Saturday, 24 October 2015

*Meet the clinician’ sessions on Saturday 24 October are extra sessions and will commence at 7AM. Breakfast will not be provided but tea & coffee will be available. There is no charge for the extra session but booking is essential.

**Concurrent Meet the Clinician**

1. **Non-respiratory sleep disorders**
   - Chaired by John Swieca
   - Panel discussion
   - 07:15AM – 08:15AM
   - MEETING ROOM 207

2. **Paediatric sleep disorders**
   - Chaired by Margot Davey
   - Panel discussion: Sleepless in Melbourne – practical approaches to common paediatric sleep problems
     - Margot Davey, Harriet Hiscock, Emma Sciberras
   - 07:15AM – 08:15AM
   - MEETING ROOM 204

**Open forum: Sleep apnoea models of care. How to best balance the demand for services with best clinical practice**

- 07:15AM – 08:15AM
- MEETING ROOM 203

**Concurrent Oral Presentations**

**Oral presentation 1: Sleep, affect and cognition: Chicken or egg?**

- Chaired by Dorothy Bruck and Kurt Lushington
- 08:30AM – 10:00AM
- MEETING ROOM 207

08:30am 159 The effect of sleep loss on working memory function in rested and sleep deprived patient with OSA
  - David Stevens, Andrew Vakulin, Hannah Openshaw, Angela D'Rozario, Peter Catcheside, Doug McEvoy, Keith Wong, Ron Grunstein

08:45am 160 Does affective state influence the encoding of emotional pictures during sleep deprivation?
  - V Vien Lee, Christian Nicholas, Amy Jordan, John Trinder, Melinda Jackson

09:00am 161 Attention profiles of younger and older adults during 28 hours of sleep deprivation
  - Anna Scovelle, Sean Drummond, Clare Anderson

09:15am 162 Impulsivity mediates the relationship between sleep disturbance and substance use in young adults
  - Kalina Rossa, Alicia Allani, Jappan Sawhney, Simon Smith

09:30am 163 Disturbances of sleep and dreaming in seasonal affective disorder: Study on general population in latitudes 60° - 66°
  - Nils Sandman, Ilona Merikanto, Katja Valli, Erkki Kronholm, Hanna Määttänen, Tiina Laatikainen, Timo Partonen, Tiina Paunio

09:45am 164 The bi-directional relationship between sleep problems and internalizing and externalizing problems in children with ADHD: a prospective cohort study
  - Melissa Mulraney, Rebecca Giallo, Kate Lycett, Fiona Mensah, Emma Sciberras

**Oral presentation 2: New insights into treatment for OSA**

- Chaired by Kristina Kairaitis and Peter Rochford
- 08:30AM – 10:00AM
- MEETING ROOM 204

08:30am 165 The effect of acupuncture on upper airway physiology in obstructive sleep apnoea
  - Therese Thornton, Fergal O'Donoghue, Peter Rochford, Jennifer Cori, Charlie Xue, John Trinder, Amy Jordan

08:45am 166 The effect of morphine on obstructive sleep apnea- A randomised double-blind placebo-controlled crossover trial
  - Luke Rowsell, Keith Wong, Brendon Yee, Danny Eckert, Ronald Grunstein, David Wang

09:00am 167 Effectiveness of two maintenance diets following a very low energy diet to reduce cardio-metabolic risk in obese sleep apnea patients: a randomised controlled trial
  - Elizabeth Cayanan, Camilla Hoyos, Nathaniel Marshall, Keith Wong, Brendon Yee, Yasmina Djavadkhani, Ronald Grunstein

09:15am 168 Continuous Positive Airway Pressure Acceptance Across The Ages: Lessons from Canberra Hospital PAP
Acclimatisation Registry

Carol Huang, Rosianna Wee

09:30am 169 Oronasal masks require a higher CPAP treatment pressure and have poorer control of obstructive sleep apnoea compared to nasal and nasal pillow masks

Sheetal Deshpande, Simon Joosten, Anthony Turton, Bradley Edwards, Darren Mansfield, Garun Hamilton

09:45am 170 Objective compliance and head position monitoring of mandibular advancement splint therapy for sleep-disordered breathing- a preliminary investigation

Joachim Ngiam

**Oral presentation 3: Respiratory arousal and hypoxia: What these cornerstones tell us**

Chaired by John Wheatley and Amy Jordan

08:30AM – 10:00AM

MEETING ROOM 210

08:30am 171 New insights into the mechanisms of respiratory load-induced arousal: Role of breath timing and respiratory load compensation

Jason Amatoury, Amy Jordan, Andrew Wellman, David White, Danny Eckert

08:45am 172 Day-to-day variability and blunted perception of high nasal resistance in people with tetraplegia and obstructive sleep apnoea

Nirupama Wijesuriya, Chaminda Lewis, Jane Butler, Amy Jordan, David Berlowitz, Danny Eckert

09:00am 173 Respiratory sensation during wakefulness is related to the respiratory arousal threshold during sleep in obstructive sleep apnoea

Jayne Carberry, Lauren Fisher, Sophie Carter, Jane Butler, David McKenzie, Danny Eckert

09:15am 174 Effects of chronic intermittent hypoxia on genioglossus contractile properties and interventive role of adiponectin

Xilong Zhang, Ning Ding

09:30am 175 Single-night multiple-split diagnostic and therapy assessment for type II respiratory failure using positive Airway pressure and supplemental oxygen

Mark Jurisevic, Therese Faulkner, Anil Roy, Igor Nikitins, Brian Smith

09:45am 176 Hypertension is associated with undiagnosed obstructive sleep apnea (OSA) during rapid eye movement (REM) sleep

Sarah Appleton, Andrew Vakulin, Carol Lang, Gary Wittert, Anne Taylor, Doug McEvoy, Nick Antic, Peter Catcheside, Robert Adams

**Oral presentation 4: Paediatric sleep disorders: Clinical insights**

Chaired by Sadasivam Suresh and Harriet Hiscock

08:30AM – 10:00AM

MEETING ROOM 208

08:30am 177 Auto-titrating CPAP as a tool in CPAP initiation for children

Rebecca Mihai, Moya Vandeule, Margot Davey, Gillian Nixon

08:45am 178 Overnight pulse oximetry as a screening tool for SDB in children with spina bifida

Moya Vandeule, Margot Davey, Sabine Hennel, Gillian Nixon

09:00am 179 Allergies and Disease Severity in Childhood Narcolepsy: Preliminary Findings

Secil Aydinoz, Huang Yu-Shu, David Gozal, Clara O. Inocente, Patricia Franco, Leila Kheirandish-Gozal

09:15am 180 Parent knowledge about child sleep: child sleep practices and sleep problems in a hospital population

Philippa McDowell, Angela Campbell, Dawn Elder

09:30am 181 EEG spectral changes associated with spontaneous arousals in NREM sleep in children with upper airway obstruction before and after adenotonsilectomy

Scott Coussens, Alex Chatburn, Melissa Cava, Mathias Baumert, David Saint, Yvonne Pamula, Kurt Lushington, Declan Kennedy, Mark Kohler

09:45am 182 Associations between slow wave activity, cognition and behaviour in children following resolution of sleep disordered breathing

Aidan Weichard, Lisa Walter, Samantha Hollis, Gillian Nixon, Margot Davey, Rosemary Horne, Sarah Biggs
Oral presentation 5: The silent sleep disorders: Insomnia, phase delay and chronic fatigue 08:30AM – 10:00AM

Chaired by Delwyn Bartlett and Melinda Jackson

08:30am 183 The effect of BDNF genotype on Stroop performance during sleep loss
Leilah Grant, Sean Cain, Anne-Marie Chang, Charles Czeisler, Clare Anderson

08:45am 184 Quantitative EEG analysis around sleep onset reveals differences between objectively defined Insomnia groups
Anna Mullins, Delwyn Bartlett, Jong-Won Kim, Nathaniel Marshall, Chris Miller, Chris Gordon, Ronald Grunstein

09:00am 185 The Use of Brief Daytime Naps in the Behavioural Treatment of Chronic Primary Insomnia
Leon Lack, Lucy Graham, Nicole Lovato

09:15am 186 Circadian tau differences in biological, behavioural and sleepiness rhythms in Delayed Sleep-Wake Phase Disorder and Non-24-hour Sleep-Wake Disorder patients
Gorica Micic, Nicole Lovato, Michael Gradisar, Leon Lack

09:30am 187 Sleep and circadian characteristics in Delayed Sleep Phase Disorder patients
Jade Murray, Tracey Sletten, Michelle Magee, Christopher Gordon, Nicole Lovato, Delwyn Bartlett, David Kennaway, Leon Lack, Ronald Grunstein, Steven Lockley, Shantha Rajaratnam

09:45am 188 Sleep difficulties and increased night-to-night variability in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Objective and subjective findings
Catherine Stevens, Dorothy Bruck

Morning Tea & Exhibition 10:00AM – 10:25AM
EXHIBITION – MELBOURNE ROOM 1

Keynote Address 10:25AM – 11:25AM
PLENARY HALL 1

Chaired by Tracey Sletten and Sarah Biggs

10:25am 189 Modulation of higher cognitive functions by sleep and circadian processes
Kenneth Wright

10:55am 190 Insomnia, mood and circadian rhythm – what precedes what?
Delwyn Bartlett

Concurrent Poster Discussion
Poster Session 1 – Paediatric sleep disordered breathing: From screening to treatment 11:30AM – 12:30PM
MEETING ROOM 210

Chaired by Andrew Tai and Chloe Parsley

11:30am 191 Early detection of nocturnal hypoventilation in Duchenne muscular dystrophy
Mary Roberts, Anne-Marie Gibson, John Massie, Andrew Kornberg, Monique Ryan, Sarath Ranganathan, Colin Robertson, Mandie Griffiths

11:36am 192 Delayed brachial artery dilation response and increased resting blood flow velocity in young children with mild upper airway obstruction
Anna Kontos, Declan Kennedy, James Martin, Kurt Lushington, Yvonne Pamula, Jennifer Couper, Mathias Baumert, Scott Willoughby, Roger Gent

11:42am 193 Supporting Invasively ventilated children in the community – What care is enough?
Carol Wood, Kelly Gray, Karen Waters

11:48am 194 Objective measure of adherence to positive airway pressure therapy in an Australian pediatric cohort.
Rita Machaalani, Carla Evans, Karen Waters

11:54am 195 Demographic risk factors for obstructive sleep apnoea in Australian children
Knarik Tamanyan, Lisa Walter, Margot Davey, Gillian Nixon, Rosemary Horne, Sarah Biggs

12:00pm 196 Associations Between Adenotonsillar Hypertrophy, Age and Obesity in Children with Obstructive Sleep Apnea
Manilal Aich, Sharfuddin Mahmud, Rafiul Alam, S M Khorshed Mazumder

12:06pm 197 Nocturnal hypoxia in high altitude native children – incomplete adaptation in children with mixed ancestry.
Romola Bucks, Catherine Hill, Ana Baya, Johanna Gavlak, Annette Carroll, Kate Heathcote, Dagmara Dimitriou, Veline, L’Esperance, Rebecca Webster, John Holloway, Javier Virues-Ortega, Fenella Kirkham, Alexandra Hogan

12:12pm 198 A systematic review of the usefulness of pulse transit time in paediatric sleep studies
Laurelle Smith, Patrick Dawes, Carmen Lobb, Barbara Galland

12:18pm 199 Heart rate variability and sleep in preschool children
Rosemary Horne, Lauren Nisbet, Stephanie Yiallourou, Sarah Biggs, Gillian Nixon, Lisa Walter

12:24pm 200 The effect of preterm birth and fetal growth restriction on heart rate and blood pressure during sleep in children
Stephanie Yiallourou, Euan Wallace, Alexandra Hogan, Aidan Weichard, Samantha Hollis, Rosemary Horne

**Poster Session 2 – Management of OSA: Compliance and other conundrums 11:30AM – 12:30PM**

**MEETING ROOM 204**

*Chaired by Paul Kelly and Alan Young*

11:30am 201 Compliance of first-time patients commencing Continuous Positive Airway Pressure (CPAP) and predictors of long-term therapy compliance.
Helen Gilbert, Amy Tutunkoff

11:36am 202 CPAP compliance in the older adults; does it differ from younger adults?
Helen Hills, Angela Campbell, Andrew Davies, Alister Neill

11:42am 203 The Feasibility of Telemonitoring CPAP adherence in 2015
Julie Tolson, Tom Churchward, Peter Rochford

11:48am 204 Predictors Of Early CPAP Use In OSA Patients; Wait Times, Physician Factors And Initial Therapy Decisions
Nigel Mc Ardle, Melody Wong, Zhi Qin Ng, Priya Ayyar, Kumares Lachman

11:54am 205 Preliminary experience with Remotely Controlled Mandibular Protrusion (RCMP) sleep studies for prediction of Oral Appliance treatment response in an Australian sleep clinic
Kate Sutherland, Joachim Ngiam, Peter Cistulli

12:00pm 206 The management of snoring and obstructive sleep apnoea in Australian primary care: The BEACH study (2000-2014)
Nathan Cross, Christopher Harrison, Brendon Yee, Keith Wong, Ronald Grunstein, Helena Britt, Nathaniel Marshall

12:06pm 207 Effects of oral appliance therapy on the phenotypic causes of obstructive sleep apnoea
Bradley Edwards, Christopher Andara, Scott Sands, Simon Joosten, Shane Landry, Robert Owens, David White, Garun Hamilton, Andrew Wellman

12:12pm 208 Split night sleep studies – do they meet guidelines for technical and clinical outcomes?
Michi Imazu, Angela Campbell, Alister Neill

12:18pm 209 The effect of sleep apnoea severity on neuropsychological function in people with acute quadriplegia and obstructive sleep apnoea
Rachel Schembri, Jo Spong, David Berlowitz, study team COSAQ

12:24pm 210 OSA Patients Susceptible to Decrements in Neurocognitive Function also Demonstrate Reduced Quality of Life
Brett Duce, Craig Hukins

**Poster Session 3 – Sleep well, perform well. Is it that simple in the real world? 11:30AM – 12:30PM**

**MEETING ROOM 207**

*Chaired by Leon Lack and Tracey Sletten*

11:30am 211 Development of a caffeine intake questionnaire
Emily Watson, Alison Coates, Siobhan Banks, Lee Priestley, Mark Kohler

11:36am 212 It’s not whether you win or lose, but when you play the game: The impact of night-time competition on sleep in professional athletes
Charli Sargent, Gregory Roach

11:42am 213 Ocular motor measures of attention reveal specific signatures of attention failure following sleep restriction and alcohol consumption

Program subject to change without notice_2015_09_09 V3
Saturday, 24 October 2015

Jessica Manousakis, James Lee, Joanne Fielding, Clare Anderson
11:48am 214 A systematic review of the effect of working on-call at home on sleep and stress physiology.
Sarah J Hall, Sally A Ferguson, Anne I Turner, Sam Robertson, Brad Aisbett

11:54am 215 Dietary pattern and sleep: cross-sectional associations in a cohort of community Australian dwelling men
Yingting Cao, Gary Wittert, Anne Taylor, Zumin Shi

12:00pm 216 Does napping on the night shift impact daytime recovery sleep?
Stephanie Centofanti, Jillian Dorrian, Cassie Hilditch, Hans PA Van Dongen, Siobhan Banks

12:06pm 217 Effect of a 10-minute nap at the end of a night shift on performance on the drive home
Cassie Hilditch, Stephanie Centofanti, Jillian Dorrian, Hans Van Dongen, Siobhan Banks

12:12pm 218 Is it on or off? Examining patterns of quiescence in wrist actigraphy data for the purpose of determining participant compliance in field-based sleep research
Anastasi Kosmadopoulos, David Darwent, Charli Sargent, Xuan Zhou, Raymond Matthews, Drew Dawson, Gregory Roach

12:18pm 219 Beyond the mean: A systematic review on the correlates of daily intraindividual variability of sleep/wake patterns
Bei Bei, Joshua Wiley, John Trinder, Rachel Manber

Poster Session 4 – Behaviours that affect sleep health – drugs to Mindfulness
11:30AM – 12:30PM
MEETING ROOM 203
Chaired by David Wang and Mark Kohler

11:30am 221 Interactive Effects of Tobacco Withdrawal and Sleep Deprivation on Psychomotor Speed
David Munro, Robert Hester, John Trinder, Christian Nicholas

11:36am 222 Sleep problems and psychological distress are associated with dependence on caffeine and nicotine
Rowan Ogeil, James Phillips

11:42am 223 High rates of polypharmacy in a sleep lab population: a retrospective hospital audit
Vanessa Coe, Brian Smith, Kristin Carson

11:48am 224 Sedatives and Safety: A Matter of Risk Perception and Communication between Pharmacists and Patients
Janet Cheung, Mariam Odisho, Ibrahim Jomaa, Keith Wong, Bandana Saini

11:54am 225 Prevalence of sedative/hypnotic use in Australian older adults and people with dementia
Alicia Allan, Simon Smith, Lisa Nissen, Alesha Smith

12:00pm 226 The effects of mindfulness-based stress reduction on symptoms of restless legs syndrome and Psychological well-being: A single arm pilot study
David Cunnington, Vicky Bablas, Keong Yap, John Swieca, Kenneth Greenwood

12:06pm 227 Sleep Health Behaviours and Practices and their Impact on Sleep Quality Among an Online Insomnia Patient Population
Janet M.Y. Cheung, Rashmi Moghe, Nathaniel S. Marshall, Kylie A. Williams, Bandana Saini

12:12pm 228 The therapeutic effect of cognitive-behaviour therapy for older adults suffering from insomnia with short objective sleep duration: A randomized controlled trial
Nicole Lovato, Leon Lack

12:18pm 229 Multi-night EEG recording during sleep can provide important information in managing insomnia
Danielle Kelly, Hailey Meaklim, John Swieca, David Cunnington

12:24pm 230 Mindfulness-Based Therapy for Insomnia Produces Sustained Reductions in Insomnia Severity
Allie Peters, John Reece, David Cunnington, Moira Junge, Jason Ong

Poster Session 5 – Advanced Trainees
11:30AM – 12:30PM
MEETING ROOM 208
Chaired by Doug McEvoy and Kirk Kee

11:30am 231 Comparison of the oxygen desaturation index (ODI) generated by the ApneaLink portable device and Compumedics laboratory sleep study system
Yvonne Ng, Simon Joosten, Bradley Edwards, Anthony Turton, Helen Romios, Thilini Samarasinghe, Darren Mansfield, Garun Hamilton
11:36am 232 Understanding respiratory compromise on the first post-operative night after paediatric adenotonsillectomy- the contribution of downloadable oximetry recordings
  Katharine Jamieson, Gillian Nixon, Margot Davey

11:42am 233 Spectrum of Sleep Disordered Breathing in Joubert Syndrome
  Saiikiran Gopalakaje, Chetan Pandit, Chris Seton, Dominic Fitzgerald, Karen Waters

11:48am 234 Prevalence of sleep disturbances in Vietnam veterans (VV) with and without Post-traumatic Stress Disorder (PTSD)
  Dayna Law, Robyn O'Sullivan, Wendy Harvey, Sarah McLeay

11:54am 235 Treatment Failure of Continuous Positive Airway Pressure in the Management of Obstructive Sleep Apnoea: A Five Year Retrospective Audit from a Large Metropolitan South Australian Hospital
  Michelle X Z Wong, Emily Hopkins, Aeneas Yeo

12:00pm 236 Melatonin in children with nocturnal enuresis: An exploratory study
  Patrina Caldwell, Bernadette Prentice, Karen Waters

12:06pm 237 Periodic leg movements disorder effects on neurocognitive function
  Rajiv Sharma, Brett Duce, Joseph Curthon, Craig Hukins

12:12pm 238 The role and clinical utility of ward-based respiratory failure units: Experience and outcomes from three Australian Units.
  Jane Mullins, Bhajan Singh, Michelle Murphy, Craig Hukins, James Douglas, George Tay

12:18pm 239 Awake supine oximetry as a screening tool for severe sleep disordered breathing and hypoventilation in the super-obese
  Adelle Jee, Subash Srikantha, Saurabh Gupta, Peter R Buchanan, Peter W Collett, Frances Garden, Guy B Marks, Hima Vedam

12:24pm 240 Domiciliary non-invasive ventilation post lung transplantation
  Sakhee Kotecha, Catherine Buchan, Kerry Parker, Jo Toghill, Belinda Miller, Matthew Naughton, Eli Dabscheck

Poster Viewing

Chronobiology/Insomnia and Sleep Health/OHS 12:30PM – 01:15PM
  MELBOURNE ROOM 2

241 Chronotherapy in practice- From the perspective of the community pharmacist.
  Gagandeep Kaur, Yuh-Lin Gan, Craig Phillips, Keith Wong, Bandana Saini

242 Developing a sleep requirement calculator for children
  Scott Coussens, Tim Olds, Michelle Short, Lisa Anne Matricciani, Gabrielle Anne Rigney, Barbara Galland, Sarah Lee Blunden

243 Lost in translation? The role of chronic sleep dysfunction in schizophrenia and related disorders
  Flavie Waters

244 Does intentional weight-loss improve excessive daytime sleepiness? – A systematic review and meta-analysis protocol
  Winda Liviya Ng, Evelyn Wong, Stephanie Tanamas, Tara Boelsen-Robinson, Christopher Stevenson, Jonathan Shaw, Matt Naughton, John Dixon, Anna Peeters

245 Heart rate variability in insomnia patients: a preliminary analysis
  Kirsty Dodds, Nathaniel Marshall, Christopher Miller, Jon-Won Kim, Delwyn Bartlett, Ronald Grunstein, Christopher Gordon

246 Managing complex restless legs syndrome with inadequate response to first-line therapy or development of augmentation
  Claire Ellender, David Cunnington, John Swieca

247 Nocturnal melatonin profiles in patients with Delayed Sleep-Wake Phase Disorder and control sleepers.
  Gorica Micic, Nicole Lovato, Michael Gradasar, Helen Burgess, Sally Ferguson, David Kennaway, Leon Lack

Sleep and Breathing - Clinical 12:30PM – 01:15PM
  MELBOURNE ROOM 2

248 Does caffeine consumption during extended wake change self-reported hunger and satiety?
  Crystal Grant, Gemma Paech, Chris Della Vedova, Maja Pajcin, Jill Dorrian, Alison Coates, Siobhan Banks

249 Impact of the treatment effect with continuous positive airway pressure between older and adult
obstructive sleep apnea syndrome patients
  Yasunobu Gohira
250 Clinical features associated with successful outcomes for a rapid wean from NIV in type 2 respiratory failure
  Csaba Varga, Dinithi Samaratunga
251 Magnetic resonance imaging of the upper airway in patients with quadriplegia and obstructive sleep Apnoea
  Hailey Meaklim, David Berlowitz, Graeme Jackson, Alan Connelly, Shawna Farquharson, Doug Brown, Lynne Bilton, Alice Hatt, Peter Cistulli, Kate Sutherland, Fergal O’Donoghue
252 The Relationship between Weight Loss and Positional Obstructive Sleep Apnoea
  Jun Keng Khoo, Simon Joosten, John Dixon, Bradley Edwards, Matthew Naughton, Garun Hamilton
253 Epworth Sleepiness Score variability across referral pathway for suspected obstructive sleep apnoea and effect of Ministry of Health maximum waiting list time.
  Alister Neill, Daniel Scott, Angela Campbell
254 Accessing publicly funded adult sleep apnoea services in New Zealand.
  Alister Neill, Daniel Scott, Angela Campbell
255 Recruiting Outside the Box: An Analysis of Recruitment Methods used in a Treatment Resistant OSA Population
  Julia Chapman, Elizabeth Cayanan, Devtosh Banerjee, Yasmina Djavadkhani, Haider Naqvi, Keith Wong, Brendon Yee, Ron Grunstein, Nathaniel Marshall
256 Catathrenia: did you hear that?!
  Matthew Leong, Lynn Hoey
257 Cardio-ankle vascular index as a predictor of obstructive sleep apnea
  Yasuhiro Tomita, Takatoshi Kasai, Koji Narui

**Sleep and Breathing – Treatment**

12:30PM – 01:15PM
MELBOURNE ROOM 2

258 Non-conventional use of home CPAP in children
  Montaha AL-Iede, Radhagini Kumaran, Karen Waters
259 The use of SleepMapper (a patient self-management application) improves CPAP compliance in Australian patients
  Julie Yarascavitch, Jade Pittard, Christy Stitt, Mark Aloia
260 Applying a chinstrap for mouth leak: always a good idea, right?
  Matthew Leong, Lynn Hoey
261 A Model for Remote Follow-up of Stable Obstructive Sleep Apnoea Patients
  Merrhis Majurey, Cat Chang, Muhammed Asad Khan
262 The effect of one night of CPAP on sleep architecture in patients with obstructive sleep apnoea – An obese vs non-obese comparative study
  Dev Banerjee, Michael Cheng, Frances Clements, Ron Grunstein

**Advanced Trainees**

12:30PM – 01:15PM
MELBOURNE ROOM 2

263 Parasomnias in Vietnam veterans with and without PTSD
  Dayna Law, Robyn O’Sullivan, Wendy Harvey, Sarah McLeay
264 Effects of perception of sleep problems on outcomes
  Rajiv Sharma, Brett Duce, Craig Hukins
265 Negative Effort Dependence (NED) in a Starling Resistor Bench Model of the Upper Airway: Role of Surounding Pressure
  Benjamin Kolevski, Christopher Lambeth, Jyotishna Narayan, Terence Amis, Kristina Kairaitis
266 Long-term follow up of treatment usage in OSA patients participating in a short-term crossover trial of CPAP versus Oral Appliance Treatment
  Aalia Thasneem Saleem, Kate Sutherland, Craig Phillips, Peter Cistulli
267 Results of Twelve Months of a Multidisciplinary Sleep Apnoea Unit
  Nicholas Fitzpatrick, Kasra Taghian, Darren Mansfield, Andrew Hays, James Robertson, Glen Burgess
### Concurrent Symposia

#### S11: Marrying anatomy with physiology in OSA phenotypes

02:00PM – 03:30PM
MEETING ROOM 210

**Chaired by Stuart Mackay**

02:00pm 272 Adult OSA anatomical phenotypes: Structural and luminal
- **Tucker Woodson**

02:25pm 273 Adult OSA physiological phenotypes: Current status
- **Peter Eastwood**

02:50pm 274 What the sleep physician thinks of marrying the anatomy and physiology
- **Andrew Jones**

03:00pm 275 What the sleep surgeon thinks of marrying the anatomy and physiology
- **Ofer Jacobowitz**

03:10pm Discussion & Questions

#### S12: Optimising care delivery with limited resources – diagnosis and management of paediatric OSA

02:00PM – 03:30PM
MEETING ROOM 208

**Chaired by Gillian Nixon and Kelvin Kong**

02:00pm 276 Planning adenotonsillectomy for paediatric obstructive sleep apnoea – what can sleep tests contribute?
- **Gillian Nixon**

02:30pm 277 The role of an anaesthetist in managing surgery for obstructive sleep apnoea
- **Noel Roberts**

02:50pm 278 How do sleep tests help an ENT surgeon?
- **Libby Rose**

03:10pm Panel discussion
- **Gillian Nixon, Noel Roberts, Libby Rose**

#### S13: Turning sleep on and off: Current topics in sleep pharmacology

02:00PM – 03:30PM
MEETING ROOM 207

**Chaired by Ron Grunstein**

02:00pm 279 The dream robbers and the sleep thieves: Prescription drugs, recreational drugs and insomnia
- **Iain McGregor**

02:30pm 280 Stilnoxitis – Media, society and government responses to hypnotic therapy
- **Ron Grunstein**

03:00pm 281 Orexin receptor antagonists in insomnia: Preclinical and clinical considerations
- **Daniel Hoyer**
## S14: Modulation of mood: Understanding the link between biological rhythms and affective functioning

**Chaired by Melinda Jackson and Nicole Lovato**

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| 02:00pm | 282 Nature’s clocks and human mood: neuroimaging the brain basis of circadian modulation of reward  
Gregory Murray |
| 02:25pm | 283 Circadian dysfunction in depression: what do we know  
Sean Cain |
| 02:50pm | 284 Measuring sleep, circadian rhythms and mood: The SCRAM questionnaire  
Jamie Byrne |
| 03:10pm | 285 The relationship between sleep and depressed mood in developing teens  
Nicole Lovato |

## S15: Structural, functional and cellular changes in the brain during sleep deprivation and in OSA

**Chaired by Russell Conduit and Stephen Robinson**

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| 02:00pm | 286 The impact of sleep deprivation on default mode network function  
Sean Drummond |
| 02:30pm | 287 Neuropathological changes in obstructive sleep apnoea  
Stephen Robinson |
| 03:00pm | 288 Brain structural and functional changes associated with elevated MSNA in OSA and their reversal following CPAP treatment  
Luke Henderson |

## Afternoon Tea & Exhibition

**03:30PM – 04:00PM**

**EXHIBITION – MELBOURNE ROOM 1**

## Plenary

**From benchtop to bedside to blue sky**

**Chaired by Maree Barnes**

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| 04:00pm | 290 Go wild and sleep outside the box  
John Lesku |
| 04:10pm | 291 Sleep disordered breathing  
Peter Cistulli |
| 04:20pm | 292 Measurement of sleep  
Peter Rochford |
| 04:30pm | 293 Insomnia  
Delwyn Bartlett |
| 04:40pm | 294 Paediatric sleep  
Gillian Nixon |
| 04:50pm | 295 Circadian rhythm disorders  
Shantha Rajaratnam |
| 05:00pm | Discussion |

## Gala Dinner

**MELBOURNE ROOM 2**

**07:00 PM**