

PROGRAMME AT A GLANCE
ANZBMS 12th Annual Scientific Meeting, Stamford Grand, Adelaide Australia
Sunday 6th October – Wednesday 9th October 2002

TIME	SUNDAY 06/10/02	MONDAY 07/10/02	TUESDAY 08/10/02	WEDNESDAY 09/10/02
07:00-08:15		BREAKFAST SESSION Colley 1 Steven Goldring	BREAKFAST SESSION Colley 1 Steven Cummings	
08:30-10:00		Session 1 - Ballroom 1 Welcome <u>Plenary 1</u> Steven Cummings: Lessons from fracture prevention trials Free Oral communications	Session 5 - Ballroom 1 <u>Plenary 2</u> Steven Goldring: Cellular and molecular mechanisms of bone loss in Rheumatoid Arthritis Free Oral communications	Osteoporosis: Challenges & Opportunities
10:00-10:30		REFRESHMENTS Ballroom 3	REFRESHMENTS	09:00 – 10:30 Controlling the Epidemic - Ballroom 1 Les Cleland: Implementing secondary prevention of fragility fractures Richard Prince: Clinical efficacy of PTH
10:30-12:00		Session 2 - Ballroom 1 <u>ANZBMS Young Investigator Presentations</u>	Session 6 a - Ballroom 1 <u>New Therapies for Bone Disease</u> Simon Cool: The role of FGF and FGFR in the control of osteoblast phenotype Free oral communications Session 6 b – Colley 1 <u>Bone Histomorphometry</u> Nick Fazzalari: Bone Histomorphometry: unfolding tissue level secrets essential in skeletal physiology and disorders Alan King: A histopathologist's experience and practice in the use of bone histomorphometry. Damian Myers: Phase-contrast X-ray imaging of bone. Session 6c – Ballroom 2 <u>Bone Densitometry & Falls</u> Free Oral communications	10:30 – 11:00 REFRESHMENTS – Ballroom 3
12:00-14:00		12:00-14:00 LUNCH & Trade Exhibition Ballroom 3	12:30-13:30 LUNCH & Trade Exhibition - Ballroom 3	11:00 – 12:30 Opportunities for the Future– Ballroom 1 Steven Cummings: Hormone Replacement Therapy Steven Goldring: New therapies - messages for consumers John Bilezikian: Rebuilding bone, not just stopping the rot
	14:00-18:00 Registration	12:45-13:45 Ballroom 1 Eli Lilly Symposium John Bilezikian: Parathyroid Hormone: a new horizon in the therapy of osteoporosis	13:30-15:00 Session 7 a – Ballroom 1 <u>Exercise and Immobilisation</u> Shona Bass: Linking the cellular and tissue responses of mechanical loading to practical outcomes Jillian Clark: Immobilisation, effects upon the skeleton – From empirical approaches to best practice.	13:30 – 15:30 Challenges for the Present – Ballroom 1 Judy Stenmark: the role of a community-based organisation Mark Forwood: Effect of exercise on bone Stephen Lord: Assessing falls risk Graeme Jones: Diet and vitamin d, promoting bone strength Doug Brown: A community-based approach to fracture prevention Linda Ferris :New opportunities in the orthopaedic management of fragility fractures
14:00-15:30		Session 3 - Ballroom 1 <u>Bone Resorption: molecular and clinical aspects</u> Geoffrey Nicholson: Unravelling the complexities of human osteoclast differentiation David Haynes: Molecular interactions in pathological bone loss	Session 7 b – Ballroom 2 <u>Osteoclasts</u> Session 7 c – Colley 1 <u>Vitamin D</u>	
	16:00-19:00 Poster Viewing	Session 4 - Moseley, Hindmarsh and Ballroom 3 <u>Poster Presentations</u> (incl refreshments)	15:00 – 15:30 Refreshments – Ballroom 3	
15:30-18:00		17:15 Merck, Sharp & Dohme Fun Run	15:30-17:00 Session 8 a – Ballroom 1 <u>In Vivo Molecular Mechanisms in Bone</u> Natalie Sims: Estrogen receptors and their specific contributions to bone structure; insights from knockout mice Free oral communications. Session 8 b – Colley 1 <u>Osteoblasts and Bone Formation</u> Free oral communications Session 8 c – Ballroom 2 <u>Bone Mass: Effects of Growth & the Menopause</u> Free oral communications	15.30 MEETING CLOSE
18:00-19:30		Welcome Cocktail Party - Ballroom 3	17:00 – 18:00 ANZBMS ANNUAL GENERAL MEETING Colley 1	
			19.00 - 23.00 Conference Dinner-Sponsored by Merck, Sharpe & Dohme.	

ACKNOWLEDGMENTS

The Australian and New Zealand Bone and Mineral Society gratefully acknowledges the support from the following companies and organisations:

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OSTEOPOROSIS: CHALLENGES AND OPPORTUNITIES DAY

Osteoporosis Australia

Programme Organising Committee

Associate Professor Howard Morris (Chair), A/Prof. Nick Fazzalari, A/Prof. Allan Need, A/Prof. David Findlay, Professor Michael Horowitz, Dr Robert Moore, Professor Les Cleland

Local Organising Committee

Dr Robert Moore (Chair), A/Prof. Nick Fazzalari, A/Prof. Allan Need, A/Prof. David Findlay, A/Prof. Howard Morris

PROGRAMME INFORMATION

Speaker Support Centre is in Room Colley 2

Hours of Opening:

Sunday 6 October	14:00 – 19:00
Monday 7 October	07:00 – 17:30
Tuesday 8 October	07:00 – 17:30
Wednesday 9 October	08:00 – 13:30

Data Projection

PowerPoint presentations must be taken to the Speaker Support Centre **no later than one day before the scheduled Session**. All presentations will be transferred to a master laptop for circulation to Sessions. There will be an operator in each room to ensure the presentation is available as the speaker goes to the lectern. A laser pointer will be provided.

Slide Projection

Facilities are available for the checking of slides. Slides should be loaded into the carousel provided in the Speaker Support Centre **no later than the major break prior to the Session**. Only one slide projector is available for each Session. Slides should be collected from the Speaker Support Centre after the Session.

Posters

Access to the Moseley, Hindmarsh Rooms and Ballroom 3 will be from 1400 on Sunday 6 October and from 0700 on Monday 7 October. The posterboards are numbered and velcro pieces are available at each board. **Posters must be removed no later than 1530 on Tuesday 8 October**. Attended viewing is programmed on Sunday 6 October from 1600 - 1900 and on Monday 7 October from 1530 - 1700.

ANNUAL GENERAL MEETING

The Annual General Meeting of the Australian and New Zealand Bone and Mineral Society will be held in the Colley Room at 1700 on Tuesday 8 October 2002.

GENERAL INFORMATION

Venue

All scientific functions will be on Level 1 at the Stamford Grand. The Stamford Grand is a **non-smoking venue, including all balcony areas**. Participants are requested to refrain from smoking in the conference venue and at all social functions.

Registration Desk

The registration desk will be open at the following times:

Sunday 6 October	14:00 – 18:00
Monday 7 October	07:00 – 17:00
Tuesday 8 October	07:00 – 17:00
Wednesday 9 October	08:00 – 15:00

Car Parking

24-hour parking is available in the Stamford Grand car park. The rate available to delegates attending the conference is \$7.00 per day for day delegates, or \$11.00 per 24 hours for in-house guests, or \$16.50 per vehicle per day, valet parking. The car park is totally automatic therefore delegates will have to go to front desk to pay and validate their tickets at the appropriate rate before exiting the car park. Alternative parking is available in the Council Car Park in Elizabeth Street.

Mobile Phones

Please ensure that all mobile phones **are switched to silent mode** during scientific Sessions.

Refreshments

A continental buffet will be served at the breakfast Sessions in the Colley Room. Morning and afternoon refreshments and lunches will be served in the trade exhibition area.

SOCIAL PROGRAMME

Monday 7 October

Welcome Cocktail Party 18:00 – 19:30

Finger food, beer, wine and soft drinks will be served in Ballroom 3. Entry is free for all full-time registrants. Extra tickets available from the registration desk at a cost of \$40 per person.

Fun Run/Walk 17:15 – 18:30

Sponsored by Merck, Sharp & Dohme with a \$1,000 donation to the Osteogenesis Imperfecta Foundation and \$1,000 to Osteoporosis New Zealand. Entrants should register at the MSD stand. The run will start from the foreshore outside the Stamford Grand at 1715 sharp. Distance: 4 kms - runners and walkers equally welcome!

Tuesday 8 October

Conference Dinner 1900 - 2230 Sponsored by Merck Sharp & Dohme

A marquee will be erected on the foreshore lawns of the Stamford Grand. Pre-dinner drinks will be served from 1900. Guests will be seated at 1930. A three course meal with wine will be served. Entertainment will be by a very popular local group - Catherine Lambert's 'Party On'. Dinner tickets are included in all full-time registrations but not student registrations. Extra tickets are available from the registration desk until 12 noon on Tuesday 7 October at a cost of \$104.50 per person. Dress: Smart Casual

EXHIBITION

List of Exhibitors

1. Pharmacia
2. Smith & Nephew
- 2A Mayne Pharma
3. Novartis Pharmaceuticals
4. Eli Lilly
6. Aventis Pharma
8. Mission Pharmacal
9. GE Lunar/Medtel
10. Merck, Sharp & Dohme

The contribution of our sponsors and exhibitors is vital to the viability of the Society. Please take the time to visit the booths and speak with company representatives.

SCIENTIFIC PROGRAMME

SUNDAY 6TH OCTOBER

VENUE: STAMFORD GRAND HOTEL, ADELAIDE

- 14:00–18:00 Registration
- 16:00-19:00 Poster viewing
Moseley, Hindmarsh and Ballroom 3

MONDAY 7TH OCTOBER

VENUE: STAMFORD GRAND HOTEL, ADELAIDE

- 07:00-08:15 **MEET THE PROFESSOR BREAKFAST SESSION**
Colley 1
Steven Goldring
- 08:30 Welcome
- 08:35-10:00 **SESSION 1**
Plenary 1 Ballroom 1
Chairpersons: Michael Hooper and Graeme Jones
- 08:35-09:30 IP1 LESSONS FROM FRACTURE PREVENTION TRIALS
Steven Cummings
- 09:30-09:45 O1 FEMORAL NECK BONE LOSS PREDICTS RISK OF HIP FRACTURE IN ELDERLY WOMEN
TV Nguyen, JR Center, JA Eisman
- 09:45-10:00 O2 HORMONE REPLACEMENT THERAPY AND NON-VERTEBRAL FRACTURE RISK: GEELONG OSTEOPOROSIS STUDY
JA Pasco, MJ Henry, KM Sanders, E Seeman, GC Nicholson, MA Kotowicz
- 10:00 – 10:30 Refreshments
Ballroom 3
- 10:30-12:00 **SESSION 2**
Ballroom 1
ANZBMS Young Investigator Presentations
Chairpersons: Natalie Sims and David Findlay
- 10:30-10:45 O3 A DELETION IN THE GENE ENCODING OPG CAUSES AN IDIOPATHIC HYPERPHOSPHATASIA PHENOTYPE
C Middleton-Hardie, D Naot, M Hegde, B Chong, T Banovic, K Callon, D Love, I Reid, J Cornish, T Cundy
- 10:45-11:00 O4 SINGLE BASE-PAIR DELETION OF GENE ENCODING *SEQUESTOSOME 1 (SGSTM/P62)* IN PAGET'S DISEASE OF BONE
DA Good, F Busfield, D Duffy, J Kesting, JTE Shaw
- 11:00-11:15 O5 1,25 DIHYDROXYVITAMIN D CONTRIBUTES TO PHOTO-PROTECTION IN SKIN CELLS
R Gupta, GM Halliday, RS Mason

- 11:15-11:30 O6 TRUNCATION MUTANTS OF RANKL INHIBIT RANKL-INDUCED OSTEOCLAST DIFFERENTIATION AND ACTIVATION
C Wang, M-H Zheng, JW-Y Tan, J-M Li, J Cornish, J Xu
- 11:30-11:45 O7 EFFECTS OF MILK SUPPLEMENTATION ON BONE MINERAL ACCRETION AND BIO-MARKERS OF BONE TURNOVER IN CHINESE ADOLESCENT GIRLS
K Zhu, H Greenfield, C Cowell, X Du, D Fraser
- 11:45-12:00 O8 REGULATION OF *FGF23* EXPRESSION IN BONE CELLS
M Mirams, BG Robinson, RS Mason, AE Nelson
- 12:00 – 14:00 Lunch and Trade Exhibition
Ballroom 3**
- 12:45 – 13:45 ELI LILLY SYMPOSIUM
Ballroom 1**
- IP2 PARATHYROID HORMONE: A NEW HORIZON IN THE THERAPY OF OSTEOPOROSIS
John Bilezikian
- 14:00-15:30 SESSION 3
Ballroom 1
Bone Resorption: Molecular and Clinical Aspects
Chairpersons: Jillian Cornish and Jiake Xu**
- 14:00-14:45 IP3 UNRAVELLING THE COMPLEXITIES OF HUMAN OSTEOCLAST DIFFERENTIATION
Geoffrey Nicholson
- 14:45-15:30 IP4 MOLECULAR INTERACTIONS IN PATHOLOGICAL BONE LOSS
David Haynes
- 15:30-18:00 SESSION 4
Moseley, Hindmarsh and Ballroom 3
Poster Presentations (including afternoon refreshments)**
- P1 EXPRESSION OF DOMINANT-NEGATIVE RAB3D IMPAIRS OSTEOCLAST-MEDIATED BONE RESORPTION
NJ Pavlos, J Xu, SL Teitelbaum, FP Ross, MH Zheng
- P2 ANALYSIS OF THE L-AMINOACID BINDING SITE ON THE CALCIUM-SENSING RECEPTOR BY CHIMERIC RECEPTORS
H-C Mun, A Franks, AD Conigrave
- P3 EXPRESSION AND LOCALIZATION OF EXTRACELLULAR MATRIX METALLOPROTEINASE INDUCER IN GIANT CELL TUMOUR OF BONE
A Si, J Xu, L Huang, D Wood, MH Zheng
- P4 PROTEASE-ACTIVATED RECEPTOR-2 AND MEDIATORS OF OSTEOCLAST DIFFERENTIATION
R Smith, M Ransjö, RN Pike, EJ Mackie

- P5 INVESTIGATION INTO THE PRESENCE OF ANDROGEN RECEPTOR IN OSTEOCLAST-LIKE CELLS AND RAT BONE
AJ Notini, R Davey, J McManus, JD Zajac
- P6 STUDIES ON THE RECEPTORS MEDIATING RESPONSES OF OSTEOBLASTS TO THROMBIN
S-J Song, CN Pagel, MR de Niese, RN Pike, EJ Mackie
- P7 FACTORS ASSOCIATED WITH TOTAL CALCIUM INTAKE IN PREMENOPAUSAL WOMEN: A CROSS-SECTIONAL STUDY
TM Winzenberg, M Riley, S Frendin, B Oldenburg, G Jones
- P8 ALLOSTERIC ACTIVATION OF CALCIUM-SENSING RECEPTOR-STIMULATED MAP-KINASE ACTIVITY BY L-AMINO ACIDS
N Lewis, A Franks, AD Conigrave
- P9 THE NITROGEN-CONTAINING BISPHOSPHONATE, ZOLEDRONIC ACID SENSITISES OSTEOGENIC SARCOMA CELLS TO APO2L/TRAIL-INDUCED CELL DEATH
A Labrinidis, S Bouralexis, S Hay, DM Findlay, A Evdokiou
- P10 AUTOSOMAL DOMINANT HYPOCALCEMIA - A NOVEL ACTIVATING MUTATION (E604K) OF THE CALCIUM-SENSING RECEPTOR
H-C Mun, Y Tan, J Cardinal, A Franks, N Lewis, AD Conigrave
- P11 REGULATION OF TBP-2 GENE EXPRESSION MODULATES OSTEOCLAST DIFFERENTIATION
CJ Aitken, JM Hodge, DE Myers, T Vaughan, NA Morrison, GC Nicholson
- P12 DUAL HIP BMD DISCORDANCE DUE TO OSTEOARTHRITIS
F McGrath, J Freund, N Pocock
- P13 MECHANICAL STRESS REDUCES THE LEVEL OF VITAMIN D-24 HYDROXYLASE INDUCTION IN UMR-106 CELLS
S Iida, M Hatta, T Kikuri, T Hasegawa, T Kawasaki, HA Morris
- P14 ELEVATED OSTEOBLASTIC VITAMIN D RECEPTOR REDUCES OSTEOCLASTIC RESPONSE TO PROLONGED DIETARY CALCIUM RESTRICTION IN TRANSGENIC MOUSE MODEL
PA Baldock, A Sainsbury, N Ueno, M Couzens, RF Enriquez, A Inui, H Herzog, EM Gardiner
- P15 GENDER DIFFERENCES IN VOLUMETRIC BONE DENSITY: A STUDY ON OPPOSITE-SEX TWINS
V Naganathan, P Sambrook
- P16 EFFECT OF FIBROBLAST GROWTH FACTOR-8a (FGF-8a) ON OSTEOBLAST AND OSTEOCLAST PROLIFERATION, DIFFERENTIATION AND FUNCTION
J-M Lin, KE Callon, U Bava, J-S Lin, CR Green, IR Reid, J Cornish
- P17 CLINICALLY DETECTED KYPHOSIS AS A PREDICTOR OF VERTEBRAL FRACTURE IN ELDERLY WOMEN
RL Prince, A Devine, SS Dhaliwal, IM Dick, P-K Loh, D Bruce, K Lindsey

- P18 BONE STRUCTURE IN DAUGHTERS OF WOMEN WITH HIP FRACTURE
S Filardi, Y Duan, TJ Beck, MRJ Djoumessi, J Edmonds, E Seeman
- P19 MELATONIN PROMOTES BONE FORMATION IN THE CULTURE OF OSTEOBLASTS ISOLATED FROM AGED RATS
H Ide, K Ishibashi, M Kiriu, S Mizuochi, H Kaneki
- P20 MODULATORY ROLE OF NITRIC OXIDE ON FACTORS INVOLVED IN FRACTURE HEALING
W Zhu, A Mariotti, GAC Murrell, AD Diwan
- P21 FUNCTIONAL ANALYSIS OF CALCIUM-SENSING RECEPTOR MUTATIONS BY AEQUORIN LUMINESCENCE AND MAP KINASE-LUCIFERASE
A Franks, N Lewis, L Harris, R Clifton-Bligh, H-C Mun, AD Conigrave
- P22 GENETIC DETERMINATION OF BONE MINERAL DENSITY: EVIDENCE FOR A MAJOR GENE HYPOTHESIS
TV Nguyen, G Livshits, JR Center, K Yakovenko, JA Eisman
- P23 DXA AFTER WRIST FRACTURE - IS IT COST EFFECTIVE?
NL Gilchrist
- P24 CALCITONIN DECREASES THE ADHERENCE AND SURVIVAL OF HEK-293 CELLS BY A CASPASE-INDEPENDENT MECHANISM
DM Findlay, S Hay, LJ Raggatt, S Bouralexis, A Evdokiou
- P25 REGIONAL DIFFERENCES IN VERTEBRAL BODY CORTICAL BONE
QA Fogg, EK Simpson, NL Fazzalari
- P26 EXPRESSION OF FGF23 BY A TUMOUR AND BY CULTURED TUMOUR CELLS FROM AN ONCOGENIC OSTEOMALACIA PATIENT
AE Nelson, M Mirams, P Clifton Bligh, R Clifton Bligh, S Ruff, P Stalley, A Au, BG Robinson, RS Mason
- P27 EFFECTS OF ANTIRESORPTIVE TREATMENT THERAPIES ON BONE STRUCTURE IN THE RAT
AJ Moore, RJ Moore, AG Need, PD O'Loughlin, HA Morris
- P28 LACTOFERRIN: A NOVEL ANABOLIC FACTOR IN BONE – AN IN VITRO AND IN VIVO STUDY
T Banovic, KE Callon, U Bava, M Watson, Q Chen, KP Palmano, N Haggarty, A Grey, IR Reid, J Cornish
- P29 'WHO' GUIDELINES ARE INSENSITIVE: GEELONG OSTEOPOROSIS STUDY
KM Sanders, E Seeman, MJ Henry, MA Kotowicz, JA Pasco, GC Nicholson
- P30 OSTEOPOROSIS AWARENESS IN GENERAL PRACTISE: ARE PATIENTS ADEQUATELY MANAGED?
T Diamond, M Lindenberg

- P31 SECONDARY PREVENTION IN THE MANAGEMENT OF OSTEOPOROTIC FRACTURE
TA Myers, NK Briffa
- P32 LOW CALCIUM ABSORPTION IN POSTMENOPAUSAL WOMEN IS ASSOCIATED WITH VERTEBRAL RATHER THAN PERIPHERAL FRACTURES
BEC Nordin, PD O'Loughlin, AG Need
- P33 AGE-DEPENDENT VARIATION IN GENETIC-ENVIRONMENTAL DETERMINANTS OF THE ASSOCIATION BETWEEN LEAN MASS AND BONE DENSITY
JD Wark, L Paton, C Nowson, JL Hopper
- P34 DETERMINANTS OF FEAR OF FALLING AT 3 YEARS IN ELDERLY WOMEN: EFFECTS OF INCIDENT FRACTURE
NA Quinn, A Devine, SS Dhaliwal, IM Dick, RL Prince
- P35 REFERENCE RANGE DATA FOR ADOLESCENT GIRLS
SS Dhaliwal, JM Turner, DA Forbes, RL Prince
- P36 VALIDATING THE OSTEOPOROSIS SELF-ASSESSMENT TOOL (OST) IN NEW ZEALAND
SS Sen, O Geling, PD Ross, I Reid
- P37 MEASUREMENT OF PHALANGEAL BONE DENSITY USING DIGITAL RADIOGRAPHIC ABSORPTIOMETRY
G Phillipov, CJ Seaborn, EC Bowen, PJ Phillips
- P38 HOW MANY CHILDREN REPORT NO BONE FRACTURES THROUGHOUT GROWTH? A STUDY OF 600 SUBJECTS STUDIED AT REGULAR INTERVALS BETWEEN BIRTH AND 18 YEARS OF AGE
IE Jones, SM Williams, N Dow, A Goulding
- P39 PARITY, LACTATION, HIP BONE MINERAL DENSITY AND GEOMETRY IN SRI LANKAN WOMEN
S Lekamwasam
- P40 DETERMINANTS OF LONGITUDINAL CHANGE IN BONE MASS IN ELDERLY WOMEN - A TWIN STUDY
C Pease, L Paton, C Nowson, L Flicker, J Wark
- P41 MONITORING THE RESPONSE TO ALENDRONATE IN THE PROXIMAL FEMUR
S Kalnins, J Freund, N Pocock
- P42 THE RELIABILITY OF DXA, AT THE INDIVIDUAL LEVEL, IN ASSESSING SIGNIFICANT BONE DENSITY CHANGE
G Phillipov, CJ Seaborn
- P43 LIFESTYLE DETERMINANTS OF BONE MASS, SIZE, AND BENDING STRENGTH IN OLDER MEN
M Brown, R Daly, S Bass, C Nowson, E Briganti
- P44 HIP FRACTURE PATIENTS: DO OSTEOPOROSIS MANAGEMENT PROTOCOLS AND AVAILABILITY OF BONE DENSITY MEASUREMENT CHANGE PRESCRIBING PRACTICE?
AI Sidwell, HC Hanger, TJ Wilkinson, NL Gilchrist

- P45 A CORE TEST BATTERY FOR THE PREDICTION OF FUTURE HIP FRACTURES IN WOMEN: REFINING THE ASSESSMENT OF BALANCE AND OTHER RELATED MEASURES
N El Haber, K Hill, A-M Cassano, R McInnes, JL Hopper, JD Wark
- P46 BONE DENSITY AS A PREDICTOR OF OSTEOPOROTIC FRACTURE
RL Prince, RI Price, RW Retallack, M Walters, NK Briffa, JM Sikorski, J Senior, D Kerr, S Henzell, GN Kent, S Dhaliwal
- P47 ARE POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS BEING TREATED?
S Korn, JA Pasco, MJ Henry, GC Nicholson, MA Kotowicz
- P48 PREVALENCE OF COELIAC DISEASE IN OSTEOPOROSIS
KA Benson, CW White, MJ Hooper
- P49 LIMITED UTILITY OF CLINICAL RISK INDICES IN THE IDENTIFICATION OF POSTMENOPAUSAL WOMEN WITH FRACTURE
TV Nguyen, JR Center, JA Eisman
- P50 EFFECTS OF LIFESTYLE ON CHANGES IN BONE MINERAL DENSITY IN YOUNG WOMEN
AL Mein, NK Briffa, SS Dhaliwal, RI Price
- P51 HORMONE REPLACEMENT THERAPY AND SOFT TISSUE COMPOSITION INTERACTIVELY INFLUENCE BONE MINERAL DENSITY IN FEMALE TWINS
M Wong, C Margerison, L Paton, C Nowson, G Byrnes, L Lan, S Kantor, B Kaymakci, JD Wark
- P52 FOREARM BONE SIZE AND WRIST FRACTURES: GEELONG OSTEOPOROSIS STUDY
MJ Henry, JA Pasco, GC Nicholson, KM Sanders, E Seeman, MA Kotowicz
- P53 SELF-REPORTED TOOTH LOSS AND BONE MINERAL DENSITY AMONG ASIAN WOMEN
S Lekamwasam, RSJ Lenora
- P54 COST-EFFECTIVENESS OF ALENDRONATE FOR THE TREATMENT OF PATIENTS WITH LOW BMD AND NO PRIOR FRACTURE IN AUSTRALIA
J Defina, SJ Crowley, A Dalton, SS Sen
- P55 COMPARISON OF LUNAR DPX-L AND PRODIGY DUAL X-RAY ABSORPTIOMETRY MACHINES
L Robinson, M Hooper, B White, C White
- P56 THE RELATIONSHIP BETWEEN BODY COMPOSITION AND BONE MASS IN FEMALES ADOLESCENTS WITH ANOREXIC NERVOSA
K Harrigan, DA Kerr, J Turner, B McDermott, D Forbes
- P57 FEMORAL NECK GEOMETRY AND HIP FRACTURE RISK: GEELONG OSTEOPOROSIS STUDY
S El-Kaissi, JA Pasco, MJ Henry, S Panahi, JG Nicholson, GC Nicholson, E Seeman, MA Kotowicz

- P58 THE EFFECT OF VARYING TISSUE COMPOSITION ON BMD MEASUREMENTS
K Hughes, CG Schultz, BEC Chatterton
- P59 EFFECT OF VARYING TISSUE COMPOSITION IN A PHANTOM ON LUMBAR SPINE BMD MEASUREMENTS: A COMPARISON BETWEEN TWO PENCIL BEAM DENSITOMETERS
K Hughes, CG Schultz
- P60 COMBINED USE OF HORMONE REPLACEMENT THERAPY AND CALCITONIN IN POSTMENOPAUSAL WOMEN WITH BONE MASS LOSS
A Bazarra, A Castro, M Suarez
- P61 THE OSTEODYSTROPHY OF MUCOLIPIDOSIS TYPE 3
C Robinson, N Baker, J Noble, A King, D Sillence, G David, P Hofman, T Cundy
- P62 BONE MINERAL DENSITY AND FRACTURE EFFECTS OF THE TGF-beta T869 AND CYP19 TTTA VNTR POLYMORPHISMS PREDICT BONE DENSITY AND FRACTURE
IM Dick, A Devine, SS Dhaliwal, S Li, RL Prince
- P63 ROLE OF THE AROMATASE GENE (CYP19) IN MALE BONE MINERAL DENSITY DETERMINATION
JA Ellis, SB Harrap, PR Ebeling
- P64 ANDROGEN RECEPTOR CAG REPEAT POLYMORPHISM AND BONE MASS IN FEMALES AGED 8-17 YEARS
L Paton, C Nowson, J Zajac, JD Wark
- P65 XBAI POLYMORPHISMS OF THE ESTROGEN RECEPTOR GENE AND BONE MINERAL DENSITY AND BMI IN BEIJING HAN WOMEN
X Yan, LD Qian
- P66 MARKERS OF BONE TURNOVER ARE NOT PREDICTIVE OF BONE METASTASES IN BREAST CANCER PATIENTS
MJ Seibel, M Koeller, I Diel
- P67 VITAMIN D DEFICIENCY AMONG HIP FRACTURE PATIENTS ADMITTED FOR REHABILITATION
RP Crone, JA Pasco, MJ Henry, KM Sanders, GC Nicholson, MA Kotowicz
- P68 25-HYDROXYVITAMIN D AND PARATHYROID HORMONE LEVELS IN YOUNG FEMALE TWINS AGED 10 TO 16 YEARS OF AGE
LM Paton, C Nowson, JD Wark
- P69 IS THERE A GENDER DIFFERENCE IN FOOD INDUCED CHANGES IN SERUM C-TELOPEPTIDES?
JH Green, CL Booth, RL Bunning
- P70 THE EFFECTS OF PROPENTOFYLLINE ON BONE IN OVARECTOMIZED RATS: A PILOT STUDY
M Kaypakkaya, JA Schuijers, BL Grills

- P71 GALANIN CONCENTRATIONS AND LOCALIZATION IN NORMAL AND FRACTURED BONE IN THE RAT SUGGEST A ROLE FOR THE PEPTIDE IN SKELETAL METABOLISM
AC McDonald, JA Schuijers, M Yao, P-J Shen, AL Gundlach, BL Grills
- P72 THE VALUE OF BONE MINERAL DENSITY AND BIOCHEMICAL MARKERS FOR BONE TURNOVER IN THE FEMALE OVARIECTOMISED RAT
G Collett, MC Kruger
- P73 CALCIUM BIOAVAILABILITY FROM SKIM MILK FORTIFIED WITH CALCIUM CARBONATE OR MILK CALCIUM
MC Kruger, B Gallaher, LM Schollum
- P74 MICROARRAY ANALYSIS OF RANKL STIMULATED OSTEOCLASTOGENESIS
CJ Day, T Vaughan, MS Kim, CJ Aitken, DE Myers, WE Simcock, GC Nicholson, NA Morrison
- P75 A NOVEL POTENT DOMINANT NEGATIVE MUTANT OF THE CALCIUM-SENSING RECEPTOR
N Lewis, R Clifton-Bligh, A Franks, AD Conigrave
- P76 NOVEL GROWTH FACTOR COMPLEX STIMULATES OSTEOBLAST PROLIFERATION
CJ Wilson, Z Upton, JH Evans, GJ Pettet, RE Clegg, MJ Percy, DI Leavesley
- P77 THE EXPRESSION AND DISTRIBUTION OF DRM/GREMLIN IN RAT EMBRYO
S Mizuochi, S Kobayashi, M Shiga, H Takabayashi, H Kaneki, H Ide
- P78 AGE-RELATED CHANGES IN THE EFFECT OF ALUMINIUM ON BONE FORMATION
H Kaneki, M Kurokawa, K Ishibashi, M Kiriu, S Mizuochi, H Ide
- P79 PQCT DIAPHYSEAL BONE CHANGES ASSOCIATED WITH TRAINING EXERCISE IN THOROUGHBRED HORSES
EC Firth, CW Rogers, TL Faram
- P80 PHBV AS A BONE SUBSTITUTE IMPLANT
R Jackson, B Kenny, I Cassady, L Grøndahl, M Trau, V Nurcombe, S Cool
- P81 QUANTITATIVE ULTRASOUND DOES NOT PREDICT MECHANICAL DAMAGE IN BOVINE CANCELLOUS BONE
TT Duong, RI Price, P Davey, R Day, E Schwarz, KP Singer
- P82 VERTEBRAL BODY BONE ARCHITECTURE MEASUREMENT USING 3D ANAGLYPHS
PS Smith, NL Fazzalari, IH Parkinson
- P83 AGE-RELATED DIMORPHISM IN STRUCTURAL COMPLEXITY OF CANCELLOUS BONE
IH Parkinson, NL Fazzalari
- P84 BILATERAL SYMMETRY OF THE HUMAN METACARPAL: THE VALIDITY OF MATCHED PAIRING FOR BIOMECHANICAL ASSESSMENT
DS Barker, C Schultz, J Krishnan, TC Hearn

- P85 ENHANCED RADIOGRAPHY OF THE SKELETONS AND TEETH OF AUSTRALIAN ANIMALS USING PHASE-CONTRAST X-RAY IMAGING (PCI)
SL O'Connell, J Courtney, JG Clement
- P86 THE EFFECT OF TERG-A-ZYME ON THE BREAKING STRENGTH OF BONE
RA Irlicht, SL O'Connell, CDL Thomas, JG Clement
- P87 A SYSTEM AND MODEL FOR CELL-FRIENDLY BONE GRAFT TOOLING DEVELOPMENT
IA Anderson, DJ Heinrich, AA MacDiarmid, S Malak, GD Whyte
- P88 DIVERSITY AND NOMENCLATURE OF VERTEBRATE EXOSTOSES
WA Rankin, DG Campbell, MJ Tyler
- P89 THE MODELLING OF BENDING DEFORMATIONS AND STRESSES IN THE HUMAN FEMORAL MID-SHAFT, TAKING ACCOUNT OF POROSITY DISTRIBUTION
DC Stouffer, CDL Thomas, JF Williams, JG Clement
- P90 OVER-EXPRESSION OF NATIVE OPG BY BREAST CANCER CELLS ENHANCES TUMOR GROWTH IN BONE.
J.L. Fisher¹, R.J. Thomas¹, J. Elliott¹, C.R. Dunstan², P.F.M. Choong³, T.J. Martin¹, M.T. Gillespie¹

17:15 **Merck, Sharp & Dohme Fun Run**
Start from Back Door Stamford Grand Foyer (Beachside)

18:30-20:00 **Welcome Cocktail Party**
Ballroom 3

TUESDAY 8th OCTOBER
VENUE: STAMFORD GRAND HOTEL, ADELAIDE

07:00-08:15 **Meet the Professor Breakfast Session**
Colley 1
Steven Cummings

08:30-10:00 **SESSION 5**
Plenary 2 Ballroom 1
Chairpersons: Howard Morris and Terry Diamond

08:30-09:30 IP5 CELLULAR AND MOLECULAR MECHANISMS OF BONE LOSS IN RHEUMATOID ARTHRITIS: RELATIONSHIP TO PHYSIOLOGIC BONE RESORPTION
Steven Goldring

09:30-09:45 O9 ENDOGENOUS ESTROGEN PREDICTS INCIDENT FRACTURE IN ELDERLY WOMEN
A Devine, SS Dhaliwal, IM Dick, A Marangou, RL Prince

09:45-10:00 O10 SERUM VITAMIN D AND FALLS IN OLDER WOMEN IN RESIDENTIAL CARE IN AUSTRALIA

L Flicker, K Mead, R MacInnis, S Warren, C Nowson, S Scherer, MS Stein, J Thomas, JL Hopper, JD Wark

10:00 – 10:30

**Refreshments
Ballroom 3**

10:30-12:00

CONCURRENT SESSIONS 6

SESSION 6 a

Ballroom 1

New Therapies for Bone Disease

Chairpersons: Paul Baldock and Tim Cundy

- 10:30-11:00 IP6 THE ROLE OF FGF AND FGFR IN THE CONTROL OF OSTEOBLAST PHENOTYPE
Simon Cool
- 11:00-11:15 O11 THE NOVEL HORMONE, PREPTIN, IS ANOTHER BONE-ACTIVE PRODUCT OF THE PANCREATIC β -CELL
J Cornish, KE Callon, U Bava, AB Grey, X Xu, CM Buchanan, GJS Cooper, IR Reid
- 11:15-11:30 O12 MANAGEMENT OF ACUTE OSTEOPOROTIC VERTEBRAL FRACTURES: A NON-RANDOMISED TRIAL COMPARING PERCUTANEOUS VERTEBROPLASTY TO CONSERVATIVE THERAPY
T Diamond, B Champion, WA Clark
- 11:30-11:45 O13 ZOLEDRONIC ACID IMPROVES FEMORAL HEAD SPHERICITY IN A RAT MODEL OF PERTHES DISEASE
IT Sharpe, PR Williams, A McEvoy, MM McDonald, RA Peat, DG Little
- 11:45-12:00 O14 CARBOHYDRATE BINDING SPECIFICITY OF OSTEOCLAST INHIBITORY LECTIN
C Gange, V Kartsogiannis, H Zhou, J Quinn, M Gillespie, KW Ng

SESSION 6 b

Colley 1

Bone Histomorphometry

Chairpersons: Nick Fazzalari and Ian Dick

- 10:30-11:00 IP7 BONE HISTOMORPHOMETRY: UNFOLDING TISSUE LEVEL SECRETS ESSENTIAL IN SKELETAL PHYSIOLOGY AND DISORDERS
Nick Fazzalari
- 11:00-11:30 IP8 A HISTOPATHOLOGIST'S EXPERIENCE AND PRACTICE IN THE USE OF BONE HISTOMORPHOMETRY
Alan King
- 11:30-12:00 IP9 PHASE-CONTRAST X-RAY IMAGING OF BONE Damian Myers

SESSION 6 c

Ballroom 2

Bone Densitometry and Falls

Chairpersons: Allan Need and Markus Seibel

- 10:30-10:45 O15 MANUFACTURER DISCORDANCE IN LUMBAR SPINE T SCORES
N Pocock, J Freund, S Kalnins, K McMahon
- 10:45-11:00 O16 RACIAL, BUT NOT SEX, DIFFERENCES IN VERTEBRAL BODY VOLUMETRIC BONE MINERAL DENSITY IN ASIAN AND CAUCASIAN WOMEN AND MEN
Y Duan, XF Wang, S Filardi, CH Turner, MRZ Djoumessi, E Seeman
- 11:00-11:15 O17 MORTALITY ASSOCIATED WITH PRIMARY HYPERPARATHYROIDISM
P Clifton-Bligh, L Nery, T Reeve, L Delbridge, J Stiel, A McElduff, E Wilmshurst, B Robinson, G Fulcher, S Posen
- 11:15-11:30 O18 SUBJECTS WITH TYPE II DIABETES HAVE HIGHER BONE MASS BUT NORMAL FRACTURE RISK COMPARED WITH NON-DIABETIC CONTROLS
A Marangou, A Devine, SS Dhaliwal, IM Dick, RL Prince
- 11:30-11:45 O19 GENETIC AND ENVIRONMENTAL VARIATION IN BALANCE AND GAIT PERFORMANCE: A TWIN STUDY
N El Haber, K Hill, A-M Cassano, R McInnis, K Bennell, JL Hopper, JD Wark
- 11:45-12:00 O20 DIFFERING RISK FACTORS FOR FALLS IN OLDER PEOPLE LIVING IN HOSTEL AND NURSING HOME CARE WHO CAN AND CANNOT STAND
SR Lord, LM March, ID Cameron, RG Cumming, J Schwarz, C Chen, YY Sitoh, TC Lau, J Zochling, J Makeroff, PN Sambrook
- 12:00 –13:30 Lunch and Trade Exhibition
Ballroom 3**
- 13:30 –15:00 CONCURRENT SESSIONS 7**
- SESSION 7 a
Ballroom 1
Exercise and immobilisation: effects on the skeleton
Chairpersons: Kerrie Sanders and Mark Forwood**
- 13:30-14:15 IP10 LINKING THE CELLULAR AND TISSUE RESPONSES OF MECHANICAL LOADING TO PRACTICAL OUTCOMES Shona Bass
- 14:15-15:00 IP11 IMMOBILISATION, EFFECTS UPON THE SKELETON – FROM EMPIRICAL APPROACHES TO BEST PRACTICE. Jillian Clark
- SESSION 7 b
Ballroom 2
Osteoclasts
Chairpersons: Matthew Gillespie and Simon Cool**
- 13:30-13:45 O21 PATHOGENESIS OF FOCAL BONE EROSION IN A SERUM TRANSFER MODEL OF ARTHRITIS
AR Pettit, H Ji, K Ohmura, D von Stechow, Y Choi, SR Goldring, C Benoist, EM Gravallesse

- 13:45-14:00 O22 A DIRECT ROLE FOR RANKL EXPRESSION BY HUMAN MYELOMA PLASMA CELLS IN THE OSTEOLYSIS ASSOCIATED WITH MULTIPLE MYELOMA
AN Farrugia, GJ Atkins, BQ Pan, LB To, PN Kostakis, P Bardy, N Horvath, DM Findlay, ACW Zannettino
- 14:00-14:15 O23 GM-CSF INHIBITS OSTEOCLASTOGENESIS AND PROMOTES DENDRITIC CELL DIFFERENTIATION FROM HUMAN CFU-GM
JM Hodge, MA Kirkland, CJ Aitken, DE Myers, GC Nicholson
- 14:15-14:30 O24 AN INVERSE RELATIONSHIP BETWEEN THE OSTEOGENIC AND OSTEOCLASTOGENIC PHENOTYPE IN HUMAN OSTEOBLASTS
GJ Atkins, ACW Zannettino, P Kostakis, B Pan, A Farrugia, A Evdokiou, DM Findlay
- 14:30-14:45 O25 MODULATION OF OSTEOCLASTOGENESIS BY CD4+ CELLS
M Constable, DE Myers, JM Hodge, CA Aitkin, PU Cameron, CM Lopez, B Adams, GC Nicholson
- 14:45-15:00 O26 A NOVEL INTERACTION OF DYNEIN LIGHT CHAIN TCTEX-1 WITH RAB3 AND ITS IMPLICATION IN SMALL G PROTEIN-MEDIATED VESICLE TRANSPORT IN OSTEOCLASTS
J Xu, NJ Pavlos, A Carrello, KM Kroeger, KA Eidne, M-H Zheng

SESSION 7 c

Colley 1

Vitamin D

Chairpersons: Rachel Davey and Rebecca Mason

- 13:30-13:45 O27 VITAMIN D METABOLISM IN THE BONE: DISTINCT REGULATION BY SERUM CALCITONIN AND CALCIUM
PH Anderson, S Iida, P O'Loughlin, B May, H Morris
- 13:45-14:00 O28 THE SYNERGISTIC ACTION OF NEUROPEPTIDE Y Y4 AND Y2 RECEPTORS IN NEUROREGULATION OF BONE MASS
PA Baldock, GP Thomas, K Henderson, JA Eisman, EM Gardiner
- 14:00-14:15 O29: FACTORS ASSOCIATED WITH BONE TURNOVER AND SHORT TERM GROWTH IN ADOLESCENT BOYS
G Jones, K Hynes, F Dalais, V Parameswaran, T Greenaway, T Dwyer
- 14:15-14:30 O30 VITAMIN D INSUFFICIENCY AND CALCIUM ABSORPTION IN POSTMENOPAUSAL WOMEN
AG Need, PD O'Loughlin, HA Morris, M Horowitz, BEC Nordin
- 14:30-14:45 O31 OESTRADIOL SUPPRESSES 1,25 DIHYDROXYVITAMIN D-INDUCTION OF THE CYP24 PROMOTER IN AN OSTEOBLAST CELL LINE
PD O'Loughlin, B Ford, P Dwivedi, B May, HA Morris
- 14:45-15:00 O32 REGULATION OF GENE EXPRESSION BY THE CYP27B1 PROMOTER: A TRANSGENIC MOUSE STUDY
I Hendrix, BK May, HA Morris

- 15:00 – 15:30 Refreshments
Ballroom 3**
- 15:30-17:00 CONCURRENT SESSIONS 8**
- SESSION 8 a
Ballroom 1
In Vivo Molecular Mechanisms in Bone
Chairpersons: Rob Moore and Peter O'Loughlin**
- 15:30-16:00 IP12 ESTROGEN RECEPTORS AND THEIR SPECIFIC CONTRIBUTIONS TO BONE STRUCTURE; INSIGHTS FROM KNOCKOUT MICE
Natalie Sims
- 16:00-16:15 O33 AMYLIN IS REQUIRED FOR THE MAINTENANCE OF BONE IN ADULT MICE
RA Davey, AJ Notini, A Moore, HA Morris, N Honeyman, JD Zajac
- 16:15-16:30 O34: CYCLOOXYGENASE-2 (COX-2) GENE EXPRESSION INCREASES IN RAT TIBIA 2 HOURS AFTER MECHANICAL LOADING IN VIVO
MR Forwood, L Li
- 16:30-16:45 O35: OSTEOPROTEGERIN (OPG) IS LOCALISED TO THE WEIBLE-PALADE BODIES OF HUMAN VASCULAR ENDOTHELIAL CELLS
CA Holding, ACW Zannettino, GJ Atkins, DM Findlay, PN Kostakis, AN Farrugia, T Crotti, LB To, MD Smith, Y Khew-Goodall, J Gamble, DR Haynes
- 16:45-17:00 O36 ALLELES OF RUNX2/CBFA1 GENE ARE ASSOCIATED WITH DIFFERENCES IN BONE MINERAL DENSITY AND RISK OF FRACTURE
T Vaughan, JA Pasco, J Doecke, MA Kotowicz, GC Nicholson, NA Morrison
- SESSION 8 b
Colley 1
Osteoblasts and Bone Formation
Chairpersons: Nigel Morrison and Gerald Atkins**
- 15:30-15:45 O37 IDENTIFYING SURVIVAL FACTORS PRODUCED BY OSTEO-BLASTS IN RESPONSE TO THROMBIN
CN Pagel, S-J Song, MR de Niese, RN Pike, EJ Mackie
- 15:45-16:00 O38 ELEVATED OSTEOBLASTIC VDR EXPRESSION INCREASES WNT-FRIZZLED GENE EXPRESSION AND CORTICAL BONE MASS IN TRANSGENIC MICE
W Zhu, GP Thomas, LE Worton, PA Baldock, JA Eisman, EM Gardiner
- 16:00-16:15 O39 EXTRACELLULAR L-AMINO ACIDS SENSITIZE HUMAN PARA-THYROID CELLS TO CALCIUM IONS
AD Conigrave, L Delbridge
- 16:15-16:30 O40 CHARACTERIZATION OF COLLAGENASE-3 BINDING AND INTERNALIZATION BY RABBIT CHONDROCYTES
LJ Raggatt, I Choudhury, S Williams, NC Partridge

- 16:30-16:45 O41 INTERLEUKIN-11 MESSENGER RNA EXPRESSION AND REGIONAL DISTRIBUTION OF CANCELLOUS BONE MICRODAMAGE IN THE HUMAN PROXIMAL FEMUR
JS Kuliwaba, MR Forwood, DM Findlay, NL Fazzalari
- 16:45-17:00 O42 ZOLEDRONIC ACID MODULATES BONE REPAIR THROUGH TRANSIENTLY DELAYED REMODELLING
EJ Smith, RJ Bugler, RA Peat, A McEvoy, JN Briody, PA Baldock, JA Eisman, DG Little, EM Gardiner
- SESSION 8 c**
Ballroom 2
Bone Mass: Effects of Growth and the Menopause
Chairpersons: Roger Price and Michael Horowitz
- 15:30-15:45 O43 DETERMINANTS OF TRANSMENOPAUSAL BONE LOSS DIFFER ACCORDING TO SKELETAL SITE
K Panyakhamlerd, JR Guthrie, B Erbas, C Poon, L Dennerstein, PR Ebeling
- 15:45-16:00 O44 THE ROLE OF BONE MINERAL DENSITY AND METACARPAL MORPHOMETRY IN CHILDREN WITH UPPER LIMB FRACTURES: A POPULATION-BASED CASE CONTROL STUDY
DQ Ma, G Jones
- 16:00-16:15 O45 DO DIFFERENCES IN NUTRIENT INTAKE PREDICT DIFFERENCES IN BONE MASS AND DIMENSIONS IN BOYS: A CO-TWIN CONTROL STUDY
S Iuliano-Burns, JL Hopper, E Seeman
- 16:15-16:30 O46 RACIAL DIFFERENCES IN HIP FRACTURE RISK ARE ESTABLISHED DURING GROWTH: STRUCTURAL AND BIO-MECHANICAL DETERMINANTS OF STRENGTH AT THE PROXIMAL FEMUR IN ASIANS AND CAUCASIANS
XF Wang, TJ Beck, Y Duan, S Filardi, E Seeman
- 16:30-16:45 O47 OBESE CHILDREN AND ADOLESCENTS HAVE LOW SPINAL BONE MINERAL CONTENT FOR THEIR WEIGHT: A DXA STUDY OF 362 FRACTURE-FREE SUBJECTS
A Goulding, RW Taylor, IE Jones, PJ Manning, SM Williams
- 16:45-17:00 O48 NO EVIDENCE OF AN EXERCISE-CALCIUM INTERACTION AT LOADED SITES: A RANDOMISED CONTROLLED STUDY IN BOYS
S Bass, L Saxon, S Iuliano-Burns, G Naughton, C Nowson, R Daly, E Briganti, C Hume
- 17:00 – 18:00** **ANZBMS ANNUAL GENERAL MEETING**
Ballroom 1
- 19:00 – 23:00** **CONFERENCE DINNER**
Sponsored by Merck, Sharpe & Dohme

WEDNESDAY 9th OCTOBER
VENUE: STAMFORD GRAND HOTEL, ADELAIDE

OSTEOPOROSIS: CHALLENGES AND OPPORTUNITIES

In conjunction with Osteoporosis Australia and the Allied Health Professionals supporting the Bone and Joint Decade.

- 09:00-10:30** **Controlling the Epidemic**
Ballroom 1
Chairpersons: Michael Hooper and Philip Sambrook
- 09:00-09:45 IP13 IMPLEMENTING SECONDARY PREVENTION OF
FRAGILITY FRACTURES: RESPONSIBILITIES AND LOGISTICS:
Les Cleland
- 09:45-10:30 IP14 CLINICAL EFFICACY OF PTH
Richard Prince
- 1030 - 11:00** **Refreshments**
Ballroom 3
- 11:00 – 12:30** **Opportunities for the Future**
Ballroom 1
Chairpersons Ego Seeman and Kathy Briffa
- 11:00-11:25 IP15 HORMONE REPLACEMENT THERAPY
Steven Cummings
- 11:25-11:50 IP16 NEW THERAPIES - MESSAGES FOR CONSUMERS
Steven Goldring
- 11:50-12:15 IP17 REBUILDING BONE, NOT JUST STOPPING THE ROT
John Bilezikian
- Panel Discussion - Facilitator: Ego Seeman
- 12:30 – 13:30** **Lunch**
Ballroom 3
- 13:30 – 15:30** **Challenges for the Present**
Ballroom 1
Chairpersons Les Cleland and Judy Stenmark
- 13:30-13:40 IP18 THE ROLE OF A COMMUNITY-BASED ORGANISATION
Judy Stenmark
- 13:40-13:55 IP19 EFFECT OF EXERCISE ON BONE
Mark Forwood
- 13:55-14:10 IP20 ASSESSING FALLS RISK
Stephen Lord
- 14:10-14:25 IP21 DIET AND VITAMIN D, PROMOTING BONE STRENGTH
Graeme Jones
- 14:25-14:40 IP22 A COMMUNITY-BASED APPROACH TO FRACTURE
PREVENTION
Doug Brown

14:40-14:55 IP23 NEW OPPORTUNITIES IN THE ORTHOPAEDIC
MANAGEMENT OF FRAGILITY FRACTURES
Linda Ferris

15:30 Meeting Close