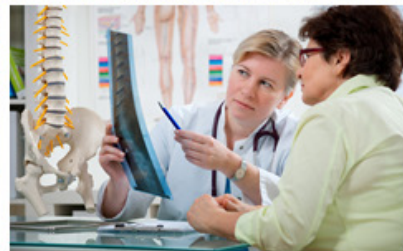


ANZBMS



2013

ANNUAL REPORT

AUSTRALIAN AND NEW ZEALAND BONE AND MINERAL SOCIETY

AIMS AND GOALS

THE AIMS AND GOALS OF THE SOCIETY ARE TO:

- ACT AS THE PRINCIPAL PROFESSIONAL BODY FOR SCIENTISTS AND CLINICIANS INVOLVED IN RESEARCH AND MANAGEMENT OF PATIENTS IN THE FIELD OF METABOLIC BONE DISEASE AND MINERAL METABOLISM IN AUSTRALIA AND NEW ZEALAND;
- ACT AS THE PREMIER FORUM FOR THE PRESENTATION OF RESEARCH AND DEBATE ABOUT CLINICAL AND METABOLIC BONE DISEASE IN AUSTRALIA AND NEW ZEALAND; AND
- ADVANCE THE EDUCATION OF CLINICIANS, ALLIED HEALTH PROFESSIONALS AND THE PUBLIC IN THE NATURE OF AND MANAGEMENT OF DISEASES IMPACTING UPON THE SKELETON.



REPORT FROM THE PRESIDENTS

This year marks the 25th anniversary of our Society's establishment in 1988. The occasion was suitably celebrated by the membership during our Annual Scientific Meeting in Melbourne where a special commemorative booklet, produced by Matthew Gillespie, Ivone Johnson and Sue Pankridge, has been distributed to all delegates. It is hoped that this booklet provides some key elements of the Society's establishment, development and continued success.

The 2013 Annual Scientific Meeting was successful and well attended with over 320 registrants, and the event continued with the intent of the Society, from its beginnings, to provide a first class meeting to enhance our research effort and foster collaborations between our scientific and clinical communities. The programme featured 28 invited seminars, 59 oral and 139 poster presentations. Roland Baron and Cliff Rosen attended the meeting as our invited international speakers and delivered fascinating talks on their current research. In addition, the programme had been expanded to provide time for numerous mini-oral sessions to further showcase research presented as a poster. A new session featuring discussions of clinical cases was well received and thought equally informative to clinicians and biomedical researchers. We acknowledge the support from our sponsors: Amgen with GlaxoSmithKline (Platinum), Sanofi Aventis and Servier (Silver), as well as Eli Lilly and Merck Sharp & Dohme.

Furthering the co-operation with other societies, this year ANZBMS became an affiliate member of the International Bone and Mineral Society (IBMS), joining two other societies in this status: The Spanish Society for Bone and Mineral Metabolism Research (SEIOMM) and the Japanese Society for Bone and Mineral Research (JSBMR).

The affiliation with IBMS provides financial members of ANZBMS full IBMS membership status which includes free access to BoneKey Reports; access to 'member only' areas of BoneKEY (not provided by institutional library access); voting and committee rights for IBMS; discounts at IBMS meetings (e.g. annual meetings, Sun Valley and CIBD); eligibility for IBMS awards (travel, Rodan and Gregory R. Mundy Fellowship Awards) and discounts on "open-access" and nature.com journals. Furthermore, the ANZBMS will have the opportunity to promote announcements communicated by IBMS, ability to publish meeting content on BoneKEY, receive branding position on the IBMS website, and preferential pricing on some services. During this year's AGM, the membership voted that the IBMS membership fee of \$40 be paid half by ANZBMS and half by the individual members through a \$20 increase in the ANZBMS membership fee.

ANZBMS enjoys continued and significant relationships with the ASBMR and the IBMS. Natalie Sims and Mark Forwood are both Directors of IBMS, and John Eisman has been elected Vice President/ President-Elect of IBMS. We congratulate Ego Seeman for being awarded the 2013 IBMS John G. Haddad Jr Award, John Eisman for being named as a 2013 Esteem Awardee of the ASBMR, and Peter Ebeling as a Councillor of ASBMR.

Osteoporosis Australia (OA) and ANZBMS have maintained their close co-operation in supporting campaigns to raise awareness for "Healthy Bones" and for secondary fracture prevention services. We are also engaged in building the OA-ANZBMS Research Fund through the awarding of research grants, and through increased profiling of the fund.

CONTINUED



REPORT FROM THE PRESIDENTS

The ANZBMS Densitometry Course continues to provide a successful training programme. Nick Pocock, Roger Price, Chris Schultz and Allison Evans have developed and expanded the programme's content in 2013, making the course even more popular. It should be noted here that the ANZBMS Densitometry Course generates significant revenue for our Society.

Taking responsibility for ongoing education and training of younger medical professionals, ANZBMS has established the "Advanced Clinical Postgraduate Meeting", a full-day, high-intensity training course to be held around Australia and New Zealand. These meetings are designed to convey the latest information on best practice in the diagnosis and treatment of bone and mineral diseases and present 'coalface' perspectives from experienced specialists. In 2013, meetings were held in Rotorua (NZ) and Brisbane (Qld), and we wish to thank Elaine Dennison and Emma Duncan for their assistance in organising and conducting these successful meetings. The next Advanced Clinical Postgraduate Meetings will be held in Adelaide and Perth in 2015, under the leadership of Gerald Atkins and Nathan Pavlos.

The Therapeutics Committee continued working on our MSAC application 1313 regarding an item number for bone mineral density testing in women receiving treatment with aromatase inhibitors for hormone receptor-positive breast cancer. In 2013, the TC had to respond to various requests by the MSAC, usually within a rather short time frame. A "Draft protocol to guide the assessment of bone mineral density analyses using Dual Energy X-Ray Absorptiometry in breast cancer patients receiving aromatase inhibitor treatment" is currently under review but a final decision should not be expected before mid-2014.

The Society has redeveloped its public interface and communication activities through a new website (<http://www.anzbms.org.au>) and a regular eNews bulletin. We encourage you to visit this website and provide us with feedback, and provide articles for distribution through the ANZBMS eNews.

Throughout the year, Ivone Johnson and Melissa Dupavillon have provided outstanding support to our Society. On behalf of the entire ANZBMS membership, we would like to thank Ivone and Melissa for their tireless efforts. Our Society would not enjoy its success and smooth organizational operation without the efficient and diligent work that our Secretariat performs. We also thank the RACP for its continued support.

Finally, we would like to thank the members of ANZBMS Council, who have generously given their time and contributed tremendously throughout the year: Gerald Atkins (Honorary Secretary), Gethin Thomas (Honorary Treasurer), Mark Bolland, Charles Inderjeeth, Nicholas Pocock and Natalie Sims as Council Members, and Rebecca Mason as Past-President. We are very grateful for their commitment and continued advice. Thanks also to Michael Hooper and Rory Clifton Bligh for their ongoing representation, on behalf of the ANZBMS, to the RACP.



Markus Seibel
President

Matthew Gillespie
Immediate Past President

TREASURER'S REPORT

DR GETHIN THOMAS, ANZBMS TREASURER

The Society remains in a strong financial position.

The current financial environment is making it increasingly difficult to secure the support we have enjoyed from pharmaceutical companies in previous years. This is not a threat to the stability of the Society as we have considerable funds in reserve. Our Annual Scientific Meeting continues to attract significant attendance which should ensure that we remain an attractive Society for potential sponsors in the future. We have recently entered into a partnership with the IBMS further raising our international profile and providing added value for our members.

Overall Result

The Society had a surplus of \$18,374 in 2013. (2012 = \$112,331 surplus; 2011 = \$96,669 loss) The result for 2013 reflects a lower income from the 2012 ASM and a number of increased expenses which are detailed below. Surpluses from 2011 meeting were realised in the 2012 financial year but many expenses were booked in 2011 financial year. In previous years we received an unrestricted grant from Servier to the value of \$25,000 which was discontinued in 2012.

Investments

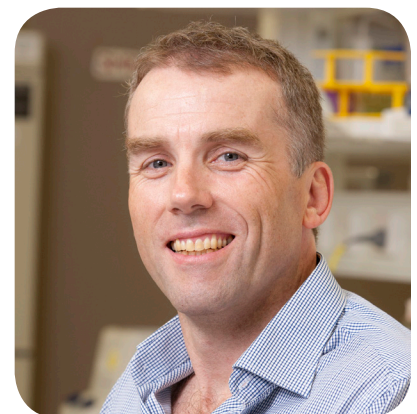
\$552,364 Rural Bank Term deposit @ 3.75%. Matures 28/01/2014
\$261,669 Investec Term Deposit @ 3.85%. Matures 27/12/2013
\$125,489 Investec Term Deposit @ 3.85%. Matures 27/12/2013
Total = \$939,522

Future directions

ANZBMS contributed to establishing the Phillip Sambrook Award Fund with \$25,000. Over the past two years we have also contributed \$25,000/yr to supporting fundraising activities in conjunction with OA. We recently renewed our agreement with Amgen to continue the \$20,000/yr award funding for a further 3 years. For the 2013 ASM registration costs increased to ensure that there was not a significant loss associated with this meeting. Sponsorship for this meeting was extremely difficult to raise and these funds usually subsidise the considerable inclusions (i.e. catering/dinners/internet access) that attendees expect at the ANZBMS ASM.

We hope to maintain such a generous meeting package in the future but the Council are currently considering alternative ASM formats to ensure quality meetings can be continued without a significant financial burden on the membership or the Society.

We have entered into a partnership with IBMS. For the first year ANZBMS has underwritten the cost of ~\$40/member. We will assess the benefits of this arrangement over the coming year as well as consult the membership at the AGM.



*Dr Gethin Thomas,
ANZBMS Treasurer*

THE ANZBMS WEBSITE

HAS A NEW LOOK!

ANZBMS launched its new and improved website in 2013.

With improvements throughout, our new website is designed with a fresh appearance.

Click www.anzbms.org.au to see all the new user-friendly updates. Easily find upcoming meeting information, view newsletters, pay online for your subscription dues and apply for the awards and grants of the society.

Check out the resources section which includes: Patient information, Bone Density, Policies and past ASM resources.



Home About ANZBMS Members News Events Resources Contact Us



ASM 7-10 September 2014, Queenstown

Sunday 7 September – Wednesday 10
September 2014
Millennium Hotel, Queenstown, New Zealand

[+read more](#)

ANZBMS Densitometry course

The next course is to be held 26th- 27th
October at RBWH Brisbane.

Registration is now open.

[+read more](#)

IBMS Membership

Furthering the partnerships of ANZBMS with
other societies, this year ANZBMS became an
Affiliate Member of the International Bone and
Mineral Society.

[+read more](#)

Happy 25th Anniversary ANZBMS



[Download the ANZBMS 25th
Anniversary newsletter.](#)

Welcome to ANZBMS

Australian and New Zealand Bone and Mineral Society (ANZBMS) is a professional medical / scientific society established in 1988 to bring together clinical and experimental scientists and physicians actively involved in the study of bone and mineral metabolism in Australia and New Zealand.

Mission

The mission of the ANZBMS is to be the premier Australasian society in the field of bone and mineral metabolism through promoting excellence in bone and mineral research, fostering the integration of clinical and basic science, and facilitating the translation of our science to health care and clinical practice.

Key objectives to achieve these goals include the nurturing and development of the future generations of basic and clinical scientists, and the dissemination of new knowledge in bone and mineral metabolism through our Annual Scientific Meeting. The ANZBMS will be proactive in shaping research and health policies based on scientific advances in our field.

[Read More](#)

Member Login

Username:

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Meetings

Visit our new conference site at
www.anzbmsconference.com

[+read more](#)

HAPPY 25TH



ANNIVERSARY ANZBMS

2013 marks the 25th Anniversary of the formation of the Australia New Zealand Bone and Mineral Society, which occurred in November 1988.

A commemorative Special Edition Newsletter was organised for this event and can be viewed at <https://www.anzbms.org.au/anzbms-25th-anniversary.asp>



RACP

Members of the Board, Fellows and staff of The Royal Australasian College of Physicians join me in congratulating members of the Australia and New Zealand Bone and Mineral Society's Council, your Fellows, management and staff on the occasion of the Society's 25th Anniversary.

I am sure the activities and events surrounding your 2013 ASM will provide the opportunity to highlight, recognise and reflect on the ANZBMS' achievements attained from 25 successful years as a Specialty Society. The RACP looks forward to continuing our close association and collaboration.

With best wishes.

Yours sincerely

Assoc Prof Leslie E Bolitho AM

President, The Royal Australasian College of Physicians, 145 Macquarie Street, Sydney NSW, 2000



OUR MEMBERS

INTERNATIONAL RECOGNITION OF ANZBMS MEMBERS

Vice-President of IBMS

Congratulations to John Eisman being appointed to Vice-President of the International Bone and Mineral Society.

ASBMR William F. Neuman Awardee

Congratulations to the 2013 ASBMR William F. Neuman Awardee John A. Eisman, MBBS, Ph.D., FRACP.



John Eisman

Congratulations to Ego Seeman and Natalie Sims on their recent recognition by the IBMS: Ego recipient of the John G. Haddad Jr. Award, and Natalie the Herbert A. Fleisch Award.

IBMS John G. Haddad Jr. Award 2013

Recipient:

Professor Ego Seeman

For outstanding contributions by an IBMS member to clinical research in bone and mineral metabolism that have led to significant changes in understanding of physiology or disease, or to changes in disease management or prevention.



Ego Seeman

IBMS Herbert A. Fleisch Award 2013

Recipient: Associate Professor Natalie Sims

In honour of the late Herbert Fleisch, this award recognizes the outstanding achievement by an IBMS Member aged 45 years or younger (by December 31st of the year the award is presented) in the field of bone and mineral research.

ASBMR Council

Natalie Sims has been elected to ASBMR Council. She joins Peter Ebeling as the second ANZBMS member on ASBMR Council.



Natalie Sims

ASBMR Young Investigator Award

Congratulations to **Dr. Joshua Lewis** who received a Young Investigator Award at ASBMR, with his supervisor Professor Richard Prince.



Joshua Lewis & Richard Prince

OUR MEMBERS

NATIONAL RECOGNITION OF ANZBMS MEMBERS

Faculty of Health Sciences Executive Dean's Learning and Teaching Prize and Development Award

Congratulations to Tania Crotti, who was awarded a Faculty of Health Sciences Executive Dean's Learning and Teaching Prize and Development Award from the University of Adelaide 2013.



Tania Crotti

NSW Premier's and Baxter Awards and National Lead Clinicians Group Award

The NSW Premier's and the Baxter Award went to the team at Concord Hospital, Sydney, for delivering tangible improvements in osteoporosis care to the community.

Dr Kirtan Ganda and Prof Markus Seibel also received the National Lead Clinicians Group Award in 2013.



Dr Anna Lih, The Hon Barry O'Farrell (NSW Premier) and Prof Markus Seibel at the award ceremony.

Member (AM) in the general division of the order of Australia

Congratulations to Professor David Sillence on his award of a Member (AM) in the general division of the order of Australia. For significant service to medicine in the field of clinical genetics.



Professor David Sillence

MICHAEL HOOPER ELECTED HONORARY LIFE MEMBER OF ANZBMS

We are delighted that the members ratified the election of Michael Hooper as an Honorary Life Member of the Society.

Michael played a pivotal role in the inception of, and the ongoing activities of the ANZBMS. It was he who initiated a number of International Symposia on Bone Structure Function & Disease – the forerunner to the ANZBMS Annual Scientific Meeting.

Michael was elected to Honorary Secretary to the ANZBMS on its foundation in 1988, a position he held until 1993. He returned to ANZBMS Council in 1997 and was the Society's President from 2001-2003.

He chaired the Medical Affairs Sub-Committee and co-chaired a committee involved in the establishment of a quality assurance and accreditation programme for bone densitometry.

Michael was instrumental in setting up the ANZBMS Training Course in Bone Densitometry, an area in which he is still very active today.





PARTNERSHIP

IBMS MEMBERSHIP

Furthering the partnerships of ANZBMS with other societies, this year ANZBMS became an Affiliate Member of the International Bone and Mineral Society. ANZBMS became the third Society member of IBMS. The other societies are The Spanish Society for Bone and Mineral Metabolism Research (SEIOMM) and the Japanese Society for Bone and Mineral Research (JSBMR). The affiliation with IBMS provides financial members of

ANZBMS full IBMS membership status, and includes:

1. IBMS full membership status;
2. Free access to BoneKEY Reports via the IBMS website;
3. Access to member only areas of BoneKEY (not provided by institutional library access);
4. Voting and committee rights for IBMS; discounts at IBMS meetings (e.g., annual meetings, Sun Valley and CIBD);
5. Eligibility for IBMS awards – travel, Fellowship (Rodan and Gregory R. Mundy) and IBMS Awards; and
6. Discounts on “open-access” and nature.com.

Furthermore, the ANZBMS will have the opportunity to promote announcements communicated by IBMS, ability to publish meeting content on BoneKEY, receive branding position on the IBMS website, and preferential pricing on some services.

COMMITTEE REPORTS

THERAPEUTIC COMMITTEE REPORT

The Therapeutic Committee continued working on our MSAC application 1313 regarding an item number for bone mineral density testing in women receiving treatment with aromatase inhibitors for hormone receptor-positive breast cancer. As in 2012, the Therapeutic Committee had to respond to various requests by the MSAC in 2013, usually within a rather short time frame. A "Draft protocol to guide the assessment of bone mineral density analyses using Dual Energy X-Ray Absorptiometry in breast cancer patients receiving aromatase inhibitor treatment" is currently under review. Judging by the latest DAP, it appears our application has a good chance to go through.

A final decision had initially been forecasted by the MSAC for April 2013, however, due to several delays in the process a decision is not expected before mid-2014. It should be noted that the initial correspondence in this matter goes back to the early years of this millennium.

I thank committee members Mark Bolland, Rory Clifton-Bligh, Arthur Conigrave, Emma Duncan, Nigel Gilchrist, Craig Munns, Geoff Nicholson, Nick Pocock, Tania Winzenberg and committee advisers Mark Kotowitz, Peter Nash and Ego Seaman for their time and contributions.



Markus Seibel
Chair, TC

DENSITOMETRY COMMITTEE REPORT

DXA Site Accreditation. DXA facilities, independent of imaging departments, remain outside of the Federal Governments compulsory Diagnostic Imaging Accreditation Scheme. This is unlikely to change in the immediate future. Voluntary accreditation though the DIAS remains an option for DXA facilities using one of the three nominated accreditors.

AHPRA. DXA technologists also remain outside of the Federal Governments National Registration and Accreditation Scheme. There have been no developments in this area but change in the medium term is possible

Additional Medicare item numbers. The proposals before MSAC to consider providing Medicare item number for DXA for patients with HIV and those on aromatase inhibitors has stalled pending the federal election. Similarly the application to decrease the age (currently 70) for general access to DXA remains with MSAC. At least one of the Medical insurance companies is taking greater interest in the issue of osteoporosis and access to DXA but no change in their policy has yet been announced.



Nick Pocock
Chair, Densitometry
Committee

COMMITTEE REPORTS

RESEARCH COMMITTEE REPORT

The applicants for all awards have been excellent. The number and calibre of applicants for this year's Kaye Ibbertson Award was excellent. This outcome supports that last year's change to the eligibility criteria from 5 best first author publications to 5 best research publications has been a successful approach. Wording on the application form and Award notification has been improved so that further increases in applicant number and application quality will be seen in the future. The Merck Sharp & Dohme /ANZBMS Clinical Research Excellence Award was selected from highly ranked abstracts submitted to the meeting following confirmation of eligibility criteria. An option will be included in next year's abstract submission process to allow self-nomination for this award. We thank MSD for their continued generosity. Discussion is ongoing to determine mechanisms, by which the number of applicants for the Christine and TJ Martin Travel Award can be boosted.

The Chair of the committee was also involved in the assessment panel for the Amgen/GSK ANZBMS Clinical Grants Program. The calibre of applications were in general very high and with broad focus, supporting great depth and breadth of clinical bone research in Australia. Hopefully this successful and important funding mechanism will be continued.

Research Sub-Committee has also had some discussion as to whether the ANZBMS needs to undertake a more proactive role in improving the quality and subsequently outcomes for Musculoskeletal grants submitted for funding, particularly to the NHMRC. The committee agrees there are two avenues that ANZBMS should continue to consider in this regard. The first is continued lobbying to the NHMRC to establish a more focused Musculoskeletal panel. The second avenue is through education/mentoring programmes. For example, can ANZBMS play an active role in improving the quality of the 'scholarship' of grants being submitted by Society members and can this be done without duplicating general grant writing workshops run by many institutions? The committee is discussing whether benefit may be gained from providing better education on the current plight of bone grants with the current NHMRC GRP set up and importantly providing strategies to safeguard against the associated challenges. Further consideration will be given to either a 'meet the expert' type session or a grants mentorship programme.



Allison Pettit
Chair, Research
Committee

COMMITTEE REPORTS

PROGRAMME ORGANISING COMMITTEE

This year's Annual Scientific Meeting in Melbourne was the first stand-alone meeting we have had since 2010, so we were very happy that 192 abstracts were submitted, and in excess of 320 registrations. We welcomed our keynote international speakers, Roland Baron, Clifford Rosen and Paola Divieti-Pajevic, who visited Melbourne this year on a Harvard-Australia Travelling Fellowship. We have also welcomed 16 invited speakers including some from within our membership across Australia and New Zealand, and non-member speakers presenting some work that was more tangentially related to the bone field. We hope that both members and visitors have enjoyed the diversity of presentations.

Because of the high number of abstract submissions, and their exceptional quality, we created additional sessions to retain an approximately 25% acceptance rate for oral presentations (53 oral presentations), including an afternoon session on Sunday, and mini-poster presentations based on finalists of the Chris and Margie Nordin Poster Award. One exciting initiative this year is the case presentation reports, to be discussed by a panel of experts, and I thank Frances Milat, Matthew Gillespie and Peter Ebeling for co-ordinating this session and inviting participation from some up-and-coming presenters who will provide some interesting cases to be discussed.

We are very grateful to our sponsors this year, particularly our platinum sponsors Amgen/ GSK, and silver sponsors Sanofi and Servier. Lilly, MSD, Hologic, InMed, Medtel and Thomson Scientific have also provided valuable support.

The meeting is a massive team effort. Thanks to the Programme Organising Committee and the Local Organising Committee (chaired by Eleanor Mackie) for their enthusiastic support, the abstract reviewers for their hard work, the Research Committee (chaired by Allison Pettit) for award judging, Lara Birchby from The Meeting People for being on top of everything, and Ivone Johnson for her support and patience behind the scenes. I also thank ANZBMS Council for giving me the opportunity to organise the meeting – it has been a real pleasure to do this, and we hope that the meeting will provide new energy and ideas to all attendees.



Natalie Sims
Chair, POC 2013

COMMITTEE REPORTS

ANZBMS - OSTEOPOROSIS AUSTRALIA REPORT

This year has been a time of change at Osteoporosis Australia. Shelley Evans, CEO, who did very well getting OA on track again, after a period without a full-time CEO, moved on in September. The new CEO of OA is Gail Morgan, from Canberra. A high priority for Gail will be to try to ensure government funding for a First Fracture/Fracture Liaison clinic program. There is now evidence that appropriate follow-up of patients who have experienced a fracture, reduces the risk of re-fracture. Apart from patient and health practitioner education, the other major initiative of OA is a comprehensive program called "Healthy Bones for Life". This program is aimed at ensuring people have adequate exercise, calcium intake and adequate, but not excessive, sun exposure for vitamin D. It is being developed with the help of several ANZBMS members. Since bones and Halloween go together, efforts are being directed towards raising awareness of bone health in conjunction with Halloween and Halloween parties.

AMGEN-GSK OA-ANZBMS Clinical Grant Program 2013

Associate Professor

Craig Munns - The Children's Hospital at Westmead, Sydney
A/Professor Munns will conduct research into osteoporosis in children who have had fractures. Identifying children who may have osteoporosis will help doctors to intervene early so that fractures in later life are prevented.



*Associate Professor
Craig Munns*

Professor Susan Davis – Monash University

Professor Davis has been awarded a grant for research into the prevalence of osteoporosis in women having bone density testing at midlife. This research project will help doctors understand when it is most useful to test middle-aged women for osteoporosis so that action can be taken to reduce the risk of future fractures.



Professor Susan Davis

ANZBMS 2013

AWARD RECIPIENTS

AMGEN OUTSTANDING ABSTRACT AWARD

Awardee 1: Prof Peter Ebeling,
The University of Melbourne
Title - Higher dietary calcium intakes are associated with reduced risks of vertebral fractures and severe abdominal aortic calcification in older Australians.



Prof Peter Ebeling

Awardee 2: Ms Rossana Candiota Nogueira,
Griffith University, School of Rehabilitation Sciences, Gold Coast
Title - A novel primary school exercise intervention for bone and fat outcomes: the CAPO Kids trial.



Ms Rossana Candiota Nogueira

Awardee 3: Dr Simon Junankar,
Osteoporosis and Bone Biology Department, Garvan Institute, Sydney
Title – 2-photon imaging reveals myeloid cells as the cellular targets for the anti-tumour activity of bisphosphonates *in vivo*.



Dr Simon Junankar

Awardee 4: Ms Narelle McGregor, Bone, Joint & Cancer Unit, St Vincent's Institute, Melbourne
Title – gp130 in osteocytes is required for PTH-induced bone formation.



Ms Narelle McGregor

Awardee 5: Ms JinwenTu (Bone Research Program, ANZAC Research Institute, Sydney)
Title – Tamoxifen-induced deletion of the glucocorticoid receptor in chondrocytes enhances K/BxN serum-induced arthritis in mice.



Ms JinwenTu

ANZBMS 2013

AWARD RECIPIENTS

KAYE IBBERTSON AWARD

Awardee:

Dr Tara Brennan-Speranza

Bone Research Program, ANZAC Research Institute, Sydney.

Application was based on 5 high quality first author publications (1 was a co-first) including JCI, JBMR, Brit J Pharma and 2 x Bone.



Dr Tara Brennan-Speranza

CHRISTINE AND TJ MARTIN TRAVEL GRANT

Awardee: Dr Yohann Bala

Austin Health, The University of Melbourne, Endocrine Centre of Excellence

Visiting: Dr Kenneth Poole (Department of Medicine, University of Cambridge)

Project: The structural bases of age-related loss in bone strength.



Dr Yohann Bala

SOL POSEN AWARD

Awardee: Farzin M Takyar

St. Vincent's Institute and The University of Melbourne Department of Medicine

Paper Title: EphrinB2/EphB4 inhibition in the osteoblast lineage modifies the anabolic response to parathyroid hormone.

Published in JBMR April 2013



Farzin M Takyar

MELICK YOUNG INVESTIGATOR AWARD

Awardee: Asiri Wijenayaka

Centre for Orthopaedic and Trauma Research, Bone Cell Biology Group, The University of Adelaide

Title: Sclerostin exerts a coordinated pro-osteoclastogenic effect via its action in osteocytes.



Asiri Wijenayaka

ANZBMS 2013

AWARD RECIPIENTS

NORDIN YOUNG

INVESTIGATOR POSTER

Awardee: Yu Wen Su

University of South Australia,
Adelaide

Title: Neurotrophin-3 (NT-3)
attenuates chondrogenesis in
bony repair.



Yu Wen Su

MSD-ANZBMS

CLINICAL RESEARCH EXCELLENCE

Awardee: Dr Syndia Lazarus

Abstract title: Multicent
riccarpotarsal osteolysis
may be a disorder of bone
modelling and not osteolysis.



Dr Syndia Lazarus

THE ANZBMS INTERNATIONAL TRAVEL AWARD

A new award has been created by the ANZBMS initially to support travel to attend the IBMS Herbert Fleisch Workshop, to be held in Brugge, Belgium, from 16 to 18 March 2014 (for more information see <http://www.ibmsonline.org/p/cm/ld/fid=202>). The objective of this workshop is to provide a Gordon-conference style forum for students, post-docs and early stage principal investigators to present work in progress, discuss thoroughly and network with peers, and get constructive feedback from experienced senior scientists. The aim of this award is

to facilitate travel to participate in what the ANZBMS believes to be an excellent opportunity for the development of emerging researchers within bone and mineral-related fields. The award is open to research students or early career scientists within five years of obtaining a PhD, Masters or equivalent training. Applicants must be financial members of the ANZBMS with continuous membership for 12 months or more and must have registered for, and submitted an abstract to attend the workshop.

Up to three (3) awards valued at AU\$1,000 (GST inclusive) each will be awarded, based on application merit and applicant track record. All applications will be judged by a panel of experienced scientists and decisions will be based on the merit of the track record of the applicant and the quality of the abstract/ research project. Deadline for all applications is COB Thursday 5 December 2013.

Markus Seibel

ANZBMS 2013

AWARD RECIPIENTS

THE PHILIP SAMBROOK AWARD

This award has been established by Osteoporosis Australia and ANZBMS in memory of our friend and colleague, Professor Philip Sambrook, who passed away in 2012 at the age of 59.

Philip made immense contributions to musculoskeletal research and was a champion in promoting public awareness about bone health and osteoporosis in Australia. The benefits from his passionate commitment will be felt for years to come. Philip was the Inaugural Medical Director of Osteoporosis Australia and a past President of the Australian New Zealand Bone and Mineral Society. We all fondly remember Philip in his role as ANZBMS President and as a friend to many of the Society and beyond. Even during his cancer treatment, Philip maintained his work ethic, seeing patients, attending meetings, writing papers and guiding the Society. Philip was instrumental in establishing the linkages between ANZBMS and Osteoporosis Australia, and in creating the OA/ANZBMS Research Fund that has supported many Early Career Researchers and Research Projects in the past.

In addition, Philip made invaluable contributions to the Australian community. In recognition of his contribution to medicine and research, Philip was awarded the Medal of the Order of Australia in 2008.

In 2012, Osteoporosis Australia and ANZBMS instigated the Philip Sambrook Award which is to be provided annually to an outstanding Early Career Investigator who, like Philip Sambrook, will not only be passionate about bone research but is committed to giving back to the community.

This year's awardee is Emma Duncan. Emma is a Senior Staff Specialist in Endocrinology at the Royal Brisbane and Women's

Hospital and an Adjunct Associate Professor at the University of Queensland. Emma has a trans-discipline approach in gene mapping and clinical research into osteoporosis and other bone diseases. She has authored over 40 publications, some of which Philip was a co-author. Emma has been an active member of ANZBMS and was the POC Chair for our Annual Scientific Meetings in 2010 and 2011. She has chaired the 2013 Advanced Postgraduate Training Course in Brisbane and represented the Society at the Royal Australasian College of Physicians. She is also an active member of the Medical and Scientific Committee of Osteoporosis Australia.



Matthew Gillespie, Emma Duncan and Peter Ebeling.

CHRISTINE AND T J MARTIN RESEARCH TRAVEL GRANT 2012

FINAL REPORT

Dear members of the ANZBMS Council,

Firstly, I would like to thank ANZBMS for awarding me the 2012 Christine and T J Martin Travel Grant and giving me the opportunity to gain new research and life experiences abroad. This award allowed me to travel to the University of Oxford in England, where I was able to extend our research into the mechanisms of bone damage in chronic gout in the laboratory of Dr James Edwards in the Botnar Research Centre. While in Europe, I also attended the annual meeting of the European Calcified Tissue Society (ECTS) in Lisbon, Portugal.

Laboratory visit: Dr James Edwards, Botnar Research Centre, Institute of Musculoskeletal Sciences, Nuffield Orthopaedic Centre, University of Oxford, England.

This travel grant enabled me to visit England for the first time and in terms of weather, England did not hold back. I landed in London in late March and exited the airport to find that it was snowing, sleeting and extremely cold. I was wearing jandals - perhaps the most inappropriate footwear choice I could have made, other than going barefoot. Nonetheless, I quickly settled into Oxford and fell in love with the history and culture of old-learning that Oxford emanates.

I was based in Dr James Edwards' laboratory in the Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences (NDORMS). Dr Edwards' research interests lie in understanding the links between ageing, diet and skeletal degeneration, with a particular focus on the role of SIRT1 and adiponectin. Dr Edwards also has a

background in histopathology and immunohistochemistry (IHC), techniques which I had not used before my visit to his lab. My primary aim during this lab visit was to obtain nine tissue samples taken from gouty joints that were stored in the Oxford Musculoskeletal Biobank, and perform IHC looking for changes in markers that are associated with new bone formation. Dr Edwards kindly showed me how to process human tissue samples for histological analysis including embedding and sectioning. He also included the theory behind each step, which gave me a greater understanding of this research technique.

Unfortunately, of the nine gouty joint samples we looked at, none contained suitable sites of adjacent bone and tophus. However, I was able to use some osteoarthritis samples to optimise the IHC protocols for some of our chosen antibodies (DKK-1, sclerostin, DMP-1 and β -catenin). This was done with the help of Ali Zarei, a PhD student in Dr AfsieSabokbar's lab in NDORMS. Ali has extensive experience with performing IHC on human bone tissue and was full of helpful tips and knowledge which helped me optimise my protocols. I will continue to use these protocols in the Auckland Bone & Joint Group, staining the gouty bone samples we currently have as well as any samples we obtain in the future. We are also currently using in vitro methods to further explore the mechanisms of new bone formation in advanced gout, which will be used to support our IHC findings. Any results published from this study will acknowledge the support of the Christine and T J Martin travel grant.

Our lab is also planning to collaborate with Dr Edwards on a project investigating the role of adiponectin in osteoporosis. During my time in Oxford, I helped create stable 2T3 cell lines that have knocked down

expression of adiponectin receptor 1 or adiponectin receptor 2. To do this, I used lentiviral particles, a transduction method that I have not previously used. We are trying to establish this protocol in the Auckland Bone & Joint Group at the moment. The adiponectin receptor knockdown cells will be used to do preliminary in vitro work before we move onto using adiponectin receptor knockout mice which are available to Dr Edwards.

I also appreciated the opportunity to take part in the weekly lab meetings held with members from Dr Edwards' lab, as well as Dr Claire Edwards' research group. These informal meetings were good for learning about other research that was being done by these groups, as well as an opportunity for me to present and discuss my own research. I am also grateful to Dr Claire Edwards for supporting me during my visit with consumables, ordering reagents/equipment and allowing me to work within her lab space. In addition, the Botnar Research Centre also runs a weekly programme where external guest speakers are invited to give a seminar on relevant topics. These were always interesting and informative.

Conference attendance: The European Calcified Tissue Society (ECTS) meeting, 18-21 May, Lisbon, Portugal.

I also attended the 50th annual ECTS meeting in Lisbon. This was my first ECTS meeting and the conference was highly enjoyable for a number of reasons. I presented a poster showing the effects of urate crystals on tenocyte viability and function, and the implications for tendon involvement in chronic gout.

CONTINUED

CHRISTINE AND T J MARTIN RESEARCH TRAVEL GRANT 2012

FINAL REPORT

The poster was well received and comments from other researchers and clinicians were particularly useful as we are now preparing this work to be published. The conference also had a good mixture of clinical and basic science, usually run as concurrent sessions. I very much enjoyed the opening ceremony lectures describing the progress made in the past 50 years in bone biology, bone imaging and treatment of bone diseases. Lastly, I was reunited with my supervisors, Prof. Jill Cornish and Dr Dorit Naot (also attending the meeting), which made exploring the beautiful city of Lisbon all the more exciting.

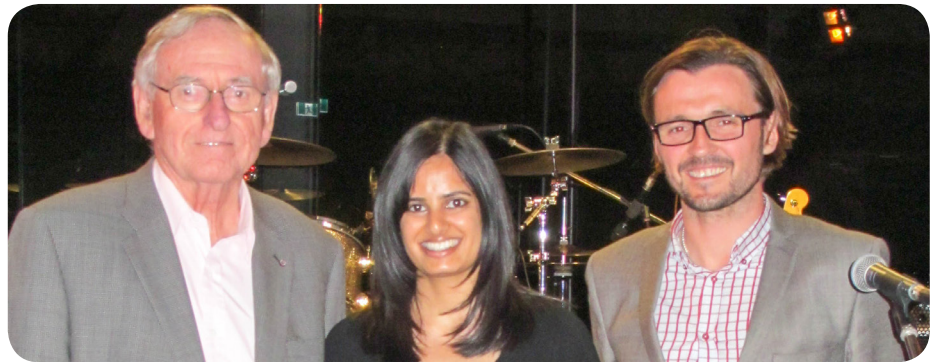
Overall Outcomes

This travel grant has given me the opportunity to experience working in new laboratories

and appreciate research that is being carried out in other parts of the world. The new histological techniques I have learnt will be particularly useful for research investigating joint damage in gout as well as other projects in our lab. The chance to meet other researchers in the bone and joint field and discuss current research projects has been very valuable;

and has helped give me a more comprehensive understanding of my own research. I would like to thank ANZBMS and AMGEN for their generous support, as well as all the individuals who made this trip memorable and thoroughly enjoyable.

Thank you,
Ashika Chhana.



Jack Martin, Ashika Chhana and Cae Tolman.

RESULTS OF THE 2013 ANZBMS ELECTION

UNDER THE RULES OF THE SOCIETY EACH DESIGNATED ANZBMS REGION MUST BE REPRESENTED BY AT LEAST ONE MEMBER OF COUNCIL. WHERE THERE IS ONLY ONE CANDIDATE FOR EACH REGION, THIS PERSON IS AUTOMATICALLY ELECTED TO COUNCIL. THIS YEAR THE SOCIETY HELD AN ELECTION FOR THE POSITION OF PRESIDENT-ELECT AND FOR REPRESENTATION OF THE REGION OF NSW AND ACT. THE MEMBERSHIP APPOINTED EMMA DUNCAN AS PRESIDENT-ELECT AND NICHOLAS POCOCK AS COUNCILLOR (NSW).

THE NEW ANZBMS COUNCIL THEREFORE INCLUDES:

MARKUS SEIBEL	(PRESIDENT)
EMMA DUNCAN	(PRESIDENT ELECT)
MATTHEW GILLESPIE	(IMMEDIATE PAST PRESIDENT)
GETHIN THOMAS	(TREASURER)
GERALD ATKINS	(HONORARY SECRETARY)
ELAINE DENNISON	(COUNCILLOR, NZ)
NATHAN PAVLOS	(COUNCILLOR, WA)
NICHOLAS POCOCK	(COUNCILLOR, NSW)
NATALIE SIMS	(COUNCILLOR, VIC)

ANZBMS MEETINGS

ADVANCED CLINICAL POSTGRADUATE MEETING (“REGISTRAR MEETING”)

Specialist training in the diagnosis and treatment of bone and mineral diseases is an expanding field and applies across several disciplines including endocrinology, rheumatology, orthopaedic surgery, geriatric medicine and general medicine. Taking responsibility for ongoing education and training of younger medical professionals, ANZBMS has established the “Advanced Clinical Postgraduate Meeting”, a full-day, high-intensity training course to be held around

Australia and New Zealand. These meetings are designed to convey the latest information on best practice in the diagnosis and treatment of Bone and Mineral Diseases and present coalface perspectives from experienced specialists.

In 2013, meetings were held in Rotorua (NZ) and Brisbane (Qld), and we thank Elaine Dennison and Emma Duncan for their assistance in organising and conducting these successful meetings.

The next Advanced Clinical Postgraduate Meetings will be held in Adelaide and Perth in 2015, under the leadership of Gerald Atkins and Nathan Pavlos.

DENSITOMETRY COURSE

The ANZBMS Course is remaining very popular with large numbers attending.

Two courses were conducted in 2013. The first was held in Auckland, 19 & 20 October 2013, and the second was held in Brisbane, 26-27 October 2013.

FUTURE MEETINGS 2015-2017

A “Meetings Sub-committee” (Rebecca Mason, Natalie Sims, Emma Duncan, Gethin Thomas, Gerald Atkins, Matthew Gillespie and Markus Seibel) has worked hard to look at venues and types of future meetings. At this point in time, the following is being proposed:

- November 2015: Hobart, TAS. Graeme Jones and his experienced team agreed to host the meeting for ANZBMS.
- November 2016: Potential joint meeting with ANZORS and other societies at the AHMRC in Sydney. Depending on interest from

other societies, this meeting would be organised either as a sessional or a 2-day full-member meeting.

- 25 – 28 March 2017: Joint IBMS-ANZBMS meeting in Brisbane.

ANZBMS is currently in discussions with Graeme Jones and the ARA regarding a joint ANZBMS-ARA meeting for 2018.

ANZBMS MEETINGS

24TH ANNUAL SCIENTIFIC MEETING OF ANZBMS

**7-10 September 2014,
Queenstown**

Abstract and early-bird deadline
1 July 2014

On behalf of the Australia and New Zealand Bone & Mineral Society, it is my great pleasure to invite you to attend our 24th Annual Scientific Meeting to be held from Sunday, 7 September to Wednesday 10 September, 2014, in Queenstown, New Zealand. Ian Reid and Jill Cornish will lead the Programme

Organising Committee and I am confident that the 2014 programme will fulfil the high scientific and social standards the ANZBMS membership has come to appreciate over the past 25 years.

The meeting format, however, will differ somewhat from our previous events in that we plan to adopt a "Davos-style" timetable, with sessions in the morning and later afternoon, and free time (for skiing, walking, or meeting with your colleagues) from 12 to 4pm. The conference will be held

at the Millennium Hotel which offers not only superb conference facilities but easy access to Queenstown's restaurants and pubs. As in previous years, we will have an exciting scientific meeting in a spectacular and inspiring environment. Also, the ASM has been timed to immediately precede the American Society for Bone and Mineral Research Meeting in Houston, Texas (12-15 September 2014).

Markus Seibel

PROGRAMME ORGANISING COMMITTEE 2014

Chair: Ian Reid
Co-Chair: Jill Cornish

Members:
Natalie Sims (VIC)
Dorit Naot (NZ)
Nathan Pavlos (WA)

Tim Cundy (NZ)
Mark Forwood (QLD)
Hong Zhou (NSW)
Markus Seibel – ex officio

LOCAL ORGANISING COMMITTEE 2014

Chair: Jill Cornish
Nigel Gilchrist
Elaine Dennison

Karen Callon
Maureen Watson
David Musson

Markus Seibel – ex officio

ANZBMS COUNCIL

BEARERS 2013

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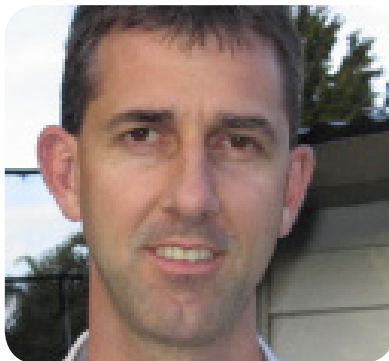
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