. [Review] [46

Current Opinion in Rheumatology. 13(4):333-9, 2001

Parikka V. Lehenkari P. Sassi ML et al. Estrogen reduces the depth of resorption pits by disturbing the organic bone matrix degradation activity of mature osteoclasts Endocrinology. 142(12):5371-5378, 2001 Dec.

Heckbert SR ; Kaplan RC; Noel S. Weiss NS et al. Risk of Recurrent Coronary Events in Relation to Use and Recent Initiation of Postmenopausal Hormone Therapy Arch Intern Med. 2001;161:1709-1713

Viscoli CM. Brass LM. Kernan WN et al. A clinical trial of estrogen-replacement therapy after ischemic stroke. New England Journal of Medicine. 345(17):1243-1249, 2001 Oct 25.

Mashiba T, Turner CH, Hirano T et al. Effects of high-dose etidronate treatment on microdamage accumulation and biomechanical properties in beagle bone before occurrence of spontaneous fractures. Bone 2001;29:271-8

Dempster DW, Cosman F, Kurland ES et al. Effects of Daily Treatment with Parathyroid Hormone on Bone Microarchitecture and Turnover in Patients with Osteoporosis: A Paired Biopsy Study J Bone Miner Res 2001;16:1846-1853

C.J. Edwards¹, R.G.G. Russell², and T.D. Spector. Statins and Bone: Myth or Reality?

Calcif Tissue Int 2001; 69:63-67

P.J. Marie, P. Ammann, G. Boivin, and C. Rey. Mechanisms of Action and Therapeutic Potential of Strontium in Bone. Calcif Tissue Int 2001;69:121-130

Alexander JM, Bab I, Fish S et al. Human parathyroid hormone 1-34 reverses bone loss in ovariectomised mice. J Bone Miner Res 2001 Sep;16(9):1665-73

Genetics

Efstathiadou Z, Tsatsoulis A, Ioannidis JP. Association of collagen I alpha 1 Sp1 polymorphism with the risk of prevalent fractures: a meta-analysis. *J Bone Miner Res* 2001 Sep;16(9):1586-92

R Rizzoli, J-P Bonjour and SL Ferrari Osteoporosis, genetics and hormones *J Mol Endocrinology* 2001;26:79-94

Growth

Bonjour JP. Chevalley T. Ammann P. Slosman D. Rizzoli R. Gain in bone mineral mass in prepubertal girls 3.5 years after discontinuation of calcium supplementation: a follow-up study *Lancet*. 358(9289):1208-1212, 2001 Oct 13.

Ojeda SR, Prevot V, Heger S Regulation of Puberty *Curr Opin Endocrinol Diabetes* 2001;8:154-160

Ieuan A Hughes. Sex Differentiation *Endocrinology* 2001;142: 3281-3287

Exercise

MacKelvie KJ. McKay HA. Khan KM. Crocker PRE. A school-based exercise intervention augments bone mineral accrual in early pubertal girls. *Journal of Pediatrics*. 139(4):501-508, 2001 Oct.

Local and Systemic Regulatory Factors

Khosla S. The OPG/RANKL/RANK system *Endocrinology*. 142(12):5050-5055, 2001 Dec.

Lindberg MK. Alatalo SL. Halleen JM. Mohan S. Gustafsson JA. Ohlsson C. Estrogen receptor specificity in the regulation of the skeleton in female mice. *Journal of Endocrinology*. 171(2):229-236, 2001

Corticosteroid induced osteoporosis

Clowes JA. Peel N. Eastell R. Glucocorticoid-induced osteoporosis. *Current Opinion in Rheumatology*. 13(4):326-32, 2001

Cooper MS. Glucocorticoid-induced Osteoporosis *Curr Opin Endocrinol Diabetes* 2001;8:140-5

Men

Sundeep Khosla, L. Joseph Melton, III, Elizabeth J. Atkinson and W. M. O'Fallon. Relationship of Serum Sex Steroid Levels to Longitudinal Changes in Bone Density in Young Versus Elderly Men *The Journal of Clinical Endocrinology & Metabolism* Vol. 86, No. 8 3555-3561

Peter R. Ebeling, John D. Wark, Stella Yeung, Cathy Poon, Nouria Salehi, Geoffrey C. Nicholson and Mark A. Kotowicz Effects of Calcitriol or Calcium on Bone Mineral Density, Bone Turnover, and Fractures in Men with Primary Osteoporosis: A Two-Year Randomized, Double Blind, Double Placebo Study. *The Journal of Clinical Endocrinology & Metabolism* Vol. 86, No. 9 4098-4103

Report of National Institute on Aging Advisory Panel on Testosterone Replacement in Men. *J Clin Endocrinol Metab* 2001 86: 4611-4614

Szulc P, Garnero P, Munoz F, Marchand F, Delmas PD. Cross-sectional evaluation of bone metabolism in men. *J Bone Miner Res* 2001 Sep;16(9):1642-50

Osteoporosis International—Progress in Osteoporosis

Council have been working towards increasing the value of your membership. Members should note the following benefits now available to ANZBMS members.

ANZBMS members now have free electronic access to **Osteoporosis International**.

Osteoporosis International can be accessed at:

<http://link.springer.de/link/service/journals/00198/index.htm>

For your personal access to the electronic version of the journal, register electronically at:

<http://link.springer.de/orders/index.htm>

Here, choose the following options:

Your location

Other countries

Type of Customer/Subscription

Society member

LINK number? (Optional) hit return

Not yet, New LINK customer

Or Yes: and insert your LINK number, if you registered for LINK already.

Then click the 'submit' button. On the next page, tick the check box for accepting the General Terms and conditions for Online access and fill in Title number (five digits) and the registration code (capital letters)

Title number: 00198

Registration code: MDPLA

Click on 'submit', then fill in your address data, Society details *including your society membership number*, and send off the data. You will first get a copy of your data, and some days later – again via email – your personal access code (user-ID and password) and your LINK number if you are a new user, or a confirmation of access being set up under your existing account respectively.

ANZBMS members now also have the option to subscribe to **Progress in Osteoporosis**, edited by Professor Ego Seeman, at a discounted subscription rate.

Order form available on ANZBMS website

JOB WANTED

My name is Elaine Barrington-Ward, I am currently working as a medical registrar specialising in Diabetes and endocrinology in the UK. I am considering spending some time working in Australia prior to getting entrenched in a medical rotation in the UK. My current experience of Diabetes and Endocrinology mainly lies on the clinical side, and I would be interested in continuing this in Australia, however I would also be interested in developing some research interests. I am sure competition for jobs is very high, but I would be grateful if you would consider me for any jobs that may arise from mid April onwards, for a period of six to twelve months.

Yours sincerely,

Elaine Barrington-Ward

Email: e_barrington_ward@hotmail.com

WEBSITES OF INTEREST

Australian and New Zealand Bone and Mineral Society

<http://www.racp.edu.au/anzbms>

American Society for Bone and Mineral Research

<http://www.asbmr.org>

Australian Diabetes Society

<http://www.racp.edu.au/ads>

Australian Society of Medical Research

<http://www.asmr.org.au>

American Endocrine Society

<http://www.endo-society.org>

The ANZBMS welcomes new members:

Miss Carol Aghajanian
Ms Dana Bliuc
Miss Elizabeth Bond
Dr Qi Chen
Miss Maria Chiu
Mrs Dianne Davis
Dr Tammy Dela Rosa
Dr Ashish Diwan
Ms Sharon Edwards
Miss Natalie El Haber
Dr P. A. Frengley
Mrs Anne Glue
Mr David Good
Dr Bernadine Hill
Mr Jason Hodge
Mrs Natasa Ivankovic
Miss Rebecca Jackson
Dr David Jesudason
Mis Suzanne Kalnins
Ms Fiona McGrath
Dr Julie McManus
Miss Catherine Middleton
Mrs Michiko Mirams
Dr Anthony Morrow
Ms Rakhshanda Naheed
Dr Dorit Naot
Mrs Rebecca Nobes
Miss Lynda Paton
Ms Rachel Peat
Ms Nicole Quinn
Dr Johannes Schuijerg
Ms Rosealee Smith
Ms Shu-Jun Song
Mrs Joanne Stapleton
Miss Thu Vinh Tran
Mrs Annette Walker
Dr Xiao-Fang Wang
Ms Roz Wealthall
Dr Joseph Wong
Dr Chelsea Xu

WEBSITES OF INTEREST

Bone and Joint Decade
[Http://www.boneandjointdecade.org](http://www.boneandjointdecade.org)

Endocrine Society of Australia
<http://www.racp.edu.au/esa>

European Foundation for Osteoporosis
<http://www.effo.org>

Federation of American Societies for Experimental Biology
<http://www.faseb.org>

International Bone and Mineral Society (IBMS)
<http://www.ibmsonline.org>

International Osteoporosis Foundation
<http://osteofound.org>

International Myeloma Foundation
<http://www.myeloma.org/imf.html>

International Society for Clinical Densitometry
<http://www.iscd.org>

International Sun Valley Hard Tissue Workshop
<http://www.utah.edu/radiobiology/>

National Health Medical and Research Council (NHMRC)
<http://www.health.gov.au/nhmrc>

National Osteoporosis Foundation
<http://www.nof.org>

Osteogenesis Imperfecta Foundation
<http://www.oif.org>

Osteoporosis Sydney Support Group
<http://www.osteoporosis.com.au>

Osteoporosis and Related Bone Diseases -National Resource Center
<http://www.osteoporosis.org>

Osteovision
<http://www.osteovision.ch>

Paget Foundation for Paget's Disease of Bone and Related Disorders
<http://www.paget.org>

Dates for the Diary

1-3 July, 2002-ECM III Cartilage & Joint Repair Tutorials, Basic Research & Clinical Methods, Davos, Switzerland, Contact: Website: www.aofoundation.org/events/ao/ecm/index.shtml

21-26 July, 2002-The 15th International Bone Densitometry Workshop, Monterey, CA, USA, Contact Radiology Postgraduate Education, Email: cme@radiology.ucsf.edu, Website: www\postrad.radiology.ucsf.edu

24-27 July, 2002-20th Annual Meeting of the Japanese Bone and Mineral Society, Okayama, Japan, Contact Professor Masao Fukunaga, Email: mfukunag@med.kawasaki-m.ac.jp, Website: www.jobmr.gr.jp

10-13 August, 2002-Clinical Biochemistry and Molecular Medicine 2002, Reykjavik, Iceland, Contact: Iceland Incentives Inc, Email: mail@iii.is, Website: www.iii.is

16-17 August, 2002-2nd Transplant Bone Disease Meeting, Buenos Aires, Argentina, Contact: Luisa Plantalech, Email: transbone@com4.com.au

4-8th September, 2002-1V. Baltic Bone and Cartilage Conference, Binz-Island of Ruegen, Germany, Contact Prof. Markus Seibel Email: markus_seibel@med.uni-heidelberg.de, Website: www.4bbc.de

20th-24th September, 2002 - American Society for Bone and Mineral Research 24th Annual Meeting, San Antonio Convention Center, San Antonio, Texas, USA,. Contact: (202) 367-1161, Email: asbmr@dc.sba.com, Website: www.asbmr.org

23rd-25th September, 2002 -Annual Scientific Meeting of the Endocrine Society of Australia, Adelaide Convention Centre, Adelaide, SA. ASN, PO Box 200, Balnarring Vic 3926, ph 03 5983 2400
Attn: Mike Pickford., email mp@asnevents.net.au

25-27th September, 2002 ADS/ADEA combined Annual Scientific Meeting, Adelaide Convention Centre, Adelaide. SA. ASN,
PO Box 200,
Balnarring Vic 3926,
ph 03 5983 2400
Attn: Mike Pickford., email mp@asnevents.net.au

6-9th October, 2002 - 12th Annual Scientific Meeting of the Australian & New Zealand Bone & Mineral Society, Adelaide. SA.
Stamford Grand Adelaide, Glenelg
Chair: Howard Morris, Contact: Ivone Johnson-ANZBMS Secretariat, 145 Macquarie Street, Sydney, Ph: 02-9256 5405, Fax: 02-9251 8174
Email: anzbms@racp.edu.au,
Website: www.racp.edu.au/anzbms

11-13th October, 2002-European Orthopaedic Research Society 12th Annual Meeting, Lausanne, Switzerland Contact: EORS 2002, Email: eors2002@hospvd.ch, Website: www.eors2002.ch

17-21st October, 2002-4th International Conference on Bone Morphogenetic Proteins, Sacramento, CA, USA, Contact A. Hari Reddi, Email: ctr@ucdmc.ucdavis.edu, Website: www.ctr.ucdmc.ucdavis.edu

24-26th October, 2002-IX Instructional Course Lectures of EFFORT, Krakow, Poland, Contact: A/P Edward Czerwinski, Email: icl@effort.pl, Website: www.effort.pl

7-9th November, 2002-Third International Meeting on Social and Economic Aspects of Osteoporosis and Osteoarthritis, Barcelona, Spain, Contact: YP Communication, Email: ypc@compuserve.com

The Sydney Bone & Mineral Group Meetings 2002

At

**Royal Sydney Yacht Squadron,
Buffet Room Top Floor,
33 Peel Street, Kirribilli**

(Complimentary parking available: Any of 3 car parks can be used ie Garden, Undercover of Peel Street. If boomgate down, press intercom button)

Canapes & Drinks will be provided by sponsoring pharmaceutical companies (Merck Sharp & Dohme and Roche) from 6.00pm.

3 presentations 6.30pm - 8.00pm.

Two clinical & one basic science.

The meetings for Year 2002 will be held on 12 March, 14 May, 9 July,
10 September & 12 November

For further information contact Carol on 02-9767 3691

The Sydney Bone & Mineral Group is affiliated with the ANZBMS

Thanks to our Supporters

The Society gratefully acknowledges the support of it's Founding Corporate Sponsors: Australian Dairy Corporation and Dairy Research Development Corporation, Novartis, Eli Lilly, Merck Sharp & Dohme (Australia) Pty Limited, Pharmacia and Upjohn Pty Ltd, and Roche Products Pty Ltd.

Aventis Pharmaceuticals

The Society also gratefully acknowledges support from the following companies: Marconi Australia, Medtel, Inderlec Australia and Bioclone (Australia), Quidel Corporation and Dade-Behring Diagnostics.

ANZBMS MEMBERSHIP

The Annual Membership fee for the ANZBMS is \$82.50 for full members, \$33.00 for student members and (\$30.00 for 3 years) for retired members.

The Society currently has 350 members. New members are always welcome and an application for membership form is available on the ANZBMS website: www.racp.edu.au/anzbms.

Members are encouraged to contact the Secretariat if they have any editorial that they wish to contribute to the newsletter that may interest our readers. Please forward any editorial to:

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Council of the Australian & New Zealand Bone & Mineral Society (2001-2003)

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