



ANZBMS

ANNUAL REPORT 2023



**Australian and New Zealand
Bone and Mineral Society**

ANZBMS

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Sydney, NSW 2000

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ABN: 69 072 086 894

Aims & 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.



PRESIDENT'S REPORT

ANZBMS Council and Committees

With the induction of a new Council for 2023-25, I thank outgoing Councillors, Natalie Sims and Josh Lewis, for their contributions to ANZBMS Governance. I particularly thank Natalie for her leadership as President and Immediate Past President for the preceding two years. Natalie guided Council through the COVID19 Pandemic, including two virtual scientific meetings. Through her leadership we strengthened our collegiality, external engagement and service to bone and mineral research. Josh provided key input to Council as a mid-career researcher, providing excellent advice for initiatives that bridge early to mid-career development. Dawn Coates and Melissa Cantley were re-elected unopposed. I thank our ongoing Councillors whose engagement with Governance and pursuing our mission has been integral to the standing of our Society. I look forward to working with Mark Cooper as the incoming President.

I also welcome the incoming President-Elect, Michelle McDonald and new Councillors, Belinda Beck, Itamar Levinger and Marc Sim. Michelle was a Co-Chair of the last POC and Councillor during the last two years, bringing excellent experience, scientific expertise

and enthusiasm for the role. Belinda, Marc and Itamar have been active members of the Society, bringing a wealth of experience in different disciplines to Council.

Committee Summary

I sincerely thank our committee chairs and members for their work, with whom it has been a pleasure to engage throughout this year. It is within the committees that key strategic planning and society business is performed, and key to achieving ANZBMS objectives. The specific outcomes and initiatives achieved by our committees are substantial and can be reviewed in their reports. Our current Chairs are: Nick Pocock (Clinical Imaging), Christian Girgis (Clinical Practice), Kara Anderson and Melissa Cantley (Communications), Bridie Mulholland and Cassandra Smith (ECIC Co-Chairs), Rachel Davey (Finance), Mark Cooper (Meetings), Ayse Zengin, Peter Simm and Hong Zhou (POC Co-Chairs), Rebecca Mason and Tuan Nguyen (Research) and Richard Prince (Therapeutics). We also have the fantastic work of our Newsletter Editorial team. Madi Herath took over from Niloufar Ansari as Editor-in-Chief in late 2022 and recently handed over that role to Martha Blank.

Of particular note, I would like to acknowledge the tenure of

Richard Prince as Chair of the Therapeutics Committee. Over the past six years, Richard has provided leadership, outstanding advocacy and successful outcomes for the initiatives led by the committee and I thank him for his dedicated service. Rory Clifton-Bligh will succeed Richard as Chair of the committee following the AGM.

Ayse Zengin, Peter Simm and Hong Zhou (POC Co-Chairs) complete their term as Co-Chairs of the POC at the end of this meeting. I thank them for their leadership of our ASM at the time that we returned to face-to-face meetings with engaging programs that maintained our reputation for excellent science, collegiality and networking. Agnes Arthur and Kirtan Ganda have agreed to be the basic and clinical Co-Chairs, respectively, for the 2024-2025 meetings, starting with a joint meeting with ESA-SRB in Adelaide in 2024.

In September 2023, the Clinical Imaging Committee delivered an international Clinical Densitometry Course to the Emirates Rheumatology Academy (ERA). This is excellent recognition of the quality of this course delivered by our Clinical Densitometry Faculty. I thank Nick Pocock, Chris Schultz and Julie Briody

for managing considerable administration to launch this course for a new audience, and our Faculty for delivering it.

External Engagement

The Society has had long-standing associations with other scientific, clinical and patient-related organisations. Following Natalie Sim's leadership through 2021-22, we strengthened our relationships with the Bone Health Foundation (BHF), building on the existing Grants-in-Aid. This followed discussions with Paul Anderson, a member of ANZBMS and the Board of Directors of BHF, who believed that a more productive partnership was possible. In 2023, we established that partnership to support musculoskeletal research, advocacy and education through a Memorandum of Understanding, a key objective of which is to support a broader range of funding opportunities. In September, we launched two new grants: the **ANZBMS-BHF Collaborative Interdisciplinary Grant** (\$AUD30,000) which aims to develop new cooperation, exchange of ideas and research collaborations between institutions, groups or industry partners;

and the **ANZBMS-BHF Health Innovation Grant** (\$AUD40,000) to support innovative concepts that aim to improve musculoskeletal health across clinical, public health, health services or biomedical research. This partnership leverages ANZBMS funds in a sustainable manner via partnership with BHF and we look forward to this ongoing relationship.

ANZBMS continues to receive excellent support from our industry colleagues for the ASM and new initiatives. In addition to their Gold Sponsorship of the Annual Meeting, ANZBMS was successful in Medical Education Grants (MEG) from Amgen and Kyowa Kirin Australia to support the AMGEN-ANZBMS Outstanding Abstract Awards (2 clinical and 2 basic) and the ECIC "Clinical Cases in Metabolic Bone Disease" session, respectively. Kyowa Kirin have also supported a significant MEG for a project to publish a case-series in JBMR Plus, providing important additions to the scientific literature on the management of patients with hypophosphataemic bone disorders in Australia and New Zealand. The ANZBMS ECIC, Hypophosphataemia Working Group and ANZPED will cooperate to manage this

project. We sincerely thank Amgen and Kyowa Kirin Australia for this generous support to our education and scientific activities.

I also note the additional sponsorship we have received to support the 2023 ASM from the NSW Government, Destination NSW and Alexion; as well as our exhibitors: Gedeon Richter, Getz Healthcare and Theramax, and the ongoing management of our meetings by ASN Events, led by Jim Fawcett.

Final Note

I want to thank Ivone Johnson and Melissa Douglas for their executive support to Council, Committees and myself. Their collective experience and corporate memory are highly valued by each successive Council. I thank them for their support during my term as President and acknowledge their dedicated service to ANZBMS.

Motion: That the ANZBMS Appoint Professor Richard Prince as a Life Member of the ANZBMS.

The ANZBMS periodically recognises the contributions of members who have given extraordinary service to the society and who are leaders in the field of Bone and Mineral Research. This requires a nomination, endorsed by ANZBMS Council, which is then approved by the membership of ANZBMS at the Annual General Meeting. Members have nominated Professor Richard Prince for recognition as a Life Member of ANZBMS.

Richard has had a distinguished career in the field of bone and mineral metabolism in Australia and internationally. Coming from the UK in 1975, Richard accepted a lecturing position in the Dept. of Medicine, University of Melbourne obtaining his MD on "Regulation of Vitamin D metabolism", under the direction of Prof Jack Martin AO. From 1982, Richard joined the University of Western Australia Medical School and held a variety of clinical appointments. Until recently, Richard consulted with patients as an endocrinologist on a weekly basis.

Richard has contributed extensive service to professional organisations,

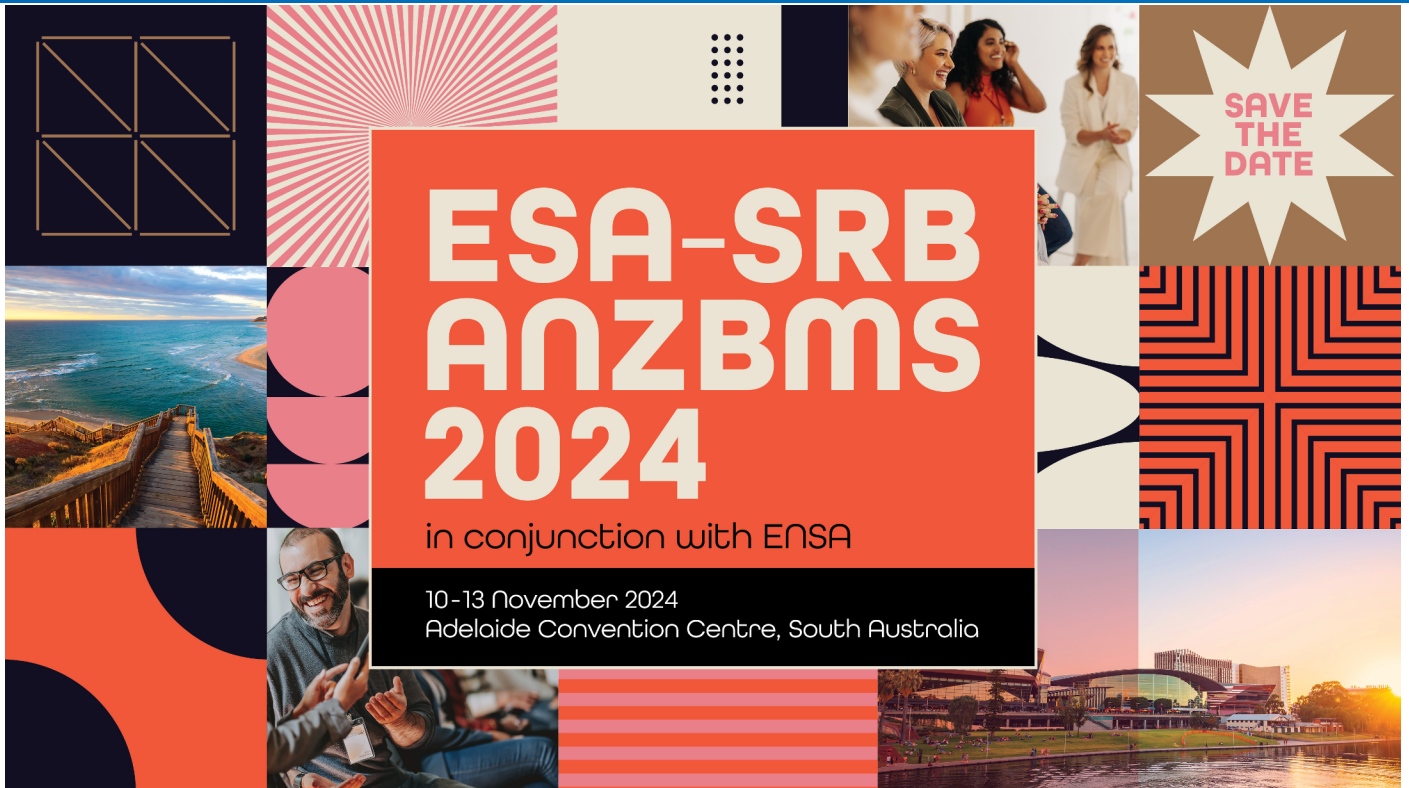
particularly ANZBMS, being a member of the inaugural Council steering group to establish ANZBMS in 1990 and served on Council until 1999 and chaired other Council Committees, currently as Chair of the Therapeutics committee. Richard has held a variety of other Board positions on National and International Societies including the ISCD, ESA, the Australian Menopause Society and Osteoporosis Australia. He was also member of the Editorial Boards of JBMR and Journal of Clinical Densitometry. Richard has made a significant contribution to bone densitometry, with his contribution recognised by a Distinguished Service Award from ISCD. He is also a Fellow of ASBMR.

Richard has published over 400 research papers including the New England Journal of Medicine and Nature Genetics. Richard spearheaded the 1998 Perth Longitudinal Study of Ageing Woman that has been a pivotal Australian prospective cohort study of 1,500 women aged over 70 years to determine if calcium supplements could help prevent osteoporotic fractures. Over the past 20 years, LSAW has attracted more than \$2.65M of grant funding and been a successful platform for the completion of dozens of PhD, Masters and Honours

students. This project has resulted in more than 140 scientific articles and the 16 PhD students he has supervised have gone on to excel in their own research and academic careers.



Professor Mark Forwood
President



Dear Colleagues,

We are delighted to welcome our industry colleagues to the joint ESA-SRB-ANZBMS Annual Scientific Meeting at the Adelaide Convention Centre, South Australia. The ESA-SRB-ANZBMS themes and topics will be announced shortly. Our program organising committees are bringing together a program covering the most state-of-the-art advances in the fields of Endocrinology, Reproductive Biology and Bone and Mineral research, including awards sessions, oral presentations and poster abstracts.

Don't miss this opportunity to network and share your expertise with industry professionals. We look forward to you attending in person, enjoying the collegiate atmosphere, and catching up with people, as well as hearing about the latest medical and scientific advances across all 3 societies.

We look forward to seeing you in Adelaide!



TREASURER'S REPORT

Finance Committee

Rachel Davey (Chair)
Allison Pettit
Mark Cooper
Jill Cornish
Mark Forwood
Ivone Johnson

General Financial Result 2022-2023 Financial Year

2023 Member's funds (as of 30 June 2023) = \$1,109,992

2022 Member's funds = \$999,174

Overall Profit

\$110,818 Profit
(2022 = \$16,755 Profit)

The Society remains in sound financial position with funds remaining steady. With the rise in interest rates, there has been a significant increase in income generated from the society's managed fund (HUB 24) (8.91% return in 2023 vs 6.94% loss in 2022) and term deposits (interest rates 2023=3.95-4.9% vs 2022=0.65%). Revenue from our scientific and satellite meetings continues to be strong and the Society thanks all members involved for their significant contributions.

Income

Our society income increased for the 2022-2023 period:

Investment income (HUB24) – \$11,874 (2022 = \$3088)

Market value movement on investments (HUB24) – \$28,297 (2022 = \$-33,078)

Interests from term deposits – \$8,187 (2022 = \$1,512)

Meeting proceeds* – \$230,501 (2022 = \$75,575)

Densitometry/Dexa courses – \$64,496 (2022 = \$70,977)

Advanced Clinical Postgraduate Meeting – \$23,000 (2022 = \$21,341)

Osteoporosis Webinar – \$4,455 (2022 = \$0)

Sponsorship – \$22,364 (2022 = \$11,364)

Membership and Subscriptions – \$70,100 (2022 = \$62,732).

Financial Members paid (as of October) = 274.

*Following Australian accounting standards, the Auditor assigns ASM revenues to the year received, and expenditure to the year when committed. Consequently, the gross income and gross expenditure in respect of each ASM will be reflected in the profit and loss account, as they occur, rather than simply recognising a 'net profit' of each individual meeting.

Expenses

Our society expenses increased for the 2022-2023 period:

Meetings* – \$212,728 (2022 = \$75,285)

Awards – \$30,213 (2022 = \$30,550)

Travel Grants – \$9,898 (2022 = \$0)

Office (i.e. rent, secretariat, office expenses, website) – \$69,579 (2022 = \$62,684)

Audit/Accounting – \$5,268 (2022 = \$5,222)

Miscellaneous – \$26,212 (2022 = \$21,359)

Investments (as of October 2023)

COMMONWEALTH BANK

Balance in Premium Business Cheque Account: \$292,750.28

Balance in Business online saver: \$674.19

BOQ SPECIALIST

Invested on: 3 April 2023

Maturity date: 3 January 2024

Interest rate is 4.9% p.a. (Compounded at maturity): \$45,000

HUB24 MANAGED FUND (as of 10/10/23)

Balance: \$464,810

Total Accumulated Funds

\$1,162,909.22

Key Outcomes

Optional discount 2- and 3-year memberships were introduced to ANZBMS full members in January 2023. At October 2023, 12 members had subscribed for 2 years, and 25 members had subscribed for 3 years.

On behalf of the Society, I would like to thank the following members for their donations in the 2021-2022 financial year; Terrence Diamond, Mark Forwood, Stan Gronthos, Dan Harmelin, Matthew Gillespie, Markus Seibel, Dana Bliuc, Mark Cooper in addition to those members who wish to remain anonymous.

The Society invests surplus funds raised from these 2- and 3-year memberships and donations to generate further income to continue to give back to our membership in the form of grants and training courses in accordance with the Society's strategic objectives.

The profits raised for the 2022-2023 financial year will fund two new grant initiatives in partnership with the Bone Health Foundation for the next two years: the ANZBMS-BHF Interdisciplinary Collaborative Grant and ANZBMS-BHF Health Innovation Grant.

I would like to offer my thanks to members of the Finance Committee, Ivone Johnson and Melissa Douglas for their guidance and support. Thank you also to Rod Laws of Tinworth & Co Chartered Accounts for auditing the accounts and to Jason Dix from Carrington Financial Services for managing our HUB24 Portfolio.



**Associate Professor
Rachel Davey
Treasurer**

THERAPEUTICS COMMITTEE

Current members

Richard Prince
Ivone Johnson
Mark Forwood
Peter Sim
Grahame Elder
Alan Doube
Belinda Beck
Christian Girgis
Mathis Grossman
Hanh Nguyen
Weiwen Chen

1 Familial hypophosphatemic rickets and burosumab

In 2022 the Therapeutics Committee and ANZBMS was acknowledged by the PBAC for providing important information regarding the approval of burosumab as an important new treatment for familial hypophosphatemic rickets.

Following the PBAC approval, burosumab was added to the PBS as an S100 in early 2023.

Currently there are over 150 patients receiving this medication at subsidised rates. Therapeutics has supplied strong support for a session entitled "Clinical Cases in Metabolic Bone Disease" at the 2023 ASM in Newcastle. In addition to funding the session, Kyowa Kirin has supplied a grant for publication in JBMR Plus with the support of Peter Ebeling. This initiative supports the important role of research and management of metabolic bone disease in addition to osteoporosis.

Hypophosphatemia Working Group

This Working Party has continued to meet in the last year. Its membership is extensive with the aim of accessing all clinicians and patients involved in disease management given the disparate nature of this relatively rare condition. The members are listed at the end of this report. I thank them for their assistance.

The aims are to:

- Develop diagnostic criteria for adult hypophosphatemic bone disorders especially adult XLH
- Develop a framework for management guidelines of adult hypophosphatemic bone disorders (XLH) including transition to adult care
- Develop a program to survey the prevalence of adult hypophosphatemic bone disorders, especially adult XLH
- Work with the Australian Paediatric Registry to develop questionnaires suitable for adult participants to examine the potential of a combined paediatric adult registry.

Ongoing work:

- ANZBMS Communications Committee with the assistance of Cherie Chang is working to implement a TmP calculator with Australian reference range data. Given some pathology providers do not offer this service, it will be helpful to clinicians to assist

in diagnosis. This is a first for direct support of clinicians in Australia and provides support for ANZBMS membership.

b. A second problem for accessing burosumab PBS support is access to MBS supported FGF23 measurement and PHEX gene testing. The committee is examining ways to resolve these problems.

c. An advice paper for the Medical Journal of Australia to assist in the diagnosis and management of hypophosphatemia for general clinicians is planned.

2 Romosozumab

You may remember that Therapeutics supplied advice to the PBAC regarding a *first line* indication for romosozumab prior to the March 2023 meeting. Proposed first-line criteria included a BMD T-score ≤ -2.5 AND a recent (i.e. last 24 months) hip or clinical vertebral fracture OR at least 2 (including 1 in the last 24 months) clinical fractures. These indications were accepted by the PBAC, however the Amgen Company indicated that it could not supply the drug at the suggested price.

In July, ANZBMS wrote to the Minister of Health explaining the importance of the

medication but did not comment on the price issue given the importance of not being seen to be lobbying on behalf of a specific Pharmaceutical Company, but rather our patients.

As a result, the Amgen company was advised to reapply to the PBAC on cost effectiveness grounds to the March 2024 meeting.

Once again, a public comments portal will be available until 31 January 2024. Depending on the advice requested, it may be appropriate for the Society to respond.

It is unfortunate that the PBAC and the Amgen Company have not been able to resolve their differences. The primary loss will be to patients with severe osteoporosis who may not be able to afford the medication on private script.

3 Risedronate

The Theramex company applied to the PBAC for expansion of the indication of risedronate by removing the age restriction of 70 completely. The Therapeutics Committee did not support this expansion, advising that a reduction in age to 50 should be considered. We have not received any further communications from Theramex.

4 Conclusions

The Society should be proud of its direct involvement in patient advocacy. Having chaired the committee for six years I am pleased to report that Rory Clifton Bligh has agreed to chair the committee for the next two years.

Members of the Hypophosphatemia Working Group 2022-2023

Peter Simm (Paediatric Endocrinologist, ANZSPED)
 Roderick Clifton-Bligh (Adult Endocrinologist, ANZBMS)
 Craig Munns (Paediatric Endocrinologist, ANZSPED)
 Mihiri Silva (Paediatric Dentist, ADA)
 Cherie Chiang (Chemical Pathologist, AACB/RCPA)
 Fiona McKenzie (Clinical Geneticist, HGSA)
 Peter Ebeling (Adult Endocrinologist, ANZBMS)
 Syndia Lazarus (Adult Endocrinologist, ESA)
 Richard Prince (Adult Endocrinologist, ANZBMS)
 Andrew John Mallett (Adult Nephrologist, ANZSN)
 Sandy Bevc (Consumer Representative, XLH Australia)
 Suzette Irvine (Consumer Representative)
 Naomi Ford (Consumer Representative, XLH Australia)



Professor Richard Prince
Chair Therapeutics Committee

Rachel Kermond (Paediatric Nephrologist)
 Hugh McCarthy (Paediatric Nephrologist)
 Michael Jenkin (Executive Officer)

RESEARCH COMMITTEE

Current members

Belinda Beck
Dana Bliuc
Nick Hart
Natalie Hyde
Joshua Lewis
Rebecca Mason (co-chair)
Brya Mathews
David Musson
Tuan Nguyen (co-chair)
Lieke Scheepers
Marc Sim
Rob Blank (new)
Paul Anderson (ex-officio -
liaison with Bone Health
Foundation)

Some renewal of the committee is planned to take place before mid-2024.

BHF - ANZBMS Grant

This year, there were some minor changes to the guidelines for the standard awards of \$25,000 and changes to assessment. The assessment was organized by the Bone Health Foundation with input from the ANZBMS RC. Four applications were received. Awards were announced at the Conference dinner and are highlighted later in this annual report.

In addition, this year, two new ANZBMS-BHF awards were announced: The ANZBMS-BHF Interdisciplinary Collaborative Grant and the ANZBMS Health Innovation Grant - both advertised to membership and on the ANZBMS website.

The awards were open to all ANZBMS and the closing date was Nov 3rd 2023. These new awards have garnered great interest from the membership so far.

Christine and T Jack Martin Research Travel Grant

This year, we received 4 applications for the Christine and T Jack Martin Research Travel Fund, which has returned to its original format of a major travel grant to further a research program. The award was announced at the ASM dinner.

Healthy Bones Australia/ANZBMS Clinical Grants

This year, AMGEN was unable to sponsor these grants, so there was no call for applications. AMGEN indicated a willingness to support these grants in the future if circumstances permit and have remained sponsors of the AMGEN awards at the ASM.

Sol Posen Research Award

The award is based on the best paper published in the 18 months prior to the closing date of the award by an applicant who must be undertaking a higher degree or be within 5 years full-time equivalent of obtaining their higher degree (PhD, Masters, FRACP or

equivalent). This year, we received 2 applications for the Sol Posen Award. Assessment is based on 4 criteria (scientific rigor, innovation, significance and interest). The announcement of the winner took place at the Conference dinner.

Kaye Ibbertson Award for Bone and Mineral Medicine

The award is open to applicants with a higher degree (PhD or equivalent) completed within the past 15 years and at least 2 years as an ANZBMS member; and is based on the productivity of the applicant, in terms of published clinical and/or basic research, in the field of metabolic bone disease. The award is based on the applicant's best 5 papers, of which the applicant is an author, in the last 8 years. There were 2 applicants for this award. The assessment is based on 4 criteria: innovation/significance, author's contribution, journal prestige and citations. This year and in future, we asked applicants to submit the papers for this award and the Sol Posen award to facilitate review by the RC. The award was announced at the ASM dinner.

Professor Philip Sambrook Award

This award is co-organized by Healthy Bones Australia and ANZBMS and is open to applicants who have received their higher degree (PhD, FRACP) within the past 5 years and have at least 2 years as an ANZBMS or ARA member. This year there were 6 applications. The award was announced at the ASM dinner in Newcastle.



**Professor Rebecca Mason and
Professor Tuan Nguyen
Co-Chairs Research Committee**

The Roger Mellick Young Investigator Award and the Christopher and Margie Nordin Young Investigator Poster Award

Finalists have been chosen by the ASM Program Committee. The awards were be judged at the ASM and awardees announced at the conference dinner.

CLINICAL PRACTICE COMMITTEE

Current members

Christian Girgis (Chair)
Grahame Elder (Past Chair)
Jacqueline Center
Cherie Chiang
Mark Cooper (President-elect)
Mark Forwood (President)
Madhuni Herath
David Kim
Natalie Sims (Past President)

Membership

In 2023, the committee welcomed Madhuni Herath to its membership. As a member of the ECIC, Madi has offered an important perspective on challenges and concerns facing early career clinicians with an interest in bone and mineral medicine.

Strategic Objectives:

In 2023, the committee restated its commitment to its strategic objectives, namely 1) to represent and engage with clinicians amongst the society's broad membership, 2) to promote educational activities, contributing to continuing professional development of society's members and 3) regularly appraise new guidelines and practice-changing publications, as presented to the society.

Engagement with NGOs and professional groups

In 2023, the CPC continued to build strong links with Healthy Bones Australia and the RACP, through Mark Cooper and Cherie Chiang's representation on the RACP Advanced Training Committee (ATC). Natalie Sims has maintained regular engagement with the Bone Health Foundation and David Kim with Bone Health NZ. Members of the Committee represented the society on IOF webinars dealing with IOF activities and projects.

Review of national clinical guidelines and strategy development

In 2022-2023, the CPC was invited to critically appraise national clinical guidelines and strategy statements. These included the Cancer Council Position Statement on Balancing the Harms and Benefits of Sun Exposure in Adults; and the Australian Commission on Safety and Quality in Health Care's Hip Fracture Clinical Care Standard. Both statements were endorsed by the society following the committee's input. The committee also provided advice, by invitation, to the RACP on its regional, rural and remote (RRR) physician engagement strategy and the Australia and NZ Hip Fracture Registry on its 5-year strategic development.

The committee is currently writing a letter of endorsement to the Minister of Health on a recent campaign of the Australian National Alliance for Secondary Fracture Prevention (SOSFA).

Addressing reduced access to intravenous zoledronic acid following the closure of a major private infusion provider in Australia in December 2022

This emerged as a significant concern amongst clinicians in early 2023. The committee reached out to the manufacturers of Aclasta, Novartis and Sandoz, to assist in the development of practical resources to assist primary care providers in the IV administration of ZOL. The committee is seeking to publish on the ANZBMS website a list of private infusion providers throughout Australia who administer ZOL to support access to this treatment. This remains a work in progress and the committee is particularly grateful to Richard Prince, the chair of the Therapeutics committee, for his support in this activity.

ANZBMS 3-part osteoporosis webinar

In 2023, the committee hosted a webinar series that ran over three separate evenings, examining the "life-cycle" of osteoporosis management from initiation of osteoporosis treatments (held on 10th May), sequencing between osteoporosis treatments (2nd August) and finally, the consideration of safe osteoporosis drug intermissions (13th September). These webinars were each divided into 3 parts, the first examining molecular mechanisms underpinning clinical considerations, a brief discussion on clinical trials and subsequently an expert panel discussion on real-world cases. With more than 100 registrants, these activities were well attended and recordings are available for those wishing to listen in. The committee sincerely thanks the chairs, speakers and expert panel members for their time and contribution to this activity. These webinars brought together a wide faculty of senior clinicians and basic scientists, as well as early and mid-career clinicians amongst the society's broad membership. We'd also like to particularly acknowledge Cat Shore-Lorenti for supporting technical aspects of these meetings and ensuring the smooth running and recording of these zoom webinars.

BMS Clinical Postgraduate Meeting

The annual virtual clinical postgraduate meeting returned this year on the weekend of the 9th and 10th December. This was delivered in an online virtual format, over two half-day sessions. The seminar covered broad themes with a focus on pragmatic case-based discussions, and clinical updates. The committee secured an excellent faculty of speakers for this virtual meeting, with 6 plenary sessions and 5 case-based sessions. A diverse range of topics, designed to attract a range of clinicians, has been designed. Although this meeting is designed for physicians-in-training, more experienced physicians seeking a "refresher" in bone and mineral medicine were also invited to attend. The committee promoted this meeting widely and asked society members to spread the word on this meeting to non-members and others with an interest in bone and mineral medicine.



**Associate Professor
Christian Girgis
Chair Clinical Practice
Committee**

We want to hear from you!

The CPC is constantly looking for ways to better engage the society's clinical members. Please feel free to reach out to us with any suggestions on ways we can engage with you on clinical matters, concerns or challenges in the practice of bone and mineral medicine. Please feel free to contact any of the committee's member or the chair Christian Girgis on: christian.girgis@sydney.edu.au

PROGRAMME ORGANISING COMMITTEE

Current members

Ayse Zengin (Co-Chair)
Peter Simm (Co-Chair)
Hong Zhou (Co-Chair)
Jiake Xu
Marc Sim
Kathryn Stok
Mike Rogers
Natalie Wee
Aris Siafarika
Michelle McDonald (former Chair)
John Kemp
Melissa Cantley
Itamar Levinger

The ANZBMS POC members have worked together to create a diverse, exciting and engaging program for this year's ASM.

With the support of ASN events, our committee have developed a program, with the aim to bring our members together to share recent research. We are delighted that 221 delegates (14 virtual delegates) have registered for this year's meeting.

Out of the 123 abstracts that were submitted (45 basic, 58 clinical and 20 clinical cases), 30 were accepted for oral presentations, including 5 outstanding abstracts (including top student abstract, all supported by Amgen), 8 finalists for the Roger Melick Young Investigator award, 10 Christopher and Margie Nordin Young Investigator Poster Prize award, 9 accepted as plenary

posters and 5 clinical cases in metabolic bone disease.

Our two international speakers were Prof. Laura Calvi (USA) who is President of ASBMR and delivered a talk entitled role of macrophages in bone homeostasis. Prof. Yumie Rhee (Korea) was the other invited international speaker and gave a talk on Denosumab discontinuation in postmenopausal osteoporosis. One of our national invited speakers was Prof. Susan Kurrle (NSW) who gave a talk on ageing successfully.

Our committee also included a session on the interface between patient, policy and advocacy. Fracture liaison service (FLS) nurse, Ms Solange Bernado, spoke on her experiences and the importance of the FLS. The other speaker, Dr Greg Lyubormirsky from Healthy Bones Australia (HBA) gave perspectives on this topic from a HBA viewpoint.

The ANZBMS Early Career Investigator Committee have again organised three exciting events for this year's meeting, a clinical case on metabolic bone diseases session, a speed networking event and a career development session entitled Tackling Academic Promotions and Burnout (Dr Marc Sim, Dr Bridie Mulholland, Prof. Mark Forwood and Prof. Yumie Rhee). The ECIC also held the Bones and Brews event at the Foghorn

Brewery which was attended by 60 delegates. As part of the B.O.N.E Program, there are 2 exchange speakers: Dr Michaela Tencerova (ECTS collaboration) and Dr Lama Alabdulaaly (ASBMR collaboration).

We had sponsored sessions over lunch at this year's meeting, including Kyowa Kirin Lunchtime Symposium - The Australian Crys vita XLH Experience - 12 months of PBS access; Amgen Lunchtime Symposium - Tailoring treatments according to fracture risk.

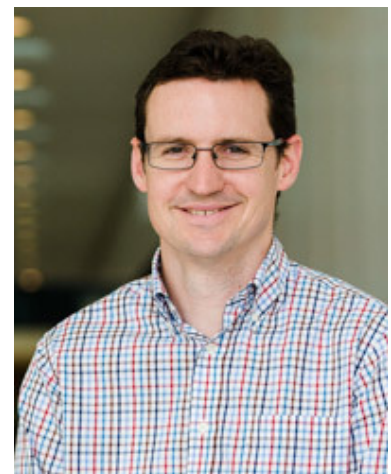
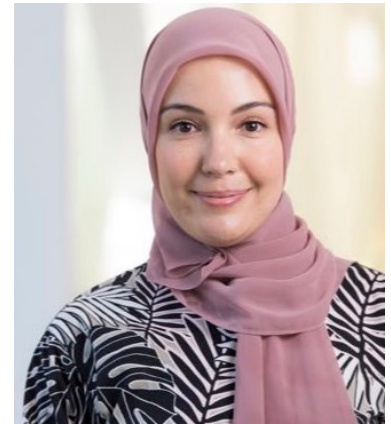
We had a session dedicated to awardees within the past 2 years and included: the 2021 Healthy Bones Australia/ANZBMS/Amgen Clinical Grants Program awarded to Ass/Prof. David Scott, 2022 Sol Posen awardee Kai Chen, and 2022 Philip Sambrook Awardee Natalie Hyde. Additionally, in an effort to rejuvenate the poster sessions and ensure delegates visit the posters, we have selected the Top 5 Clinical and Basic Science Posters to be a part of a guided poster tour.

Following on from the great success of last year, we held another ANZBMS debate "Animal models are accurate models of human diseases", chaired again by Craig Munns. Speakers for the motion were

Natalie Sims & Roderick Clifton-Bligh, speakers against the motion were Jill Cornish & Nathan Pavlos.

In the spirit of getting together and socialising, our committee organised a pre-meeting excursion on Sunday: Tastes of the Hunter Valley. This excursion involved cheese, chocolate and gin tasting.

We are very grateful for the generous support from industry, our gold sponsors Amgen and Kyowa Kirin, and other sponsors (exhibitors). A detailed sponsors report will be available on the following page. Without their support, this meeting would not be possible. We would like to thank all the members of the ANZBMS POC for their outstanding contributions, the session chairs, all members of the ECIC, Ivone Johnson and all others who have contributed to the meeting. In particular, we would like to thank Jim Fawcett and the team from ASN events who have worked tirelessly with us to create a great meeting.



**Dr Ayse Zengin,
Dr Peter Simm &
Professor Hong Zhou
Co-Chairs Programme
Organising Committee**

SPONSORSHIP REPORT

Organisation	Cost (GST Inc.)	Sponsorship Details	Raised by
Kyowa Kirin	\$88,550	Gold Sponsor + 1 Additional Booth + Symposium Sponsor + Coffee Cart Sponsor + 1 Half page advert	ASN
Amgen	\$75,900	Gold Sponsor + Symposium Sponsor	ASN
Destination NSW	\$44,000	Destination Sponsor	ASN
Alexion Pharma	\$27,500	Symposium Sponsor + Exhibitor	ASN
Kyowa Kirin	\$6,952	ECIC Clinical Cases Sponsor	ASN
Gedeon Richter	\$6,600	Exhibitor + 1 Full page advert	ASN
Theramex	\$6,600	Exhibitor + 1 full page advert	ASN
Getz Healthcare	\$5,500	Exhibitor	ASN
ANZBMS	\$0	Exhibitor	N/A

Target	\$206,350
Raised	\$261,602
Achieved	127%

MEETINGS COMMITTEE

As chair of the Meetings Committee I'd like to thank the members of the Committee and all individuals involved in the oversight and development of the various meetings that ANZBMS is involved with. This report is an update regarding future meetings, but a lot of additional content regarding some of these will be outlined in other reports relating to the specific meeting or related committees. Any suggestions for new meetings or ways to build on our existing portfolio are most welcome.

Annual Scientific Meetings

Thanks to Ayse Zengin, Peter Simm and Hong Zhou for being the POC leads for this year's meeting in Newcastle. They have produced an excellent and well-balanced program.

Future meetings: In 2024 the ANZBMS Meeting will be with ESA-SRB in Adelaide 10-13th of November. In 2025, we will likely be in Cairns, likely 9-12th November. This location provides an opportunity to work closely with South East Asian partner societies and we will be discussing how best to exploit this. The POC leads for the 2024 and 2025 meetings will be Agnes Arthur (Basic; Adelaide) and Kirtan Ganda (Clinical; Sydney) who have connections to both of these meeting locations. Looking

forward to 2026, the Committee is looking towards holding the meeting in New Zealand.

Advanced Clinical Postgraduate Meeting (ACPM)

The ACPM is an important educational meeting for trainees in Endocrinology, focussing on clinical aspects of management of osteoporosis and other metabolic bone diseases. Until recently the ACPM had been held intermittently and in a manner that meant that some trainees had difficulty attending due to travel distances. However, thanks to Christian Girgis and the CPC members this meeting has been rejuvenated with an online format and a highly successful meeting was held in 2022. This was attended by both trainees and more established specialists including some outside of endocrinology. The meeting thus has the potential to be an important source of continuing medical education for trainees and consultants. A further meeting was planned for December 2023. Going forward it will be important to try to make this sustainable and this is likely to involve involvement of professional meeting organisers. We will be looking at holding a further meeting in early 2025.

Osteoporosis management webinars

Further thanks go to Christian for his organisation of 3 webinars on osteoporosis management. In particular, these focussed on some of the dilemmas relating to treatment initiation, cessation and switching. These were available on a complimentary basis for ANZBMS members. Your feedback on their utility will help determine whether we should be looking at more of these and in what format.

Densitometry Meetings

The Clinical Imaging Committee continues to deliver the national training meeting in densitometry. The details for this are outlined in their committee report.



Professor Mark Cooper
Chair Meetings
Committee

COMMUNICATIONS COMMITTEE

The role of the Communications Committee is to oversee the delivery of information among members of the ANZBMS and between ANZBMS council and members of the society by a number of activities.

Members

Melissa Cantley (Chair)

Kara Anderson (Acting Chair, general communications, ECIC representative)

Sarah Hosking (social media editor)

Renee Ormsby (website)

Jiao Jiao Li (website)

Kara Anderson (general communications)

Rouha Granfar (social media editor)

Mark Cooper (ANZBMS Honorary Secretary and Clinical Practice Representative)

Ivone Johnson (ANZBMS Secretariat)

Madhuni Herath (ANZBMS Newsletter Co-Editor in Chief)

Laura Joy Trainor (ANZBMS Newsletter Co-Editor in Chief)

Weiwen Chen (Densitometry Committee Representative)

Rob Blank (Research Committee Representative)

Richard Prince (Therapeutics Committee Representative)

Thank you to both Madhuni Herath and Laura Trainor for their excellent work as ANZBMS Newsletter Co-Editor in Chief's. As they step down, we look forward to Martha Blank joining us as the incoming EiC.

Melissa Cantley has welcomed her new baby boy July 2023, and Kara Anderson has stepped into the role of acting chair in her absence since June.

ANZBMS Newsletter

The Newsletter is one of our main forms of communication with our members providing updates on ANZBMS activities, highlighting member achievements and publications, and disseminating information on events including the ANZBMS Annual Scientific Meeting, webinars and other opportunities. Since the last AGM, the previous newsletter arrangement including two publications (General Newsletter and ECI Newsletter) have since been consolidated. Editorial Board Terms of Reference were updated to reflect this change and are available now on the website.

Thank you to the outgoing ANZBMS Editorial Board Members: Laura Trainor, Madhuni Herath, Yinghong Zhou.

Current ANZBMS Editorial Board Members: Martha Blank (incoming EiC), Lena Batoon, Emma Cheney, Shanal Kumar, Michelle Maugham-Macan, Jakub Mesinovic.

The editorial board are currently seeking new members.

The next issue will be in November 2023.

<https://www.anzbms.org.au/newsletters.asp>

ANZBMS eNews

The eNews template has continued to be utilised to communicate news and information to members. This is compiled and sent out by Ivone Johnson in consultation with ANZBMS President Prof Mark Forwood.

Website

Renee Ormsby and Jiao Jiao Li and Ivone Johnson are responsible for updates and changes to the website. Over the past year, the team underwent training with the Webmaster, style guides have been developed and the Newsletter section created for advertising and promotion within the society. A new Conflict of Interest registry has also been developed and added to the website under the Policy tab, and updates were made to the Awards and Grants tabs.

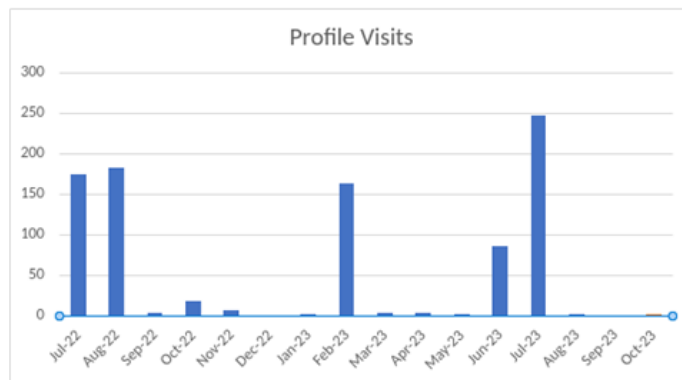
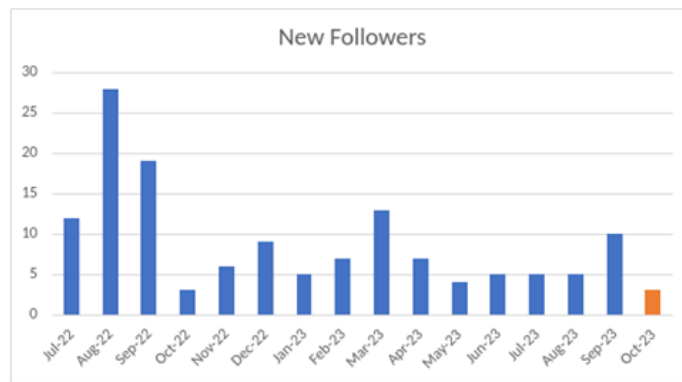
Social media

Sarah Hosking and Rouha Granfar are the joint Social Media Editors looking after the ANZBMS X (formerly Twitter) account (@ANZBMSoc).

Sarah and Rouha regularly compose or amplify social media promotion of events, training, workshops, grants, and campaigns including World Osteoporosis Day, ANZBMS/RACP webinars, Bone Health Foundation ANZBMS collaborative initiatives, ANZBMS Advanced Postgraduate meeting and others.

The team also regularly retweet all relevant information on webinars from other societies along with papers and awards for ANZBMS members. They have also been advertising the ASM events, program, deadline and ECI events.

Social media and Comms are currently looking at expanding promotion using ANZBMS presence on LinkedIn and considering other online spaces in the possibility of X (formerly Twitter) instability. Efforts are being made to enhance the approaches of sharing the work of ANZBMS mid and senior researchers through the general X account (@ANZBMSoc) and ECIs through the ECIC X account (@ANZBMS_ECIC) throughout 2024.



Metrics from the @ANZBMSoc X account. Profile visits and new followers increase in the lead up to the ASM, promotion of seminars, and there is significant engagement during the meeting.

01 July 2022-12 October 2023

Statistics:

Posts = 208

Post impressions = 79,798

Profile visits = 224

Mentions = 96

New followers = 150

Reposts = 266

Likes = 792

ANZBMS Videos

Final editing is currently underway for our planned promotional videos. Thank you to all who have provided footage for this project. In total, three videos will be created (one in conjunction with the ECIC), with the aim to encourage membership, provide an engaging form of information sharing about the committee and have the capacity to be used on our website, social media and more broadly. They have been designed for longevity, and will hopefully be of use for many years to come.

Membership Survey

The Comms committee have also been in the process of developing a survey of society members, to gain information to better support communications to members, as well as an understanding of the attitudes and opinions of members towards the society in general. This will be circulated to members soon.

Other Communications

IFMRS newsletter updates: We continue to provide updates for the IFMRS newsletter including details on the 2023 Annual Scientific Meeting, B.O.N.E Program and other initiatives.

We have designed flyers to advertise ANZBMS events – including the Advanced Clinical Meeting. Marq is used to design these flyers that are then emailed out and posted on Twitter.



Dr Kara Anderson
Acting Chair
Communications Committee

CLINICAL IMAGING COMMITTEE

ANZBMS Densitometry Course 2023

An online course was held successfully on March 4th and 5th.

Emirates Society of Osteoporosis: An online course was run in conjunction with the Emirate Rheumatology Academy (ERA) on the 22nd and 23rd September. The course overall ran well but there were issues relating to the time differences.

Special thanks is due to Chris Schultz and Julie Briody for their ongoing work to facilitate the online courses.

A face-to-face course was held at The Garvan Institute on Nov 11th and 12th, with approximately 45 registrations.

The subsequent course will be online in March or April 2024.

The members of the Course faculty have been expanded to include Aimee Morabito from the AIS, who has a special expertise on body composition.

MSAC

There have been prolonged dealings with MSAC for Medicare funding for bone density in women with breast cancer on Aromatase inhibitors. There has been some progress recently. Particular credit is due to Dr Sabashini Ramchand. The MSAC

Executive have indicated they will consider the submission before the end of 2023.

The CIC provided advice to Council regarding and MSAC submission (source unknown) to expand the existing Medicare Item numbers 12320 and 12322 from age 70 and above to age 60 and above. The CIC supported the application but had reservations due to the Item numbers covering QCT, with its higher radiation dose, as well as DXA. The application will be considered by MSAC in its Nov 2023 meeting.

Densitometry Reporting Guidelines

Guidelines for Densitometry reports were finalised in the last year and have been endorsed by the AANMS, ANZBMS, ESA, RANZCR.

Densitometry Accreditation Guidelines

Guidelines for Densitometry laboratories were previously developed in 2003 under the auspices of the Australian and New Zealand Bone and Mineral Society, The Australian and New Zealand Association of Physicians in Nuclear Medicine, The Royal Australian and New Zealand College of Radiologists and The Australasian College of Physical Scientists and Engineers in Medicine.

These guidelines are broad based and were intended to serve long term. However, a review and update is now considered appropriate and this has begun. Prof Roger Price has volunteered to aid the CIC in guiding this process. A draft version of the updated guidelines is planned to be completed by the end of 2023.



**Associate Professor
Nicholas Pocock
Chair Clinical Imaging
Committee**

EARLY CAREER INVESTIGATOR COMMITTEE

2022 Early Career Investigator Committee Report

Bridie Mulholland and
Cassandra Smith
- ECIC Co-Chairs

The specific objectives of ECIC are to:

1. To act in collaboration with the ANZBMS senior committee and foster active engagement of early career investigators within the ANZBMS.
2. To promote activities that engage early career investigators and senior members in open dialogue and collaborative initiatives.
3. To increase early career investigator awareness of research trends and application of new technologies in bone and mineral research.
4. To increase engagement of clinical trainees and improve training in bone and mineral metabolism.
5. Involvement in scientific and social programs at the ANZBMS Annual Scientific Meeting.
6. To foster science communication and engagement with the public.
7. To facilitate translation of scientific findings to industry and government.

2021-2022 ECIC Committee

Co-Chairs

Dr. Bridie Mulholland (NSW)

Dr. Cassandra Smith (WA)

Members

Dr. Albert Kim (NSW)

Dr. Lena Batoon (QLD/USA)

Dr. Hanh Nguyen (VIC)

Dr. Jack Dalla Via (WA)

Dr. Pamela Rufus-Membere (VIC)

Dr. Kara Anderson (VIC)

Dr. Jason Talevski (VIC)

Dr. Amy Harding (QLD)

Dr. Madhuni Herath (VIC)

Dr. John Kemp (QLD; ex officio member and ECIC POC representative)

Subcommittee team leaders were nominated by members of each subcommittee.

- Dr. Kara Anderson: Communications
- Dr. Jack Dalla Via: Career Development
- Dr. Jason Talevski: Events
- Dr. Albert Kim: Clinical

Nomination of New ANZBMS ECIC Members for 2022-2023

Expressions of interest to join the ECIC were advertised on 28 August 2023 and closed on the 22 September 2023. In total, 15 applications were received

from NSW, QLD, VIC, SA and WA. Scoring of the applications by the current ECIC closed on 13 October 2023, with Council ratification and notification of the successful applicants taking places before the 2023 ANZBMS Annual Scientific Meeting (ASM).

Objective 1: To act in collaboration with the ANZBMS senior committee and foster active engagement of early career investigators within the ANZBMS

The ANZBMS and the ANZBMS ECIC have been actively working to increase the engagement of ECIs within the Society. ECIs have been given the opportunity to co-chair sessions with senior members at ANZBMS 2023. The number of ECIs involved in various ANZBMS sub-committees is also increasing and we continue to actively encourage this. The ECIC Co-Chairs also attend Council meetings as ex-officio members. The past Co-Chair of the ECIC acts as the ECIC representative on the ANZBMS Program Organising Committee and assists in developing the scientific program for the ASM in conjunction with the ECIC. Following interest of Council committees to engage with the

ECIC, the ECIC determined which sub-committees articulate with Council committees and established a representative agreement, whereby a member of the relevant ECIC subcommittee will act as the ECIC representative on the corresponding Council committee. Ten sessions at the 2023 ANZBMS ASM were co-chaired by ECIs.

ECI Representatives on Committees

2022 POC & LOC

Ayse Zengin (POC Co-Chair), John Kemp (ECIC POC representative), Melissa Cantley, Brya Matthews

ANZBMS Communications Committee

Melissa Cantley, Sarah Hosking, Renee Ormsby, Jiao Jiao Li, Kara Anderson, Rouha Granfar

Clinical Imaging Committee

Ali Ghasem Zadeh

Editorial Board

Martha Blank (incoming EIC), Lena Batoon, Emma Cheney, Shanal Kumar, Michelle Maugham-Macan, Jakub Mesinovic (Outgoing: Laura Trainor, Madhuni Herath, Yinghong Zhou)

Meetings Committee

Audrey Chan, Ashika Chhana

Research Committee

Natalie Hyde, Brya Matthews, Lieke Scheepers, Marc Sim

Therapeutics Committee

Hanh Nguyen

ECIC Representatives on Council Committees

Madhuni Herath (ECIC Clinical Subcommittee; Clinical Committee)

Kara Anderson (ECIC Communications Subcommittee; Communications Committee)

Objective 2: To promote activities that engage early career investigators and senior members in open dialogue and collaborative initiatives

ECIC Engage Series

Following the success of the Coffee Catch-Ups and in recognition of the changing needs of ECIs following on from the pandemic, the ECIC rebranded and restructured the Coffee Catch-Ups into the ECI Engage Series. This series aims to develop ECIs technical and non-technical skills and cover high-priority, relevant topics. The first ECI Engage Series session was held on 11 August 2023. A/Prof Alison Beauchamp - an Associate Professor at Monash University - and Liz Flemming Judge - a respected and experienced

consumer representative - presented their thoughts on the do's and don'ts of co-design and consumer engagement. The session was very well-received with 36 participants joining the webinar including 9 ECIC members. The Events Subcommittee planned another session for late 2023.

Local Bone Meetings

In response to the transition back to face-to-face work, the ANZBMS ECIC are facilitating local meetings in different states. This year, a series of local bone meetings were held in Melbourne. We continue to discuss this initiative with local senior researchers to hold joint meetings of local research groups, if possible, for ANZBMS members including ECIs.

Fellowship Coaching Program

The second iteration of the Fellowship Coaching Program launched in August 2023. This initiative supports two ECIs with their NHMRC Investigator Grant applications for the November 2023 round. The program focuses on the research impact and leadership sections of applications. The research proposal was not considered to maintain confidentiality and respect the intellectual property of research projects. This iteration of the program is condensed compared to the inaugural program that ran in

2021-22. This was due to the NHMRC announcing the November submission date for the next round in late July 2023.

Interested candidates completed an expression of interest form. Four EoIs were received, and only two were eligible (Dr Marc Sim and Dr Cassandra Smith). One EoI was deemed ineligible as their research was not bone and mineral related. The final EoI was ineligible as they had not previously submitted an NHMRC Investigator Grant application (an eligibility criteria for the program). We approached several mid-career investigators (MCIs) with a successful record of competitive funding, and four agreed to be coaches. This includes three coaches from within the society (Drs. Joh Kemp, Susan Millard and David Musson) and one external coach who holds an NHMRC Investigator Grant (A/Prof Joost Lesterhuis). John and Susan coached Cassandra, and Joost and David coached Marc.

Through a mixture of Zoom meetings and written feedback, the MCI coaches provided one round of feedback to each applicant. Panels of senior members from ANZBMS then reviewed applications; four researchers agreed to be part of these panel sessions. Each panel consisted of two senior members of the society, the MCI coaches, and a representative from the

career development subcommittee. The MCIs have compiled the feedback given and passed this to each candidate. MCI coaches then reviewed the applications one final time before applications were submitted to NHMRC for consideration. At the conclusion of the coaching program, the career development subcommittee seek feedback from coaches and applicants to strengthen future rounds of the Fellowship Coaching Program.

Objective 3: To increase early career investigator awareness of research trends and application of new technologies in bone and mineral research

KSBMR Webinar

The ANZBMS ECIC is working with the Korean Society of Bone and Mineral Research (KSBMR) and the International Federation of Musculoskeletal Research Societies (IFMRS) to organise the first webinar in the 'Future Global Leaders in Musculoskeletal Research Webinar Series'. The webinar series aims to connect EMCRs from various musculoskeletal research societies in order to provide opportunities to enhance their international profiles and collaborations. ANZBMS was the lead society for the webinar, which took place on November 23, 2023. The ECIC (Dr Cassandra Smith and Dr Jack Dalla Via leading) have worked with

KSBMR to prepare a program that included three ANZBMS speakers. A keynote presentation will be delivered by A/Prof Nathan Pavlos. EMCR presentations will be delivered by Dr Amy Harding and Dr Ayse Zengin, alongside two EMCR speakers from KSBMR.

JSBMR ASM

For another year, JSBMR invited an ECI member of ANZBMS to present at an IFMRS symposium held at the JSBMR ASM. This ongoing exchange represents a further fantastic opportunity for ANZBMS ECIs to gain international recognition for their work. The ECIC seeks recommendations for speakers from senior members and provides a shortlist to Council. This year, Dr Natalie Wee (St Vincent's Institute of Medical Research, VIC) was selected to present, entitled '*Identifying novel bone forming cells within the skeleton*'.

Objective 6: To foster science communication and engagement with the public

ANZBMS Website

The ECI section is regularly updated by the ECIC Communications subcommittee to include the role of the ECIC and its

members and to share ECI-related news, events, awards, newsletters, grants, scholarships and other ECI resources. The subcommittee recently revised the design of the ECIC section of the website to improve visual appeal.

ANZBMS Quarterly ECI Newsletter

In 2023, the ECI newsletter was merged with the society newsletter to streamline the society's communications. A section in the society newsletter is reserved for ECI matters, with the aim to create a sense of community among the society's ECIs, highlight their work and disseminate relevant information. The society newsletter editorial board includes members that are ECIs.

Editorial Board Members: ECI Newsletter 2022/2023

- Alex Barker (SA), EIC
- Amy Ribet (WA)
- Behnaz Azimi Manavi (VIC), Copy Editor
- Madhuni Herath (VIC), Copy Editor
- Emma Buckels (NZ)
- Jakub Masinovic (VIC)
- Laura Trainor (SA)
- Mei Lin Tay (NZ)
- Shanal Kumar (VIC)
- Jason Talevski (VIC)
- Tian Nie (VIC)

Editorial Board Members: 2023 Streamlined Society Newsletter

- Martha Blank (VIC), Incoming EIC
- Madhuni Herath (VIC), Outgoing Co-EIC*
- Laura Trainor (SA), Outgoing Co-EIC*
- Lena Batoon (QLD/USA), Co-Copy Editor
- Emma Cheney (SA), Co-Copy Editor
- Jakub Masinovic (VIC)
- Shanal Kumar (VIC)
- Michelle Maugham-Macan (QLD)
- Yinghong Zhou (QLD)*

*Those whose terms have ended.

Four issues were produced in 2023. The ECI section in the society's newsletters have allowed the society to celebrate the achievements of our ECI members, explore issues relevant to ECIs and encourage collaborations across Australia & New Zealand. Marq is utilised to compose the newsletters and members have found it to be fit for purpose. The published issues can be found on the website.

Social Media

Our X (formerly Twitter) account (@ANZBMS_ECIC) is used as the main social media platform to keep ECIs informed of upcoming national and international events, conferences, awards and other information relevant to ECIs. The

ECIC Communications subcommittee posts regularly, including advertisements of the ECI Engage series, RACP webinars and ECI events at the ASM. We are seeing increased numbers of reposts, engagement and likes on the account. Following the ANZBMS 2023 ASM, new ECIC members will be introduced to the account. Currently, we have more than 700 followers.

We also use our social media accounts to disseminate bone-related information to the public and feature our ECIs and their research. For example, we share work from members as part of the World Osteoporosis Day campaign in conjunction with campaign materials from IOF. We concomitantly use this platform to feature a number of our ECIs including their work that align with the messages of the campaigns like this one. In the new year, we also plan to develop more robust methods for identifying work by ECIs for promotion via X (Twitter) and other platforms. We will be working in conjunction with the Communications Committee to identify and develop other key social media sites such as LinkedIn that might be of interest and use to our members.

ECIC Promotional Video

In the coming months, the ECIC will be putting out a short video that provides an overview of the ECIC and its current initiatives. The aim of this project is to advocate for and advertise the committee and maintain the enthusiasm of current and future members. Short videos have been prepared by past and current members, with the goal for the video to have promotional longevity for the next few years to come. Development of the video runs parallel to a similar initiative being undertaken by the Communications Committee.

Objective 4: To increase engagement of clinical trainees and improve training in bone and mineral metabolism

Clinical Cases in Metabolic Bone Disease Seminar

This session consists of challenging clinical cases presented by experts. Each presenter gives a clinical vignette followed by evidence, and this is followed by expert commentary, questions and discussion. It also allows clinical trainees to present at a national meeting, developing valuable communication skills and provide networking opportunities.

In 2023 the Clinical Cases session will be held as part of the ANZBMS ASM in Newcastle, NSW. This year the 2023 Clinical

subcommittee members were Albert Kim, Madhuni Herath and Cassandra Smith. 18 cases were submitted for the session with 5 given oral presentations. The Clinical subcommittee organised abstract reviewers and judges for the session. Two ANZBMS ECIs were given the opportunity to chair this year's Clinical Cases Session to provide exposure and networking opportunities. Lucy Collins (2022 Clinical Cases Seminar winner) and Shejil Kumar chaired, with support from the Clinical subcommittee. We hope to start a tradition of inviting the previous year's winner to chair the following year's session. The scoring sheet for the session was also updated to increase the impact of the question time for the presentations and allow more clinical discussion.

RACP Webinar Series

This webinar is part of the Specialty Society Webinar Service that is being undertaken by the RACP in partnership with its affiliated specialty societies. Six webinars were arranged for 2023 with topics based on feedback from previous years' attendees. A focus of the Clinical Subcommittee in 2023 has been to involve non-physician members of the clinical team, highlighting the multidisciplinary nature of providing care to those with musculoskeletal diseases. The webinar series ran from July to November 2023.

Webinar 1: Prof Mark Forwood - Bone Biology for Clinicians

Webinar 2: Dr Sandra Iuliano - Nutrition for Musculoskeletal Health

Webinar 3: Prof Robin Daly - Sarcopenia for Clinicians: Diagnosis and Management

Webinar 4: A/Prof Josh Lewis - Abdominal Aortic Calcification and Cardiovascular Disease

Webinar 5: A/Prof Ada Cheung - Bone Health in Transgender Individuals

Webinar 6: Dr Sabashini Ramchand - Endocrine Cancer Therapy and Bone Health

In previous years, these sessions have been well attended and feedback was positive, with attendees finding the content useful for clinical practice, engaging and of the right duration. Feedback and attendance statistics will be collected and reported at the end of the Webinar Series.

Objective 5: Involvement in scientific and social programs at the ANZBMS Annual Scientific Meeting

The ECIC will hosted 3 events at the 2023 ANZBMS Annual Scientific Meeting:

Science at Speed: Networking Session

Sunday 22 October
4:00pm-5.30pm, Hunter Room, Newcastle City Hall. This event is FREE for all delegates. This event aims to foster collaboration and networking across different disciplines and career levels. Each pair is given 6 mins to pitch their research interests. Over the hour, each attendee networks with 10 people.

Bones & Brews Social Event

Sunday 22 October
7:30pm-10:00pm, Foghorn Brewery, Newcastle. Cost \$25 pp. This is a casual drinks and dinner social event to bring together members at all levels from all three societies. The evening features trivia along with substantial but informal food and drinks.

ECIC Career Development Breakfast

Monday 23 October
7:00am-8:30am. Tackling Academic Promotions & Burnout. This session was free for all delegates and had two parts: the first included presentations and a panel discussion from three ANZBMS members - Dr Bridie Mulholland provided an ECI perspective of securing an academic position; Dr Marc Sim discussed moving from Level B to Level C; and Prof Mark Forwood provided his perspective on navigating academic promotions.

The second part featured a 30-minute presentation from invited speaker Dr Yumie Rhee on managing burnout in academia.

Bridging Overseas Networking and Exchange Program - B.O.N.E Program

The Bridging Overseas Networking and Exchange (B.O.N.E) Programs are an ANZBMS ECIC initiative, established in 2018, to address the limited opportunity and funds for invited presentations for early career investigators (ECI) in the musculoskeletal field. This program will boost ECIs track records, increase their exposure, provide travel support, and facilitate international networking and collaboration - together enabling more competitive track records for future funding opportunities. Currently, there are two B.O.N.E Programs offered to ECIs:

ANZBMS Partnership B.O.N.E Program

The ECIC aims to collaborate with 1-2 international societies every year for this program. Annually, the respective societies will nominate five outstanding ECIs who are members of their respective societies. The ANZBMS Program Organising Committee (POC) will invite one ECI from the collaborating society to the ASM

as an invited speaker. In a reciprocal agreement, the respective society's POC will select and invite one ANZBMS ECI to their ASM as an invited speaker. Dr Dzenita Muratovic (University of Adelaide, SA) was selected as the ANZBMS recipient to attend the European Calcified Tissue Society (ECTS) meeting in April 2023. Michaela Tencerova (The Czech Academy of Sciences, Czech Republic) was selected as the ECTS B.O.N.E recipient and presented at the 2023 ANZBMS ASM with her presentation titled '*Bone marrow adipose tissue under control of nutrient sensors*'

ANZBMS-ASBMR B.O.N.E Program

This is a three-year pilot B.O.N.E program between ANZBMS and ASBMR. Recipients of this award are selected from the Young Investigator Awardees from the ASBMR Annual Scientific Meeting of the respective year. The ASBMR POC selected one Young Investigator Award Recipient who is a member of ANZBMS; the ANZBMS POC selected one Young Investigator Award recipient who is a member of ASBMR. Lama Alabdulaaly (Harvard University, US) was selected as the ASBMR B.O.N.E recipient and presented at the ASM with presentation titled '*Pth1r Signalling in Adipoq+ Bone Marrow Cells (MALPs) Decreases Bone Mass and Restricts the Anabolic Reponse to PTH*'.

Concluding Remarks

We would like to thank all members of the ECIC for their valuable contributions and support in 2023.



Dr Bridie Mulholland & Dr Cassandra Smith
Co-Chairs Early Career Investigator Committee

ANZBMS 2023 LIFE MEMBERS

Congratulation to the new ANZBMS life members!

Richard Prince

ANZBMS congratulates Prof Richard Prince on being awarded ANZBMS Honorary Life Membership. Honorary Life Members are those who are distinguished in the field of bone and mineral metabolism, at home or abroad, who have made material contributions to the advancement of bone and mineral metabolism and who, in the opinion of the Council, are worthy of this distinction.



ANZBMS 2023 AWARD WINNERS

ANZBMS Career Achievement Award

Professor Natalie Sims

Congratulations to Prof Natalie Sims on being awarded the ANZBMS Career Achievement Award at the Annual scientific Meeting in October. The ANZBMS Career Achievement Award recognises outstanding and major scientific or clinical contributions, and excellence in teaching and service to and within the bone and mineral field.



CHRISTINE AND T. JACK MARTIN RESEARCH TRAVEL GRANT 2023

This grant is offered by the ANZBMS in memory of Christine Martin and to honour the outstanding and major scientific contributions of Professor T Jack Martin to bone and mineral research and his contributions to associates and trainees in teaching, research, and administration. The Christine and TJ Martin Award is supported by a partnership between ANZBMS and the Bone Health Foundation.

Lieke Scheepers

University of Tasmania



ANZBMS 2023 AWARD WINNERS

ANZBMS/BHF Grant in Aid

ANZBMS and the Bone Health Foundation is pleased to announce the recipients of the ANZBMS/BHF Grant-in-Aid.

These \$25,000 grants were targeted to mid-career researchers (5-15 years postdoctoral) who were unsuccessful in a recent National Grant Round to provide funds to help make their work more competitive in a future grant round. We received many very high quality applications, which were scored by a panel of 7 experts. All applicants received feedback on their applications, which we hope will help them in preparing their future grant applications.

This year's awardees were:

Doctor Jiao Jiao Li

University of Technology Sydney



Associate Professor Kathryn Stok

University of Melbourne



Congratulations to you both!

For more information about the Bone Health Foundation, please see <https://www.bonehealth.org.au/>

ANZBMS 2023 AWARD WINNERS

KAYE IBBERTSON AWARD FOR BONE AND MINERAL RESEARCH

The award is based on the productivity of the applicant, in terms of published clinical and/or basic research, in the field of metabolic bone disease. The award is based on the applicant's best 5 papers, of which the applicant is an author, in the last 8 years.

There were three applicants for this award. The assessment was based on four criteria: innovation/significance, author's contribution, journal prestige and citations. Based on these criteria, the winner was Natalie Wee.

Kai Chen

University of Western Australia



ANZBMS SOL POSEN AWARD

The award is based on the best paper published in the 18 months prior to the closing date of the award. This year, we received 2 applications for the Sol Posen Award. Based on 4 criteria (scientific rigor, innovation, significance, and interest), all assessors were unanimous that the award should be given to **Varun Venkatesh** for the work described in *The AR in bone marrow progenitor cells protects against short-term high-caloric diet-induced weight gain in male mice*.

Varun S Venkatesh

University of Melbourne



ANZBMS 2023 AWARD WINNERS

ROGER MELICK YOUNG INVESTIGATOR AWARD

This award is presented to commemorate the contribution of Dr Roger Aziz Melick to endocrinology and student education.

Roger Melick died in November 1986 after a long battle with cancer. He trained in endocrinology with Fuller Albright, in Boston, and joined The Royal Melbourne Hospital as the third member of the foundation Department of Medicine. He was appointed Head of the Clinical School in April 1979 and he was forced to retire because of his illness during 1986. Roger Melick was particularly known for his kindness, consideration and empathy for both patients and students. The prize is awarded annually to young members of the Society working towards a higher degree (including FRACP).

Christal Au-Yeung

University of Sydney

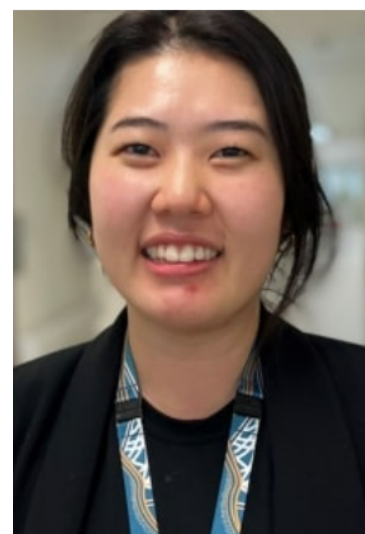


CLINICAL CASES IN METABOLIC BONE DISEASE SEMINAR AWARD

The Clinical Cases in Metabolic Bone Disease Seminar was established in 2018 to encourage clinical interest in metabolic bone research in junior clinicians. This seminar provides an opportunity for physician trainees to present their case and literature reviews to a national scientific audience. It is anticipated that each case will spark lively discussion regarding complex areas of metabolic bone disease, engaging both clinicians and scientists. The clinical cases session aims to foster interest in the bone field amongst advanced trainees and senior clinicians and hopes to engage them into the wider clinician-research network.

Amanda Ji

Cairns Hospital



ANZBMS 2023 AWARD WINNERS

CHRISTOPHER AND MARGIE NORDIN YOUNG INVESTIGATOR POSTER AWARD

This award is named in honour of the outstanding and major clinical investigations into disorders of bone and mineral metabolism made by Professor Christopher Nordin and his contributions to the ANZBMS. Professor B.E Christopher Nordin was a senior specialist at the Institute of Medical and Veterinary Science in Adelaide, and the man credited with drawing the medical community's attention back to the link between calcium deficiency and osteoporosis (brittle bones).

Prof Nordin did his medical training at University College Hospital in London, graduating in 1950. In 1952, he went to Hammersmith Hospital, the postgraduate medical school, where he developed an interest in the link between calcium and bone strength. After more than 20 years in Britain, many as director of the Medical Research Council's Mineral Metabolism Unit in Leeds, Prof Nordin moved to Adelaide in 1981 to take up a position at Royal Adelaide Hospital where, instead of retirement, he wanted the excitement of setting up a new osteoporosis research group.

Professor Nordin was also the World Health Organisation's calcium expert, a visiting professor of medicine and pathology at the University of Adelaide and an emeritus specialist in endocrinology at Royal Adelaide Hospital. Prof B.E.C Nordin's work was honoured by the American Society of Bone and Mineral Research by the Frederick Bartter award in 1998.

Krisel De Dios

University of Technology Sydney



ANZBMS 2023 AWARD WINNERS

PHILIP SAMBROOK YOUNG INVESTIGATOR TRAVEL AWARD

The 2023 Travel Grant was awarded to the research on developing novel imaging technology, enabling the direct visualisation of how dietary nutrients and drugs move across cells and tissues in the musculoskeletal system. Presented at the ASBMR Annual Meeting in Vancouver, BC, Canada

Dr Kai Chen

Research Fellow

University of Western Australia



AMGEN OUTSTANDING ABSTRACT AWARD

Varun S Venkatesh

University of Melbourne

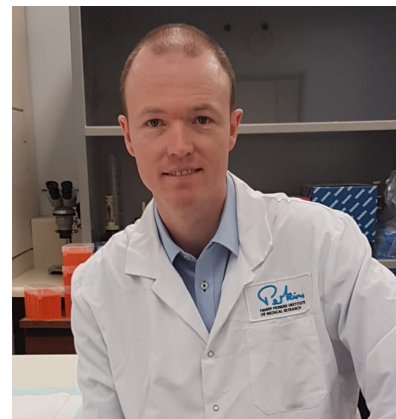
"Identifying the proteins secreted by bone marrow mesenchymal precursor cells responsible for negatively regulating fat mass in male mice"



Benjamin H Mullin

University of Western Australia

"Co-localisation between genome-wide association and gene expression data identifies ATP6V1A as a potential regulator of bone mineral density that acts through osteoclasts"



ANZBMS 2023 AWARD WINNERS

AMGEN OUTSTANDING ABSTRACT AWARD

Sandra Iuliano

University of Melbourne

"Reducing hip and non-vertebral fractures in institutionalised older adults by restoring inadequate intakes of protein and calcium is cost-saving"



Charles Inderjeeth

North Metropolitan Health & The University of Western Australia

"Acetylcholinesterase inhibitors reduce fracture and mortality risk in older patients with dementia syndromes"



ANZBMS HIGHEST RATED STUDENT ABSTRACT AWARD

Kavindi Weerasinghe

Deakin University

"Effects of antipsychotics on embryonic bone development"



ANZBMS 2023 AWARD WINNERS

BRIDGING OVERSEAS NETWORKING AND EXCHANGE (B.O.N.E) PROGRAM

The Bridging Overseas Networking and Exchange (B.O.N.E) Program is an ANZBMS Early Career Investigator Committee (ECIC) initiative, established in 2018, to address the limited opportunity and funds for invited presentations for early career investigators (ECI) in the musculoskeletal field. This program will boost ECIs track records, increase their exposure, provide travel support, and facilitate international networking and collaboration - together enabling more competitive track records for future funding opportunities.

This years recipients were:

Michaela Tencerova

Institute of Physiology, Academy of Sciences of the Czech Republic (ASCR)



Lama Alabdulaaly

Harvard Dental School



ANZBMS MEMBER ACHIEVEMENTS

ANZBMS CHRISTINE AND T JACK MARTIN RESEARCH TRAVEL GRANT TRAVELED IN 2023

Ayse Zengin
Monash University



ASBMR JOHN HADDAD YOUNG INVESTIGATOR AWARD

Ben Kirk
University of Melbourne



ELECTED TO INTERNATIONAL OSTEOPOROSIS FOUNDATION COMMITTEE OF SCIENTIFIC ADVISORS

David Scott
Deakin University



ANZBMS MEMBER ACHIEVEMENTS

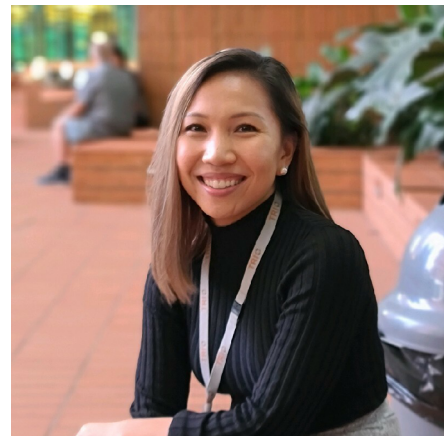
2023 ECTS NEW INVESTIGATOR SEMINAR NESTLÉ CLINICAL AWARD

Cassandra Smith
Edith Cowan University



2023 ECTS NEW INVESTIGATOR AWARD

Lena Batoon
University of Michigan



2023 ECTS NEW INVESTIGATOR BEST CLINICAL POSTER AWARD

Marc Sim
Edith Cowan University



ANZBMS MEMBER ACHIEVEMENTS

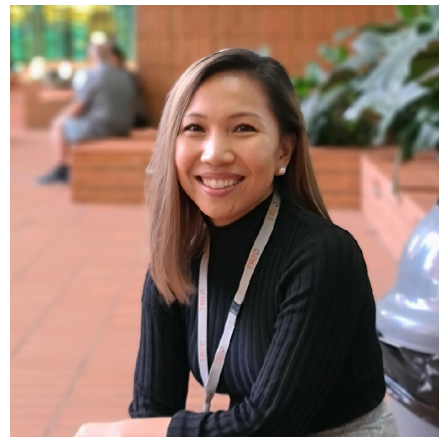
2023 ECTS NURSES AND ALLIED HEALTH AWARD

Marc Sim
Edith Cowan University



2023 ASBMR HAROLD M. FROST YOUNG INVESTIGATOR AWARD

Lena Batoon
University of Michigan



DEAN SCHOLAR AWARD

Rhiannon Healy
Victoria University



ANZBMS MEMBER ACHIEVEMENTS

2023 ASMR ASM HIGHEST SCORING ABSTRACT AWARD

Laura Trainor
University of Adelaide



2023 WA YOUNG TALL POPPY AWARD

Marc Sim
Edith Cowan University



2023 ASBMR HAROLD M. FROST YOUNG INVESTIGATOR AWARD

Ahmed Al Saedi
Harvard Medical School



ANZBMS MEMBER ACHIEVEMENTS

2023 RISING STAR AWARD BY ST. VINCENT'S INSTITUTE OF MEDICAL RESEARCH

Martha Blank

St Vincent's Institute of Medical Research



SELECTED FOR IMNIS REDICONNECT MENTEE PROGRAM

Laura Trainor

University of Adelaide



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24/10/23**



Professor Mark Forwood
Griffith University Gold Coast
School of Medical Science
Griffith University
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**PRESIDENT from
24/10/23**



Professor Mark Cooper
University of Sydney
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**PRESIDENT-ELECT
from 24/10/2023**



Dr Michelle McDonald
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HONORARY SECRETARY



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Sir John Walsh Research Institute

University of Otago, Te Whare Wānanga o Otāgo

Dunedin New Zealand, Aotearoa

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NHMRC Early Career Research Fellow

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Cherie Chiang**

Endocrinologist & Stream
Leader Endocrine Chemical
Pathology

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Endocrinology, Royal
Melbourne Hospital.

Chemical Pathologist,
Department of Pathology,
Royal Melbourne Hospital

Endocrinologist, Austin
Hospital & Peter MacCallum
Cancer Centre

Honorary Senior Fellow,
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Parkville VIC 3050

COUNCILLOR



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Councillor from 24/10/23

School of Health Sciences
and Social Work

Director, The Bone Clinic

Menzies Health Institute
Queensland

Griffith University

COUNCILLOR



Professor Itamar Levinger

Councillor from 24/10/23

Associate Director
Research and Research
Training, Institute for
Health and Sport (IHES),
Victoria University, Leader:
Bone, Muscle and CV
Research Group, IHES.

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Edith Cowan University
Western Australia

COUNCILLOR



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WA

PAST PRESIDENT
until 24/10/23



Associate Professor Natalie Sims
St Vincents' Institute
Fitzroy, VIC
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