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| Louviere JJ        | 10-5, 10-6                              | Neal BC           | 6-1, 6-8                      |
| Loy C#             | 19-10*                                  | Nelson JA#        | 18-8*                         |
| Lumby J            | 26-1                                    | Neuberger MS      | 22-6                          |
| Lunn H             | 19-8                                    | Newall P          | 16-2                          |
| Lynch GW#          | 7-1, 7-4*, 8-1                          | Newbold RF        | 8-12                          |
| <b>M</b>           |   | Neyle DA#         | 19-12*                        |
| MacDonald K        | 7-1                                     | Nikolic A         | 21-2                          |
| MacDonald P        | 6-4                                     | Ninnal A          | 16-11                         |
| Machaalani R#      | 9-12*                                   | North KN#         | 13-2, 13-3                    |
| Macintyre R        | 11-1                                    | Nourse CR#        | 5-13*                         |
| MacMahon SW        | 2-3, 6-1, 6-8                           | Nowak K           | 13-2                          |
| Maddalena DJ       | 11-6, 18-2, 25-2                        | Nutbeam D         | 2-1                           |
| Mahajan D          | 4-7, 11-10                              | <b>O</b>          |                               |
| Maher CG           | 23-3                                    | O'Brien CJ        | 21-10                         |
| Makrides M         | 24-7                                    | O'Donnell C#      | 2-10*                         |
| Malek S#           | 27-5*                                   | O'Dwyer NJ#       | 13-6, 13-7                    |
| Malkoun M          | 7-6                                     | O'Gorman DB       | 5-10                          |
| Malouf N           | 23-7*                                   | O'Neill C         | 4-2                           |
| Mandadi S#         | 24-5*                                   | Obradovic M       | 25-6                          |
| Mann GJ#           | 21-3, 21-4, 21-5, 21-6                  | Ogle SJ           | 2-9                           |
| Manolios N#        | 1-7, 1-8, 17-7, 22-7, 22-8, 22-9, 22-10 | Onslow MH         | 27-8                          |
| Margan SH#         | 4-11                                    | Orange SJ#        | 18-7*                         |
| Marreiros A        | 3-8                                     | Orchard MD#       | 18-4*                         |
| Marshall AP#       | 11-7*                                   | Orr F#            | 2-5*                          |
| Martin JL          | 5-10                                    | Ouvrier RA        | 13-4                          |
| Maszevska K        | 14-5                                    | Owens D           | 2-5                           |
| Matheson A#        | 19-4                                    | <b>P</b>          |                               |
| Matthews LR#       | 16-6*, 16-7*                            | Pack RA           | 3-7                           |
| Matthews ST#       | 18-2*                                   | Packman A         | 27-8                          |
| Matulich JC#       | 12-9*, 12-10                            | Page S#           | 15-9*                         |
| Maynard GJ#        | 1-5*                                    | Pajkos A#         | 5-14*                         |
| McArthur S         | 4-3, 4-4                                | Palendira U#      | 3-5, 4-6*                     |
| McDonald LA#       | 21-11*                                  | Palmisano L       | 14-7                          |

| <i>Author</i>         | <i>Poster Number(s)</i>           | <i>Author</i>      | <i>Poster Number(s)</i>  |
|-----------------------|-----------------------------------|--------------------|--------------------------|
| Pamphlett RS          | 3-1, 9-11, 13-8, 20-1             | Saurajen A         | 12-11                    |
| Parsons HK#           | 15-5*                             | Schibeci S         | 1-7, 3-8, 22-7, 22-8     |
| Patel S               | 9-7                               | Schmid H#          | 21-6, 26-11              |
| Payet DL#             | 18-5*                             | Schnell C          | 13-2                     |
| Peat JK               | 13-4                              | Schnitzler M       | 21-12                    |
| Pegler MAM            | 14-6, 14-8, 14-9                  | Schofield WN       | 2-7                      |
| Penfold PL#           | 7-13                              | Scicluna HA#       | 19-2*                    |
| Pera N                | 25-5                              | Scolyer RA#        | 5-1*, 21-10              |
| Percival JM#          | 24-9*                             | Scott CD           | 5-10                     |
| Perdices M            | 9-4                               | Scott-Wandmaker P# | 23-2*                    |
| Perich V              | 13-9                              | Sedger LM#         | 1-10*                    |
| Pfaff A               | 9-3                               | Seeto CKY#         | 15-12*                   |
| Phanachet I#          | 27-6*                             | Shakeshaft AT      | 2-7                      |
| Phung TN#             | 11-5*, 11-9*, 25-5*               | Shanahan M#        | 10-5*                    |
| Pitman EP             | 13-7                              | Shao JB#           | 14-10*                   |
| Plymat KR             | 18-11                             | Shea A#            | 18-10                    |
| Poljak A              | 8-1                               | Shell AGR          | 25-7, 25-11              |
| Pollard JD#           | 13-1                              | Shemon A N#        | 1-6*                     |
| Pollard KA            | 6-6, 15-2                         | Shen W#            | 1-9*                     |
| Pollock CA#           | 8-6, 12-1, 12-2, 12-3, 12-4, 26-4 | Shenfield GM       | 2-9                      |
| Poon TSC#             | 19-13*                            | Shepherd CE#       | 9-6*                     |
| Poronnik P#           | 8-6, 12-1, 12-2, 12-3, 12-4       | Shepherd D         | 3-9, 14-7, 17-6          |
| Potter SM#            | 3-2*, 9-2                         | Sherrington C      | 23-3                     |
| Poulton LD#           | 3-9, 14-7, 17-6*, 17-10           | Shrestha B#        | 9-1*                     |
| Provis JM             | 7-13                              | Siddiqui S         | 8-1                      |
| Puls R                | 4-8                               | Sigafoos JS        | 23-6                     |
| Pynor RA#             | 23-5                              | Sillence DO        | 4-5, 27-2*               |
| <b>Q</b>              |                                   | Silveira PA        | 14-7                     |
| Qi W#                 | 12-2*                             | Sim K G#           | 25-3*                    |
| Qin G                 | 25-11                             | Sime SM#           | 21-8*                    |
| Quinn R               | 8-8                               | Simmons PJ         | 22-1                     |
| <b>R</b>              |                                   | Simpson GK#        | 16-8*                    |
| Radford JL#           | 3-1, 13-8*                        | Simpson JM         | 2-1, 6-13, 26-6          |
| Raffaele (Weaver) LS# | 24-10*                            | Sindhusake D#      | 11-1, 16-2*              |
| Raja C                | 13-5                              | Sloane AJ          | 7-4                      |
| Raman S               | 2-12                              | Slobedman B#       | 7-6*, 7-7, 7-8, 7-12     |
| Ramzan IM#            | 6-9, 11-2, 13-10, 13-11, 20-16    | Sluyter R#         | 1-2*                     |
| Rasko JEJ#            | 17-1                              | Smith AL#          | 17-5*                    |
| Raso V                | 7-4                               | Smith C            | 10-8                     |
| Raynes-Greenow CH#    | 2-11                              | Smith G            | 26-6                     |
| Reddel RR             | 8-12                              | Smith LD#          | 18-9*                    |
| Redenbach JR#         | 11-11, 11-12*, 11-13, 23-8*       | Smith RC           | 11-6, 13-5               |
| Redmond AC#           | 13-4*                             | Smith RM           | 27-1                     |
| Reeve VE              | 21-8                              | Smith W            | 11-1, 16-1, 16-2         |
| Reynolds M            | 18-11                             | Sorrell TC#        | 3-11, 14-5               |
| Reynolds P#           | 11-11*, 11-12, 11-13              | Spence I           | 18-2                     |
| Riley J               | 10-5                              | Spinks NL#         | 21-1*                    |
| Rinks M#              | 4-13*                             | Spratt JM#         | 14-1                     |
| Roach DR#             | 14-4*                             | Stainton MC#       | 18-11*, 18-12            |
| Roberts CG#           | 4-3*                              | Stancliffe RJ#     | 10-9*                    |
| Roberts CL            | 2-11                              | Steinbeck K        | 11-10                    |
| Robertson GR#         | 25-5, 25-10                       | Stephenson D       | 25-8                     |
| Robinson BG           | 21-12                             | Stephenson JA#     | 2-5                      |
| Robinson BWS          | 15-5                              | Stewart GJ#        | 12-9, 12-10, 13-9, 16-11 |
| Rodriguez JA#         | 5-6, 5-7*                         | Stewart MM         | 21-4                     |
| Rose BR#              | 14-6*, 14-8*, 21-10               | Stojanov T#        | 4-2*                     |
| Roth M#               | 15-1, 15-3, 15-5, 15-12           | Strugnell R        | 3-12                     |
| Roufogalis BD#        | 20-14, 22-3, 24-3, 24-5, 24-6     | Stynes JA#         | 19-5*                    |
| Roy LP#               | 26-6, 26-6                        | Su T               | 15-10                    |
| Rubin GL#             | 2-7*, 11-1, 16-2, 18-11           | Subramanian H#     | 20-2*                    |
| Russell JD            | 19-2                              | Sukkar MB#         | 15-4*, 15-9              |
| Russell RC#           | 10-13                             | Sullivan CE        | 6-2, 6-3, 15-10          |
| Ryan J                | 18-2                              | Sun J#             | 25-7*, 25-11             |
| Ryan M                | 13-2                              | Swain MV#          | 6-14*, 27-3, 27-4        |
| Ryan RM#              | 24-1*                             | Swan MA            | 27-5                     |
| <b>S</b>              |                                   | <b>T</b>           |                          |
| Saad S#               | 5-12*                             | Takikawa O         | 3-3                      |
| Saini BHK#            | 2-6*                              | Talley NJ          | 11-8, 16-10              |
| Samarasinghe DA       | 11-5, 11-9                        | Tamm M             | 15-1, 15-5               |
| Santos R              | 11-6                              | Tangye SG#         | 22-4*                    |
| Sare AT               | 23-4                              | Tarrant RN         | 6-14                     |
| Sarris M#             | 9-10, 9-11                        | Tate RL#           | 9-3*, 9-4*, 16-8         |
| Sasongko LDN#         | 20-16*                            | Tattam BN          | 11-3, 13-10              |
| Satchell A C#         | 12-11*                            | Tattersall MH      | 21-10                    |
| Saunders BM#          | 3-4*                              | Taylor CM          | 23-6                     |
| Saunders HJ#          | 12-4*                             | Taylor SJ#         | 10-7*, 18-8              |
|                       |                                   | Taylor TKF         | 4-5                      |

| <i>Author</i>           | <i>Poster Number(s)</i>            | <i>Author</i>   | <i>Poster Number(s)</i>                           |
|-------------------------|------------------------------------|-----------------|---|
| Tazawa YM#              | 8-10*                              | Williams AJ     | 8-12  |
| Teng A                  | 6-3                                | Williams GT     | 22-6  |
| Teng XW#                | 25-1*                              | Williams JT     | 20-12   |
| Terry V                 | 18-3                               | Williams KA#    | 23-4, 23-10*                                      |
| Teutsch SM#             | 13-9*                              | Williams KM     | 20-16   |
| Theodoratos A           | 17-8                               | Williams R#     | 26-9  |
| Thomas M#               | 27-8*                              | Williamson P#   | 3-8*, 17-11, 22-7, 22-8                           |
| Thompson CH#            | 21-10                              | Williamson S#   | 24-10   |
| Thompson DJ#            | 26-9*                              | Willis NS#      | 26-7*, 26-10                                      |
| Thompson KM#            | 16-4*                              | Windass AS      | 25-8  |
| Thoo CH-F#              | 21-4*                              | Wong JG         | 7-13  |
| Thorburn DR             | 8-12                               | Wong LCF#       | 12-9, 12-10*, 16-11*                              |
| Tiller DJ               | 18-7                               | Wong W          | 26-11   |
| Tinning MW#             | 17-11*                             | Woodman KR      | 25-11   |
| Tjendraputra E#         | 24-6*                              | Woodward M      | 2-3, 6-8  |
| Tolhurst O              | 20-4                               | Worthington RA# | 1-3*  |
| Touyz SW                | 19-2                               | Wright D        | 4-3   |
| Tran VH#                | 11-4, 13-10, 20-14*, 24-6          | Wu H#           | 12-5*, 12-6                                       |
| Travers MK#             | 19-3*                              | Wu L#           | 25-11*  |
| Trevena LJ#             | 2-1*                               | Wu M-J          | 24-4  |
| Triccas JA#             | 14-1*                              | Wulff JE#       | 19-7*   |
| Trounce IA              | 8-12                               | <b>X</b>        |   |
| Turman AB               | 20-2                               | Xaymardan M     | 8-2, 8-4  |
| Turnbull AE#            | 25-10*                             | Xiao X-H#       | 6-7*  |
| Turner JV#              | 25-2*                              | Xu W#           | 8-2, 8-5, 8-7*                                    |
| Turner VF#              | 3-1*, 3-3                          | Xu X-M          | 1-10  |
| Turton AJ               | 11-11, 11-12, 11-13                | <b>Y</b>        |   |
| Turville SG#            | 7-1*                               | Yang F#         | 13-1*   |
| Twible RL#              | 23-9                               | Yang N#         | 13-2, 13-3*                                       |
| Tyler KK                | 27-5                               | Yeoh A          | 10-6  |
| <b>U</b>                |                                    | Yong S#         | 21-1, 21-9*                                       |
| Unwin MM                | 19-6                               | Young L#        | 4-10*   |
| Usherwood TP#           | 2-12*                              | Yu DMT          | 25-6  |
| <b>V</b>                |                                    | <b>Z</b>        |   |
| Vachot AM               | 3-9                                | Zafiriou S#     | 12-1*   |
| van Holst Pellekaan SM# | 4-1*                               | Zahir H#        | 11-3*   |
| van Schaik A#           | 20-5, 20-6, 20-9*                  | Zannettino A    | 22-1  |
| Vandenberg RJ           | 24-1, 24-2                         | Zhang GY        | 12-5, 12-8  |
| Vaughan CW              | 20-13                              | Zhang W         | 1-3   |
| Vaughan-Jones RD        | 6-5                                | Zhang X         | 2-2, 2-3  |
| Vickery AM              | 5-14, 14-6                         | Zhu F-Y         | 26-4  |
| Vickery K               | 7-5                                | Zoellner H#     | 8-1*, 8-2*, 8-3, 8-4, 8-5*, 8-7, 8-11, 8-13, 17-9 |
| Vimalachandra D#        | 26-8*                              |                 |   |
| Viney R                 | 10-1, 10-4, 10-6                   |                 |   |
| <b>W</b>                |                                    |                 |   |
| Waley P#                | 9-9*                               |                 |   |
| Walker DM#              | 5-3, 8-3, 8-11, 21-11              |                 |   |
| Walters G#              | 12-6*                              |                 |   |
| Wang B#                 | 24-7*                              |                 |   |
| Wang C                  | 25-7, 25-11                        |                 |   |
| Wang JJ#                | 16-1*                              |                 |   |
| Wang X                  | 25-7                               |                 |   |
| Wang XM#                | 1-7*, 22-7*, 22-8                  |                 |   |
| Wanigaratne K           | 27-6, 27-7                         |                 |   |
| Wanigasekara Mohotti Y# | 24-3*                              |                 |   |
| Warren B                | 19-2                               |                 |   |
| Waters KA#              | 9-12                               |                 |   |
| Watson D#               | 12-7*                              |                 |   |
| Watson J                | 14-6, 14-9                         |                 |   |
| Watts AD                | 17-8                               |                 |   |
| Webb CE#                | 10-13*                             |                 |   |
| Webb K                  | 11-1                               |                 |   |
| Webber C                | 4-8                                |                 |   |
| Weckert HA              | 3-10                               |                 |   |
| Weerakoon P#            | 18-6, 23-5                         |                 |   |
| Weinberger RP           | 5-4, 13-3, 20-3, 20-4, 24-9, 25-10 |                 |   |
| Welschinger R#          | 7-5*                               |                 |   |
| Wen L                   | 7-13                               |                 |   |
| West SH#                | 11-7, 18-13, 19-4*                 |                 |   |
| Wheatley JR             | 6-6, 6-12, 15-11, 15-14            |                 |   |
| Wheeler DM#             | 26-5*                              |                 |   |
| Whittle TE#             | 27-6, 27-7                         |                 |   |
| Whybrow SJ              | 16-4                               |                 |   |
| Wilcken B               | 25-3                               |                 |   |
| Wilcox LM#              | 10-12*                             |                 |   |
| Wiley JS#               | 1-1, 1-2, 1-3, 1-4, 1-6            |                 |   |

## Session 1 Haematology 1

**Chair:** Professor JS Wiley  
**Time:** Wednesday 1 November 1.25pm  
**Venue:** Blaxland (Seating capacity = 200)

| ID:  | Title:   | Author(s)[* = presenting] |                  |
|------|--|---------------------------|------------------|
| 1-1  | Expression and function of human P2X7 receptor on haemopoietic cells   | 1                         | Gu, B*           |
|      |  | 2                         | Wiley, JS        |
| 1-2  | Expression of P2X purinoceptors on malignant B-lymphocytes   | 1                         | Sluyter, R*      |
|      |  | 2                         | Barden, JA       |
|      |  | 3                         | Wiley, JS        |
| 1-3  | Human P2X7 receptor mutants confer loss of function  | 1                         | Worthington, RA* |
|      |  | 2                         | Gu, B            |
|      |  | 3                         | Zhang, W         |
|      |  | 4                         | Wiley, JS        |
|      |  | 5                         | Barden, JA       |
| 1-4  | Involvement of the P2X7 purinoreceptor in an ATP-dependent apoptotic pathway in human B-lymphocytes  | 1                         | Dao, LP*         |
|      |  | 2                         | Wiley, JS        |
| 1-5  | The development of an antibody directed against the P2Y11 purinergic receptor  | 1                         | Maynard, GJ*     |
|      |  | 2                         | Conigrave, AD    |
|      |  | 3                         | Morris, M        |
| 1-6  | Phospholipase D activity in human lymphocytes: evidence for calcium dependent and independent isoforms   | 1                         | Shemon, A N*     |
|      |  | 2                         | Wiley, JS        |
|      |  | 3                         | Conigrave, AD    |
| 1-7  | T-cell antigen receptor (TCR) transmembrane peptides colocalize with TCR, not lipid rafts, in T cell surface membranes                                 | 1                         | Wang, XM*        |
|      |  | 2                         | Djordjevic, JT   |
|      |  | 3                         | Schibeci, S      |
|      |  | 4                         | Bender, V        |
|      |  | 5                         | Manolios, N      |
| 1-8  | TCR- $\alpha$ / CD3- $\delta$ Chain dimerization is not inhibited by hydrophobic transmembrane charged core peptide                                    | 1                         | Kurosaka, N*     |
|      |  | 2                         | Manolios, N      |
| 1-9  | The chemokine receptor CXCR4 enhances integrin mediated in vitro adhesion and facilitates engraftment of leukemic precursor-B cells in the bone marrow | 1                         | Shen, W*         |
|      |  | 2                         | Bendall, LJ      |
|      |  | 3                         | Gottlieb, DJ     |
|      |  | 4                         | Bradstock, KF    |
| 1-10 | The viral TNF-receptor homologue, T2, acts as a dominant negative receptor to inhibit lymphocyte apoptosis   | 1                         | Sedger, LM*      |
|      |  | 2                         | Xu, X-M          |
|      |  | 3                         | Bateman, K       |
|      |  | 4                         | Barrett, J       |
|      |  | 5                         | McFadden, G      |

## Session 2 Community Interventions

**Chair:** Professor TP Usherwood  
**Time:** Wednesday 1 November 1.25pm  
**Venue:** Lawson (Seating capacity = 200)

| ID:  | Title:  | Author(s)[* = presenting] |                      |
|------|---|---------------------------|----------------------|
| 2-1  | Share the spirit? poverty & poor health in Sydney   | 1                         | Trevena, LJ*         |
|      |   | 2                         | Nutbeam, D           |
|      |   | 3                         | Simpson, JM          |
| 2-2  | International collaborative study of cardiovascular disease in Asia (InterASIA) - a survey of the levels of risk factors for cardiovascular disease in Thailand and China | 1                         | Cheepudomwit, S*     |
|      |   | 2                         | Zhang, X             |
|      |   | 3                         | Neal, B              |
| 2-3  | Diabetes and stroke in the Asia Pacific region  | 1                         | Barzi, F*            |
|      |   | 2                         | Woodward, M          |
|      |   | 3                         | Zhang, X             |
|      |   | 4                         | MacMahon, SW         |
| 2-4  | Health promotion and screening in community pharmacy: a model for service delivery  | 1                         | Krass, I*            |
|      |   | 2                         | Chen, TF             |
|      |   | 3                         | Hourihan, F          |
|      |   | 4                         | Coper, L             |
| 2-5  | Group activities in a correctional health setting: consumer feedback from mental health inpatients at Long Bay Hospital   | 1                         | Orr, F*              |
|      |   | 2                         | Stephenson, JA       |
|      |   | 3                         | Cain, D              |
|      |   | 4                         | Owens, D             |
| 2-6  | Development, implementation and evaluation of an asthma care model for use in community pharmacy settings in Australia  | 1                         | Saini, BHK*          |
|      |   | 2                         | Krass, I             |
|      |   | 3                         | Armour, CL           |
| 2-7  | The appropriateness of red blood cell transfusions in ten major urban NSW hospitals   | 1                         | Rubin, GL*           |
|      |   | 2                         | Schofield, WN        |
|      |   | 3                         | Shakeshaft, AT       |
|      |   | 4                         | Dean, MG             |
|      |   | 5                         | Frommer, MS          |
| 2-8  | Quality use of medicines in paediatrics   | 1                         | Brien, JE*           |
|      |   | 2                         | Easton-Carter, KL    |
|      |   | 3                         | Chapman, CB          |
| 2-9  | Optimising the use of antithrombotic therapy in elderly patients with atrial fibrillation: a pharmacist-led multidisciplinary intervention                                | 1                         | Bajorek, BV*         |
|      |   | 2                         | Krass, I             |
|      |   | 3                         | Ogle, SJ             |
|      |   | 4                         | Duguid, MJ           |
|      |   | 5                         | Shenfield, GM        |
| 2-10 | At risk of harm or harming: a healthier approach to law and order   | 1                         | O'Donnell, C*        |
| 2-11 | Alive and kicking – integration and collaboration in perinatal health services research   | 1                         | Henderson-Smart, DJ* |
|      |   | 2                         | Roberts, CL          |
|      |   | 3                         | Raynes-Greenow, CH   |
| 2-12 | Western Sydney Young Families Project   | 1                         | Usherwood, TP*       |
|      |   | 2                         | Mere, L              |
|      |   | 3                         | Fasher, AM           |
|      |   | 4                         | Raman, S             |

## Session 3

### Immunology and Immunopathology

**Chair:** Associate Professor NJC King  
**Time:** Wednesday 1 November 1.25pm  
**Venue:** Wentworth (Seating capacity = 200)

| ID:  | Title:  | Author(s)[* = presenting]   |
|------|---|---|
| 3-1  | A central histopathology facility for researchers and students in the Faculty of Medicine, University of Sydney   | 1 Turner, VF*<br>2 Radford, JL<br>3 Pamphlett, RS   |
| 3-2  | Fas/Fas ligand interactions may be linked to fatality in murine cerebral malaria  | 1 Potter, SM*<br>2 Driussi, C<br>3 Hansen, AM<br>4 Chaudhri, G<br>5 Hunt, NH                      |
| 3-3  | Tissue distribution of indoleamine-2,3 dioxygenase in normal and malaria-infected mice  | 1 Hansen, AM*<br>2 Driussi, C<br>3 Turner, VF<br>4 Takikawa, O<br>5 Hunt, NH                      |
| 3-4  | Chemokines, granuloma formation and immunity to M. Tuberculosis infection   | 1 Saunders, BM*<br>2 Feng, CG<br>3 Briscoe, H<br>4 Britton, WJ                                    |
| 3-5  | Endogenous IL-10 blocks IL-12 production by mycobacteria-infected dendritic cells   | 1 Demangel, C*<br>2 Palendira, U<br>3 Bean, AGD<br>4 Britton, WJ                                  |
| 3-6  | Is protein translation needed for West Nile Virus to induce MHC-I expression and NF-K B activation in mouse embryonic fibroblasts?  | 1 Cheng, Y*<br>2 King, NJC<br>3 Kesson, AM  |
| 3-7  | A study, by gene expression profiling, of mitogenic activation of human T lymphocytes   | 1 Hunt, NH*<br>2 Hardy, CL<br>3 Pack, RA<br>4 Ball, HJ  |
| 3-8  | IL-2 receptor signal transduction: analysis by mutation and complementation   | 1 Gala, S<br>2 Schibeci, S<br>3 Marreiros, A<br>4 Merida, I<br>5 Williamson, P*                   |
| 3-9  | Representational difference analysis of two congenic mouse strains with high levels of NKT cells  | 1 Esteban, LM*<br>2 Poulton, LD<br>3 Shepherd, D<br>4 Vachot, AM<br>5 Godfrey, DI<br>6 Baxter, AG |
| 3-10 | Immunoglobulin class-switch recombination breakpoints in human 5'S $\gamma$ regions are not restricted to normal intronic sequences and diverge in $\gamma$ isotypic site preferences | 1 Dunn, IS*<br>2 Weckert, HA<br>3 Hughes, JAI<br>4 Benson, EM                                     |
| 3-11 | Relative abundance of microsatellite sequences in fungal species  | 1 Karaoglu, H*<br>2 Lim, S<br>3 Sorrell, TC<br>4 Carter, D<br>5 Meyer, W                          |
| 3-12 | Reduced penicillin susceptibility in the Treponema genus  | 1 Jeffreys, NJ*<br>2 Backhouse, J<br>3 Strugnell, R<br>4 James, GS<br>5 Gilbert, GL               |

## Session 4 Genes and Beams

**Chair: Dr A Davison**

**Time: Wednesday 1 November 1.25pm**

**Venue Norman Lindsay (Seating capacity = 100)**

| ID:  | Title:  | Author(s)[* = presenting]  |  |
|------|---|----------------------------|--|
| 4-1  | Indigenous Australian families, genes, health and well being  | 1                          | van Holst Pellekaan, SM*   |
| 4-2  | The effect of the method of fertilisation on the onset of transcription from the zygotic genome   | 1<br>2                     | Stojanov, T*<br>O'Neill, C   |
| 4-3  | Use of fluorescent in situ hybridisation (FISH) for preimplantation genetic diagnosis (PGD) for translocation carriers  | 1<br>2<br>3<br>4<br>5      | Roberts, CG*<br>de Boer, K<br>McArthur, S<br>Wright, D<br>Jansen, RPS          |
| 4-4  | Single cell PCR- experiences with preimplantation genetic diagnosis   | 1<br>2<br>3<br>4           | Leigh, D*<br>de Boer, K<br>McArthur, S<br>Jansen, RPS                          |
| 4-5  | Genome wide screen defines loci on chromosomes 17 and 20 with suggestive linkage to familial Scheuermann's Disease  | 1<br>2<br>3<br>4<br>5      | Giesajtis, G*<br>Baxter, AG<br>Sillence, DO<br>Taylor, TKF<br>Bleasel, JF      |
| 4-6  | Lymphocyte recruitment and protective efficacy against pulmonary mycobacterial infection is independent of the route of prior <i>Mycobacterium bovis</i> (BCG) immunization | 1<br>2<br>3                | Palendira, U*<br>Feng, CG<br>Britton, WJ                                       |
| 4-7  | LPL polymorphisms in Asian Indians  | 1<br>2<br>3                | Devanapalli, BR*<br>Mahajan, D<br>Bermingham, MA                               |
| 4-8  | HIV-positive cells infected <i>in vitro</i> with recombinant Fowlpox virus vaccines stimulate HIV-specific CTL activity in autologous cells                                 | 1<br>2<br>3<br>4<br>5<br>6 | Benson, EM*<br>Webber, C<br>Adams, S<br>Puls, R<br>Clarkson, J<br>Bharadwaj, M |
| 4-9  | Differential detection of progesterone receptor forms A and B by immunohistochemical analysis using a range of PR antibodies  | 1<br>2<br>3                | Johnston, J*<br>Mote, PA<br>Clarke, CL   |
| 4-10 | Prostate specific overexpression of ODC in transgenic mice  | 1<br>2<br>3<br>4<br>5      | Young, L*<br>Chetcuti, AF<br>Au, WW<br>Allan, CM<br>Dong, Q                    |
| 4-11 | Profiling human prostate cancer gene expression using cDNA array technology   | 1<br>2<br>3                | Chetcuti, AF*<br>Margan, SH<br>Dong, Q   |
| 4-12 | Distances between the rectum and prostate in prone and supine patients  | 1<br>2                     | Cox, JM*<br>Davison, A   |
| 4-13 | Utilisation of functional features on 3D treatment planning systems by radiation therapists   | 1<br>2                     | Rinks, M*<br>Davison, A  |
| 4-14 | Nitric oxide is a mediator of solar-simulated ultraviolet radiation-induced immunosuppression in humans   | 1<br>2<br>3                | Kuchel, JM*<br>Barnetson, RStC<br>Halliday, GM                                 |

## Session 5 Breast Cancer

**Chair:** Dr LJ Bendall  
**Time:** Wednesday 1 November 1.25pm  
**Venue:** Governors (Seating capacity = 150)

| ID:  | Title:   | Author(s)[* = presenting] |                  |
|------|--|---------------------------|------------------|
| 5-1  | Is it possible to diagnose unusual breast tumours by fine needle aspiration cytology? a study of 8 phyllodes tumours                                 | 1                         | Scolyer, RA*     |
|      |  | 2                         | McKenzie, PR     |
|      |  | 3                         | Achmed, D        |
|      |  | 4                         | Lee, CS          |
| 5-2  | Loss of co-ordinate expression of progesterone receptors A and B is an early event in premalignant and invasive breast lesions                       | 1                         | Mote, PA*        |
|      |  | 2                         | Bartow, S        |
|      |  | 3                         | Clarke, CL       |
| 5-3  | Alternative splicing of FGFR2 as K-SAM (IIIb) or BEK(IIIc) correlates with cell phenotype  | 1                         | Choi, JKW*       |
|      |  | 2                         | Gibbins, JR      |
|      |  | 3                         | Hunter, N        |
|      |  | 4                         | Walker, DM       |
| 5-4  | Effect of progestins on cytoskeletal proteins in T-47D breast cancer cells   | 1                         | Mcgowan, EM*     |
|      |  | 2                         | Weinberger, RP   |
|      |  | 3                         | Gunning, P       |
|      |  | 4                         | Clarke, CL       |
| 5-5  | The existence of a cofilin-actin-DNase I ternary complex <i>in vivo</i>  | 1                         | Chhabra, D*      |
|      |  | 2                         | Bao, S           |
|      |  | 3                         | dos Remedios, CG |
| 5-6  | Identification of a novel nuclear import pathway for BRCA1   | 1                         | Fabbro, M*       |
|      |  | 2                         | Rodriguez, JA    |
|      |  | 3                         | Henderson, BR    |
| 5-7  | Negative regulation of BRCA1 nuclear export by the RING finger-interacting protein BARD1   | 1                         | Rodriguez, JA*   |
|      |  | 2                         | Henderson, BR    |
| 5-8  | Insulin-like growth factor binding protein-5 is secreted as a phosphoprotein by T47D human breast cancer cells: what role does phosphorylation play? | 1                         | Kilby, DM*       |
|      |  | 2                         | Baxter, RC       |
|      |  | 3                         | Firth, SM        |
| 5-9  | Growth regulation of human breast cancer cells by insulin-like growth factor binding-protein (IGFBP)-3   | 1                         | Butt, AJ*        |
|      |  | 2                         | Firth, SM        |
|      |  | 3                         | Fraley, K-A      |
|      |  | 4                         | Baxter, RC       |
| 5-10 | Reduction of Insulin-like growth factor-II/mannose 6-phosphate (IGF-II/M6P) receptor enhances tumour growth in MDA-MB-231 breast cancer cells        | 1                         | Lee, JSW*        |
|      |  | 3                         | O'Gorman, DB     |
|      |  | 3                         | Martin, JL       |
|      |  | 4                         | Scott, CD        |
| 5-11 | Design and development of anti-mitotic agents targeting tubulin  | 1                         | Davidson, JC*    |
|      |  | 2                         | Ivery, MT        |
| 5-12 | Breast cancer cell bound fibronectin induces the production of Matrix Metalloproteinase-2 by bone marrow fibroblasts                                 | 1                         | Saad, S*         |
|      |  | 2                         | Gottlieb, DJ     |
|      |  | 3                         | Bradstock, KF    |
|      |  | 4                         | Bendall, LJ      |
| 5-13 | Derivation of a transgenic mouse model for D52 function in the mammary gland   | 1                         | Nourse, CR*      |
|      |  | 2                         | Joya, JE         |
|      |  | 3                         | Gunning, P       |
|      |  | 4                         | Hardeman, EC     |
|      |  | 5                         | Byrne, JA        |
| 5-14 | Investigation of periprosthetic capsular tissue from mammary implants – the role of bacterial biofilm  | 1                         | Pajkos, A*       |
|      |  | 2                         | Vickery, AM      |
|      |  | 3                         | Deva, AK         |
|      |  | 4                         | Cope, C          |
|      |  | 5                         | Chang, L         |
|      |  | 6                         | Cossart, YE      |

## Session 6 Cardiovascular and Respiratory

**Chair:** Professor DG Allen  
**Time:** Wednesday 1 November 1.25pm  
**Venue:** Pioneers (Seating capacity = 160)

| ID:  | Title:  | Author(s)[* = presenting] |                     |
|------|---|---------------------------|---------------------|
| 6-1  | ADVANCE - a factorial randomised controlled trial of blood pressure lowering and intensive glucose control among individuals with type II diabetes mellitus | 1                         | Girgis, S*          |
|      |   | 2                         | Neal, BC            |
|      |   | 3                         | MacMahon, SW        |
|      |   | 4                         | Chalmers, JP        |
| 6-2  | Overnight blood pressure control in preeclampsia  | 1                         | Edwards, N*         |
|      |   | 2                         | Blyton, DM          |
|      |   | 3                         | Kirjavainen, TT     |
|      |   | 4                         | Kesby, GJ           |
|      |   | 5                         | Sullivan, CE        |
| 6-3  | Postural hypotension in ALTE infants with obstructive sleep apnoea  | 1                         | Harrington, C*      |
|      |   | 2                         | Kirjavainen, TT     |
|      |   | 3                         | Teng, A             |
|      |   | 4                         | Sullivan, CE        |
| 6-4  | The optimal long-term treatment of patients with heart failure  | 1                         | Brien, JE           |
|      |   | 2                         | Bennett, AA*        |
|      |   | 3                         | Keogh, A            |
|      |   | 4                         | MacDonald, P        |
|      |   | 5                         | Campbell, T         |
| 6-5  | Effect of intracellular pH on Ca <sup>2+</sup> sparks in rat ventricular myocytes   | 1                         | Balnave, CD*        |
|      |   | 2                         | Vaughan-Jones, RD   |
| 6-6  | Elevated airway surface liquid chloride decreases sodium absorption across the human airway epithelium  | 1                         | Middleton, PG*      |
|      |   | 2                         | Herok, GH           |
|      |   | 3                         | Pollard, KA         |
|      |   | 4                         | Donohoo, E          |
|      |   | 5                         | Wheatley, JR        |
| 6-7  | The role of angiotensin II in ischemia and preconditioning in isolated rat heart  | 1                         | Xiao, X-H*          |
|      |   | 2                         | Allen, DG           |
| 6-8  | Dose-dependent effects of folic acid on plasma homocysteine among 723 individuals with coronary heart disease – the PACIFIC Study                           | 1                         | Brnabic, A*         |
|      |   | 2                         | MacMahon, SW        |
|      |   | 3                         | Neal, BC            |
|      |   | 4                         | Woodward, M         |
| 6-9  | Assay of fluticasone propionate and its major metabolite in rat liver perfusate   | 1                         | Kim, L*             |
|      |   | 2                         | McLachlan, AJ       |
|      |   | 3                         | Ramzan, IM          |
| 6-10 | Triamcinolone acetonide: aerosol performance, dissolution, first-pass intestinal metabolism and stability in simulated biological fluids                    | 1                         | de Leeuw, MAWC*     |
|      |   | 2                         | Feddah, MR          |
|      |   | 3                         | Gudde, TW           |
|      |   | 4                         | Davies, NM          |
| 6-11 | Generation of mannitol dry powder aerosols: effects of the dispersion energy and capsule configuration of the inhalers                                      | 1                         | Chew, NYK*          |
|      |   | 2                         | Bagster, DF         |
|      |   | 3                         | Chan, H-K           |
| 6-12 | Nasal versus oral breathing in asthmatic and healthy subjects   | 1                         | Hallani, M*         |
|      |   | 2                         | Amis, TC            |
|      |   | 3                         | Wheatley, JR        |
| 6-13 | Randomised, controlled trial of the effects of higher oxygen saturation targeting on long term growth and development of preterm infants                    | 1                         | Askie, LM*          |
|      |   | 2                         | Henderson-Smart, DJ |
|      |   | 3                         | Irwig, LM           |
|      |   | 4                         | Simpson, JM         |
| 6-14 | Surface treatment examination for the VentrAssist blood pump  | 1                         | Swain, MV*          |
|      |   | 2                         | Kaur, J             |
|      |   | 3                         | James, NL           |
|      |   | 4                         | Tarrant, RN         |
|      |   | 5                         | McKenzie, D         |

## Session 7 Viral Diseases

**Chairs:** Dr G Karupiah and  
Dr LM Sedger

**Time:** Wednesday 1 November 1.25pm

**Venue:** Misty's (Seating capacity = 70)

### HIV and Receptors

| ID: | Title:   | Author(s)[* = presenting]  |
|-----|--|--|
| 7-1 | Definition of HIV GP120 binding on monocyte derived dendritic cells  | 1 Turville, SG*<br>2 Arthos, J<br>3 MacDonald, K<br>4 Lynch, GW<br>5 Naif, HM<br>6 Hart, D<br>7 Cunningham, AL |
| 7-2 | Cytokine regulation of HIV replication in monocytes and macrophages through modulation of chemokine receptor expression            | 1 Li, S<br>2 Kassouf, VT<br>3 Nasr, N<br>4 Cunningham, AL<br>5 Naif, HM*                                       |
| 7-3 | Differential utilization of CCR3 by Human Immunodeficiency Virus Type 1 strains in neonatal and adult monocyte-derived macrophages | 1 Alali, M*<br>2 Cunningham, AL<br>3 Naif, HM  |
| 7-4 | Heterogeneity in structure and cell expression of the HIV receptors CD4 & CXCR4  | 1 Sloane, AJ<br>2 Cunningham, AL<br>3 Raso, V<br>4 Lynch, GW*  |

### Virus Replication and Latency

| ID: | Title:   | Author(s)[* = presenting]  |
|-----|--|--|
| 7-5 | Detection of virus during early stages of Duck Hepatitis B Virus infection | 1 Welschinger, R*<br>2 Vickery, K<br>3 Cossart, YE                     |
| 7-6 | Cytomegalovirus latency: microarray and beyond                             | 1 Slobedman, B*<br>2 Malkoun, M<br>3 Cunningham, AL<br>4 Abendroth, AD |
| 7-7 | Human cytomegalovirus gene expression during latent infection              | 1 Jenkins, C*<br>2 Slobedman, B  |

### Immunity and Virus-Host Interactions

| ID:  | Title:  | Author(s)[* = presenting]   |
|------|---|---|
| 7-8  | Varicella zoster virus infects human dendritic cells and transfers virus to T-lymphocytes | 1 Morrow, G*<br>2 Slobedman, B<br>3 Cunningham, AL<br>4 Abendroth, AD |
| 7-9  | Cytomegalovirus-specific cytotoxic T lymphocytes generated by dendritic cell stimulation  | 1 Foster, AE*<br>2 Bendall, LJ<br>3 Gottlieb, DJ<br>4 Bradstock, KF   |
| 7-10 | Localisation of vaginal dendritic cells during a viral infection                          | 1 Burke, SA*<br>2 King, NJC   |
| 7-11 | Gamma interferon-inducible factors in influenza A virus clearance                         | 1 Jayasekera, JP<br>2 Myers, S<br>3 King, NJC<br>4 Karupiah, G*       |
| 7-12 | Varicella zoster virus: immune modulation   | 1 Abendroth, AD*<br>2 Lin, I<br>3 Slobedman, B<br>4 Arvin, A          |

|      |  |                       |   |
|------|--|-----------------------|---|
| 7-13 | Changes in transcellular resistance in retinal pigment epithelium and endothelium after neurotropic flavivirus infection correlate with changes in distribution of ZO-1 and $\beta$ -catenin | 1<br>2<br>3<br>4<br>5 | Wen, L<br>Wong, JG<br>Penfold, PL<br>Provis, JM<br>King, NJC* |
| 7-14 | Maternal immunisation against murine neonatal HSV-2 infection with a replication-defective mutant  | 1<br>2                | Evans, IAC*<br>Jones, CA                                      |
| 7-15 | Natural variation of HIV-1 integrase: implications for drug design   | 1<br>2<br>3           | Herring, BL*<br>Dwyer, E<br>Cunningham, AL                    |

## Session 8

# Maintaining Order in Cells and Tissues Through Apoptosis and Proliferation

**Chairs:** Dr H Zoellner and  
Associate Professor T Chan-Ling  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Blaxland (Seating capacity = 200)

### Apoptosis in Endothelial Cells

| ID: | Title:   | Author(s) [* = presenting]  |
|-----|--|---|
| 8-1 | Sites for non-enzymatic glycosylation in human serum albumin: implications for the anti-apoptotic activity for endothelium | 1 Zoellner, H*<br>2 Hou, JY<br>3 Medbury, H<br>4 Hochgrebe, T<br>5 Siddiqui, S<br>6 Poljak, A<br>7 Duncan, MW<br>8 Golding, J<br>9 Henderson, T<br>10 Lynch, GW |
| 8-2 | Apoptosis in endothelial cell clusters: a mechanism for establishment of the monolayer and lumen formation                 | 1 Xaymardan, M<br>2 Xu, W<br>3 Medbury, H<br>4 Zoellner, H*   |
| 8-3 | Apoptosis of endothelial cells co-cultured with tumour cells: a possible role in metastasis                                | 1 McEwen, AB*<br>2 Walker, DM<br>3 Medbury, H<br>4 Leick, A<br>5 Zoellner, H  |
| 8-4 | Fragmentation of albumin correlates with tissue vascularity during wound healing   | 1 Donald, C*<br>2 Xaymardan, M<br>3 Comis, A<br>4 Zoellner, H   |
| 8-5 | Reduced survival of endothelium exposed to oscillatory shear stress  | 1 Gue, S<br>2 Lam, T<br>3 Xu, W<br>4 Medbury, H<br>5 Zoellner, H*   |
| 8-6 | High glucose induced apoptotic and hypertrophic growth responses in human endothelial cells                                | 1 McGinn, CMS*<br>2 Poronnik, P<br>3 Gallery, EMD<br>4 Pollock, CA  |
| 8-7 | Apoptotic endothelial cells maintain anti-aggregatory activity for platelets stimulated with ADP or thrombin               | 1 Xu, W*<br>2 Favalaro, E<br>3 Medbury, H<br>4 Zoellner, H  |

### Cell Division, Differentiation and Death

| ID:  | Title:  | Author(s) [* = presenting]  |
|------|---|---|
| 8-8  | Physiological functions of TRAF2: role in activation of NF- $\kappa$ B, MAP kinases and protection from apoptosis                       | 1 Grech, AP*<br>2 Quinn, R<br>3 Brink, R                              |
| 8-9  | DNA repair-deficiency reduces the rate of immunoglobulin isotype switching without altering the kinetics of cell division or cell death | 1 Jolly, CJ*<br>2 Kohonen-Corish, MR<br>3 Hodgkin, PD<br>4 Hasbold, J |
| 8-10 | Fusion of rat embryo palatal shelves <i>in vitro</i> prevented by the smooth muscle relaxant papaverine                                 | 1 Tazawa, YM*<br>2 Hunter, N<br>3 Gibbins, JR                         |
| 8-11 | The effects of exposure to electromagnetic fields similar to those produced by overhead powerlines upon DNA fragmentation               | 1 Nangia, A*<br>2 Darendeliler, MA<br>3 Zoellner, H<br>4 Walker, DM   |

|      |  |                                 |  |
|------|--|---------------------------------|--|
| 8-12 | Towards identifying the genetic origin of respiratory chain defects                      | 1<br>2<br>3<br>4<br>5<br>6<br>7 | Minchenko, DV (J)*<br>Williams, AJ<br>Thorburn, DR<br>Newbold, RF<br>Reddel, RR<br>Trounce, IA<br>Christodoulou, J |
| 8-13 | Patterns of nuclear BrDu labelling suggest DNA synthesis is initiated as a temporal wave | 1<br>2<br>3<br>4<br>5           | Chapman, TA*<br>Carrol, C<br>Medbury, H<br>Comis, A<br>Zoellner, H   |

## Session 9 Clinical Neuroscience

**Chairs:** Dr JJ Kril and  
Associate Professor RL Tate  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Lawson (Seating capacity = 200)

| ID:  | Title:  | Author(s) [* = presenting] |                     |
|------|---|----------------------------|---------------------|
| 9-1  | West Nile Virus Encephalitis – pathogenesis of disease  | 1                          | Shrestha, B*        |
|      |   | 2                          | Karupiah, G         |
|      |   | 3                          | Chaudhri, G         |
|      |   | 4                          | Kril, JJ            |
|      |   | 5                          | King, NJC           |
| 9-2  | Expression of haem oxygenase-1 in murine cerebral malaria   | 1                          | Ball, HJ*           |
|      |   | 2                          | Driussi, C          |
|      |   | 3                          | Potter, SM          |
|      |   | 4                          | Hunt, NH            |
| 9-3  | Measuring posttraumatic amnesia after traumatic brain injury  | 1                          | Tate, RL*           |
|      |   | 2                          | Pfaff, A            |
|      |   | 3                          | Jurjevic, L         |
| 9-4  | Neuropsychological assessment of flexibility in patients with frontal lesions   | 1                          | Tate, RL*           |
|      |   | 2                          | Perdices, M         |
| 9-5  | Diagnosing dementia - the role of brain SPECT in rural NSW  | 1                          | Logan-Sinclair, PA* |
|      |   | 2                          | Cowell, SF          |
|      |   | 3                          | Greenough, R        |
| 9-6  | Specificity of inflammatory pathology for Alzheimer's disease   | 1                          | Shepherd, CE*       |
|      |   | 2                          | Kril, JJ            |
|      |   | 3                          | Halliday, GM        |
| 9-7  | Neuron loss from the hippocampus of Alzheimer's disease is not solely as a result of neurofibrillary tangle formation | 1                          | Kril, JJ*           |
|      |   | 2                          | Patel, S            |
|      |   | 3                          | Harding, AJ         |
|      |   | 4                          | Halliday, GM        |
| 9-8  | Subcortical infarction and leukoariosis: predictors of incident dementia in a 6 year longitudinal study               | 1                          | Bennett, HP*        |
|      |   | 2                          | Corbett, AJ         |
|      |   | 3                          | Gaden, S            |
|      |   | 4                          | Grayson, DA         |
|      |   | 5                          | Broe, GA            |
| 9-9  | Microvascular changes in the parietal cortex in dementia  | 1                          | Waley, P*           |
|      |   | 2                          | Kril, JJ            |
| 9-10 | Quantitative analysis of brain volumes in schizophrenia- a post mortem study  | 1                          | Arianayagam, M*     |
|      |   | 2                          | Sarris, M           |
|      |   | 3                          | Garrick, TM         |
|      |   | 4                          | Harper, CG          |
| 9-11 | Schizophrenia and the "Breasts of the Brain" (Mamillary bodies)   | 1                          | Garrick, TM*        |
|      |   | 2                          | Sarris, M           |
|      |   | 3                          | Harper, CG          |
|      |   | 4                          | Pamphlett, RS       |
| 9-12 | Characteristics of a dataset for studying the neuropathology of SIDS  | 1                          | Machaalani, R*      |
|      |   | 2                          | Waters, KA          |

## Session 10 Measurement in Public Health

**Chair:** Associate Professor J Hall  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Wentworth (Seating capacity = 200)

| ID:   | Title:   | Author(s)[*= presenting] |                       |
|-------|--|--------------------------|-----------------------|
| 10-1  | New approaches to assessing benefits in the economic evaluation of public health programs  | 1                        | Hall, J*              |
|       |  | 2                        | Viney, R              |
|       |  | 3                        | Haas, MR              |
| 10-2  | Using qualitative research to identify attributes for stated preference discrete choice modelling  | 1                        | Haas, MR*             |
|       |  | 2                        | Hall, J               |
|       |  | 3                        | De Abreu Lourenco, R  |
| 10-3  | The use of DCM in an economic evaluation of preventative asthma medication   | 1                        | Lanscar, E*           |
|       |  | 2                        | Hall, J               |
|       |  | 3                        | Jenkins, C            |
|       |  | 4                        | Kenny, P              |
| 10-4  | Economic evaluation of genetic screening using choice modelling  | 1                        | De Abreu Lourenco, R* |
|       |  | 2                        | Hall, J               |
|       |  | 3                        | Viney, R              |
|       |  | 4                        | Haas, MR              |
|       |  | 5                        | King, M               |
|       |  | 6                        | Kenny, P              |
| 10-5  | Breast screening participation - can stated preference modelling inform policy makers  | 1                        | Shanahan, M*          |
|       |  | 2                        | Gerard, K             |
|       |  | 3                        | Louviere, JJ          |
|       |  | 4                        | Riley, J              |
| 10-6  | Using stated preference discrete choice modelling to predict parents' choices in childhood immunisation  | 1                        | Hall, J               |
|       |  | 2                        | Kenny, P*             |
|       |  | 3                        | King, M               |
|       |  | 4                        | Louviere, JJ          |
|       |  | 5                        | Viney, R              |
|       |  | 6                        | Yeoh, A               |
| 10-7  | Willingness to pay techniques: are they acceptable to consumers?   | 1                        | Taylor, SJ*           |
|       |  | 2                        | Armour, CL            |
| 10-8  | The impact of a collaborative domiciliary medication review service on medication numbers and costs  | 1                        | Chen, TF*             |
|       |  | 2                        | Bennett, AA           |
|       |  | 3                        | Smith, C              |
| 10-9  | Group homes and semi-independent living for people with intellectual disability: a matched comparison of outcomes and costs  | 1                        | Stancliffe, RJ*       |
| 10-10 | Consumer Medicine Information: preliminary data on its impacts and the factors affecting use by consumers  | 1                        | Koo, M                |
|       |  | 2                        | Krass, I              |
|       |  | 3                        | Aslani, P*            |
| 10-11 | Auditing the of care of the region's newest and tiniest patients by the Australian and New Zealand Neonatal Network  | 1                        | Donoghue, DA*         |
| 10-12 | School vision screening: an outcome study  | 1                        | Wilcox, LM*           |
|       |  | 2                        | Cornell, ED           |
| 10-13 | Predicting population increases of the pest mosquito, <i>Aedes vigilax</i> (Skuse), using climatic variables of temperature, tide and rainfall at Homebush Bay, Sydney | 1                        | Webb, CE*             |
|       |  | 2                        | Russell, RC           |

## Session 11 Metabolism

**Chair:** Dr AJ McLachlan  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Pioneers (Seating capacity = 160)

### Xenobiotics

| ID:  | Title:  | Author(s)[* = presenting]   |
|------|---|---|
| 11-1 | Folate fortification: potential impact on folate intake in an older population                                    | 1 Flood, VM*<br>2 Webb, K<br>3 Bantick, J<br>4 Mitchell, RP<br>5 Smith, W<br>6 Macintyre, R<br>7 Sindhusake, D<br>8 Rubin, GL |
| 11-2 | Is neuromuscular paralysis a potential pharmacological probe for assessing liver function during transplantation? | 1 Gao, L*<br>2 Ramzan, IM<br>3 Baker, AB  |
| 11-3 | Distribution of tacrolimus in human blood   | 1 Zahir, H*<br>2 McLachlan, AJ<br>3 Nand, RA<br>4 Tattam, BN<br>5 Brown, KF   |
| 11-4 | Stability of ginger constituents in simulated gastric fluid   | 1 Bhattarai, S*<br>2 Tran, VH<br>3 Duke, CC   |

### Liver and Gut

| ID:  | Title:   | Author(s)[* = presenting]   |
|------|--|---|
| 11-5 | Long-term clinical outcome of nonalcoholic steatohepatitis   | 1 Chitturi, S<br>2 Phung, TN*<br>3 Fung, C<br>4 Liddle, C<br>5 Farrell, GC<br>6 Samarasinghe, DA<br>7 Lin, R<br>8 George, J |
| 11-6 | Can artificial neural networks enhance the diagnosis of oesophageal motility disorders?            | 1 Santos, R<br>2 Maddalena, DJ<br>3 Hansen, RD*<br>4 Smith, RC<br>5 Kellow, JE  |
| 11-7 | Gastric tonometry & enteral feeding: a possible conflict in critical care nursing practice         | 1 Marshall, AP*<br>2 West, SH   |
| 11-8 | Non-cardiac chest pain: prevalence, risk factors, impact and consulting – a population-based study | 1 Eslick, GD*<br>2 Jones, MP<br>3 Talley, NJ  |
| 11-9 | The role of haemochromatosis gene mutations in nonalcoholic steatohepatitis                        | 1 Chitturi, S<br>2 Phung, TN*<br>3 Fung, C<br>4 Liddle, C<br>5 Farrell, GC<br>6 Samarasinghe, DA<br>7 Lin, R<br>8 George, J |

### Metabolic Disorders

| ID:   | Title:   | Author(s)[* = presenting]   |
|-------|--|---|
| 11-10 | Metabolic predictors of weight gain in obese women during a seven-year follow up | 1 Hiura, Y*<br>2 Birmingham, MA<br>3 Mahajan, D<br>4 Steinbeck, K |

|       |   |   |                |
|-------|---|---|----------------|
| 11-11 | Finding the 'person' in weight control. A report on a qualitative study of women attending a weight control program | 1 | Reynolds, P*   |
|       |   | 2 | Gray, WL       |
|       |   | 3 | Redenbach, JR  |
|       |   | 4 | Harris, A      |
|       |   | 5 | Daley, WH      |
|       |   | 6 | Higgins, LC    |
|       |   | 7 | Turton, AJ     |
| 11-12 | The shame and guilt of being an obese woman   | 1 | Redenbach, JR* |
|       |   | 2 | Daley, WH      |
|       |   | 3 | Harris, A      |
|       |   | 4 | Higgins, LC    |
|       |   | 5 | Gray, WL       |
|       |   | 6 | Reynolds, P    |
|       |   | 7 | Turton, AJ     |
| 11-13 | Evaluation of a cognitive-behavioural non-dieting approach to long term weight management                           | 1 | Gray, WL*      |
|       |   | 2 | Daley, WH      |
|       |   | 3 | Harris, A      |
|       |   | 4 | Higgins, LC    |
|       |   | 5 | Redenbach, JR  |
|       |   | 6 | Reynolds, P    |
|       |   | 7 | Turton, AJ     |

## Session 12 Kidney and Skin

**Chair:** Professor CA Pollock  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Governors (Seating capacity = 150)

| ID:   | Title:   | Author(s)[*= presenting] |                 |
|-------|--|--------------------------|-----------------|
| 12-1  | Effects of LDL on growth responses in human proximal tubular cells                             | 1                        | Zafiriou, S*    |
|       |  | 2                        | Jessup, W       |
|       |  | 3                        | Poronnik, P     |
|       |  | 4                        | Pollock, CA     |
| 12-2  | Renal tubulointerstitial pathology: effects of high glucose and hypoxia                        | 1                        | Qi, W*          |
|       |  | 2                        | Poronnik, P     |
|       |  | 3                        | Jackson, CJ     |
|       |  | 4                        | Field, MJ       |
|       |  | 5                        | Pollock, CA     |
| 12-3  | The effects of albumin on growth and sodium uptake in human kidney proximal tubule cells       | 1                        | Lee, EMT*       |
|       |  | 2                        | Pollock, CA     |
|       |  | 3                        | Barden, JA      |
|       |  | 4                        | Poronnik, P     |
| 12-4  | Transcriptional dysregulation of SGK by elevated glucose in human proximal tubule cells        | 1                        | Saunders, HJ*   |
|       |  | 2                        | Lee, EMT        |
|       |  | 3                        | Pollock, CA     |
|       |  | 4                        | Lang, F         |
|       |  | 5                        | Cook, DI        |
|       |  | 6                        | Poronnik, P     |
| 12-5  | T cell receptor BV gene usage in interstitial cellular infiltrates in active Heymann nephritis | 1                        | Wu, H*          |
|       |  | 2                        | Zhang, GY       |
|       |  | 3                        | Knight, JF      |
| 12-6  | Glomerular T cells in Heymann nephritis  | 1                        | Walters, G*     |
|       |  | 2                        | Wu, H           |
|       |  | 3                        | Knight, JF      |
| 12-7  | A dominant TCR V $\beta$ rearrangement in T-cells infiltrating rejecting mutant skin allograft | 1                        | Hu, M*          |
|       |  | 2                        | Zhang, GY       |
|       |  | 3                        | Knight, JF      |
| 12-8  | Sequence and diversity of the rat delta T cell receptor  | 1                        | Watson, D*      |
|       |  | 2                        | Ando, T         |
|       |  | 3                        | Knight, JF      |
| 12-9  | Genetic analysis of an IL-13 promoter polymorphism in atopic dermatitis                        | 1                        | Matulich, JC*   |
|       |  | 2                        | Bennetts, BH    |
|       |  | 3                        | Chee, PG        |
|       |  | 4                        | Wong, LCF       |
|       |  | 5                        | Fulcher, DA     |
|       |  | 6                        | Hogan, P        |
|       |  | 7                        | Stewart, GJ     |
| 12-10 | Genetic variation in interleukin 10 (IL-10) and the pathogenesis of atopic dermatitis          | 1                        | Wong, LCF*      |
|       |  | 2                        | Bennetts, BH    |
|       |  | 3                        | Chee, PG        |
|       |  | 4                        | Matulich, JC    |
|       |  | 5                        | Fulcher, DA     |
|       |  | 6                        | Stewart, GJ     |
| 12-11 | Treatment of tinea pedis with 25% and 50% tea tree oil solution                                | 1                        | Satchell, A C*  |
|       |  | 2                        | Saurajen, A     |
|       |  | 3                        | Bell, CJ        |
|       |  | 4                        | Barnetson, RStC |

## Session 13 Muscle

**Chairs:** Associate Professor KN North and  
Associate Professor NJ O'Dwyer  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Norman Lindsay (Seating capacity = 100)

| ID:   | Title:  | Author(s) [* = presenting] |                 |
|-------|---|----------------------------|-----------------|
| 13-1  | Muscle disease associated with cholesterol lowering drugs                         | 1                          | Yang, F*        |
|       |   | 2                          | Pollard, JD     |
| 13-2  | Nemaline myopathy due to mutations in the skeletal muscle $\alpha$ -actin Gene    | 1                          | Ilkovski, B*    |
|       |   | 2                          | Nowak, K        |
|       |   | 3                          | Ryan,           |
|       |   | 4                          | Schnell, C      |
|       |   | 5                          | Yang, N         |
|       |   | 6                          | Gunning, P      |
|       |   | 7                          | Hardeman, EC    |
|       |   | 8                          | Laing, N        |
|       |   | 9                          | North, KN       |
| 13-3  | The evolution of $\alpha$ -Actinin-3 in skeletal muscle                           | 1                          | Yang, N*        |
|       |   | 2                          | Mills, M        |
|       |   | 3                          | Weinberger, RP  |
|       |   | 4                          | Easteal, S      |
|       |   | 5                          | Beggs, A        |
|       |   | 6                          | North, KN       |
| 13-4  | Quantification of lower limb posture in neuromuscular disease                     | 1                          | Redmond, AC*    |
|       |   | 2                          | Crosbie, JW     |
|       |   | 3                          | Peat, JK        |
|       |   | 4                          | Ouvrier, RA     |
| 13-5  | Measurement of skeletal muscle mass in postmenopausal women                       | 1                          | Hansen, RD*     |
|       |   | 2                          | Raja, C         |
|       |   | 3                          | Aslani, A       |
|       |   | 4                          | Smith, RC       |
|       |   | 5                          | Allen, BJ       |
| 13-6  | Loss of dexterity is associated with excessive muscle activation following stroke | 1                          | Canning, CG*    |
|       |   | 2                          | Ada, LM         |
|       |   | 3                          | O'Dwyer, NJ     |
| 13-7  | Does spasticity cause contracture following stroke?                               | 1                          | Ada, LM*        |
|       |   | 2                          | O'Dwyer, NJ     |
|       |   | 3                          | Pitman, EP      |
| 13-8  | The NSW motor neuron disease DNA bank   | 1                          | Pamphlett, RS   |
|       |   | 2                          | Radford, JL*    |
| 13-9  | CTLA-4 and interleukin-7 receptor gene associations in multiple sclerosis         | 1                          | Teutsch, SM*    |
|       |   | 2                          | Bennetts, BH    |
|       |   | 3                          | Adams, S        |
|       |   | 4                          | Perich, V       |
|       |   | 5                          | Heard, RNS      |
|       |   | 6                          | Stewart, GJ     |
| 13-10 | LC-MS/MS assay of succinylcholine (suxamethonium) in human plasma                 | 1                          | Garlapati, RVR* |
|       |   | 2                          | Ramzan, IM      |
|       |   | 3                          | Tattam, BN      |
|       |   | 4                          | Tran, VH        |
| 13-11 | Partition coefficient (Kp) of the neuromuscular blocking drugs (NMBDs)            | 1                          | Ghaly, BJ*      |
|       |   | 2                          | Ramzan, IM      |

## Session 14 Bacterial Diseases

**Chair:** Professor TC Sorrell  
**Time:** Wednesday 1 November 3.20pm  
**Venue:** Misty's (Seating capacity = 70)

### Virulence and Pathogenesis

| ID:  | Title:   | Author(s)[* = presenting]   |
|------|--|---|
| 14-1 | Improved monitoring of gene expression in mycobacteria                                     | 1 Triccas, JA*<br>2 Spratt, JM<br>3 Britton, WJ                               |
| 14-2 | In search of a <i>Bartonella henselae</i> virulence type                                   | 1 Kyme, PA*<br>2 Dillon, B<br>3 Don, R<br>4 Groot Obbink, KL<br>5 Iredell, JR |
| 14-3 | Mutagenesis and screening in a fastidious cell-associated bacterium                        | 1 Groot Obbink, KL<br>2 Dillon, B<br>3 Iredell, JR*                           |
| 14-4 | Lymphotoxin- $\alpha$ is essential in the host response to <i>M.tuberculosis</i> infection | 1 Roach, DR*<br>2 Briscoe, H<br>3 Britton, WJ                                 |

### Molecular Epidemiology and Linkage Analysis

| ID:  | Title:  | Author(s)[* = presenting]   |
|------|---|---|
| 14-5 | Molecular epidemiology of <i>Cryptococcus neoformans</i>  | 1 Kidd, SE*<br>2 Maszewska, K<br>3 Sorrell, TC<br>4 Meyer, W  |
| 14-6 | Molecular epidemiology and evolution of community acquired methicillin-resistant <i>Staphylococcus aureus</i>                   | 1 Watson, J<br>2 Pegler, MAM<br>3 Rose, BR*<br>4 Givney, RC<br>5 Vickery, AM<br>6 Merlino, J<br>7 Harbour, C                                |
| 14-7 | Linkage analysis of systemic lupus erythematosus induced in diabetes-prone nonobese diabetic mice by <i>Mycobacterium bovis</i> | 1 Jordan, M*<br>2 Silveira, PA<br>3 Shepherd, D<br>4 Chu, C<br>5 Kinder, SJ<br>6 Chen, J<br>7 Palmisano, L<br>8 Poulton, LD<br>9 Baxter, AG |

### Clinical Microbiology/ Infectious Diseases

| ID:   | Title:  | Author(s)[* = presenting]   |
|-------|---|---|
| 14-8  | Molecular typing of <i>Pseudomonas aeruginosa</i> isolates with increased virulence from cystic fibrosis patients receiving a novel treatment       | 1 Anthony, M<br>2 Bye, PTP<br>3 Rose, BR*<br>4 Elkins, M<br>5 Pegler, MAM<br>6 Harbour, C |
| 14-9  | Phenotypic and genotypic detection and identification of multi-drug and non multi-drug resistant methicillin resistant <i>Staphylococcus aureus</i> | 1 Merlino, J*<br>2 Pegler, MAM<br>3 Watson, J<br>4 Bradbury, R<br>5 Harbour, C            |
| 14-10 | Risk factors for postoperative infections in surgical patients. Does antibiotic prophylaxis work?   | 1 Shao, JB*<br>2 Brock, KE<br>3 Lee, G  |

## Session 15 Respiratory

**Chairs:** Professor CL Armour and  
Professor JL Black  
**Time:** Thursday 2 November 10.20am  
**Venue:** Blaxland (Seating capacity = 200)

| ID:   | Title:  | Author(s) [* = presenting] |                 |
|-------|---|----------------------------|-----------------|
| 15-1  | Airway smooth muscle cell proliferation is increased in asthma  | 1                          | Johnson, PRA*   |
|       |   | 2                          | Roth, M         |
|       |   | 3                          | Tamm, M         |
|       |   | 4                          | Hughes, JM      |
|       |   | 5                          | Ge, Q           |
|       |   | 6                          | King, G         |
|       |   | 7                          | Black, JL       |
| 15-2  | Extracellular calcium but not magnesium appears to modulate the chloride defect in Cystic Fibrosis                                  | 1                          | Middleton, PG*  |
|       |   | 2                          | Pollard, KA     |
|       |   | 3                          | Geddes, DN      |
|       |   | 4                          | Alton, EFWF     |
| 15-3  | Extracellular signal regulated protein kinase activation and mitogen induced cell proliferation in human airway smooth muscle cells | 1                          | Lee, JH*        |
|       |   | 2                          | Johnson, PRA    |
|       |   | 3                          | Roth, M         |
|       |   | 4                          | Hunt, NH        |
|       |   | 5                          | Black, JL       |
| 15-4  | Flow-cytometric detection of intracellular GM-CSF in human airway smooth muscle cells (ASMC)  | 1                          | Sukkar, MB*     |
|       |   | 2                          | Hughes, JM      |
|       |   | 3                          | Johnson, PRA    |
|       |   | 4                          | Armour, CL      |
| 15-5  | Growth factor-induced release of MMP-2 in mesothelioma cell lines   | 1                          | Parsons, HK*    |
|       |   | 2                          | Tamm, M         |
|       |   | 3                          | Johnson, PRA    |
|       |   | 4                          | Black, JL       |
|       |   | 5                          | Robinson, BWS   |
|       |   | 6                          | Roth, M         |
| 15-6  | Implementation of new technologies for the analysis of gene expression at the University of Sydney                                  | 1                          | Burgess, JK*    |
|       |   | 2                          | Hunt, NH        |
|       |   | 3                          | Hazelton, RH    |
|       |   | 4                          | Black, JL       |
| 15-7  | Novel utilisation of digital photography to measure inflammation of the throat in subjects with upper respiratory tract infections  | 1                          | Gelgor, L*      |
|       |   | 2                          | Benrimoj, SI    |
| 15-8  | Role of protease-activated receptor-2 in human airways  | 1                          | Chambers, LS*   |
|       |   | 2                          | Johnson, PRA    |
|       |   | 3                          | Black, JL       |
| 15-9  | Stem cell factor production in asthmatic and non-asthmatic human airway smooth muscle cells   | 1                          | Page, S*        |
|       |   | 2                          | Sukkar, MB      |
|       |   | 3                          | Black, JL       |
|       |   | 4                          | Armour, CL      |
| 15-10 | Studies of prenatal influences on neonatal respiratory control in rats  | 1                          | Davies, AN*     |
|       |   | 2                          | Su, T           |
|       |   | 3                          | Sullivan, CE    |
| 15-11 | Surface tension of upper airway lining liquid   | 1                          | Kirkness, JP*   |
|       |   | 2                          | Amis, TC        |
|       |   | 3                          | Christenson, HK |
|       |   | 4                          | Wheatley, JR    |
| 15-12 | Synergistic actions of low concentration corticosteroid and long acting $\beta_2$ agonist on T lymphocyte proliferation             | 1                          | Seeto, CKY*     |
|       |   | 2                          | Roth, M         |
|       |   | 3                          | Hughes, JM      |
|       |   | 4                          | Johnson, PRA    |
|       |   | 5                          | Black, JL       |
|       |   | 6                          | Armour, CL      |
| 15-13 | The epithelial-barrier and <i>in vitro</i> hypersensitivity in human bronchial segments   | 1                          | McParland, BE*  |
|       |   | 2                          | Johnson, PRA    |
|       |   | 3                          | Armour, CL      |
|       |   | 4                          | Black, JL       |

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|       |  |   |                |
|-------|--|---|----------------|
| 15-14 | Transmission of upper airway pressure oscillations to the carotid artery | 1 | Kairaitis, LK* |
|       |  | 2 | Garlick, SR    |
|       |  | 3 | Kirkness, JP   |
|       |  | 4 | Amis, TC       |
|       |  | 5 | Wheatley, JR   |

## Session 16 Community Health

**Chair:** Professor L Bennett  
**Time:** Thursday 2 November 10.20am  
**Venue:** Lawson (Seating capacity = 200)

| <i>ID:</i> | <i>Title:</i>  | <i>Author(s)[*= presenting]</i> |                |
|------------|--|---------------------------------|----------------|
| 16-1       | Impact of visual impairment on older persons and their community   | 1                               | Wang, JJ*      |
|            |  | 2                               | Mitchell, RP   |
|            |  | 3                               | Cumming, RG    |
|            |  | 4                               | Smith, W       |
| 16-2       | Validation of self-reported hearing loss   | 1                               | Sindhusake, D* |
|            |  | 2                               | Mitchell, RP   |
|            |  | 3                               | Smith, W       |
|            |  | 4                               | Golding, M     |
|            |  | 5                               | Newall, P      |
|            |  | 6                               | Hartley, DG    |
|            |  | 7                               | Rubin, GL      |
| 16-3       | Use of Goal Attainment Scaling with older people in the design and evaluation of health care   | 1                               | Gething, L     |
|            |  | 2                               | Fethney, J     |
|            |  | 3                               | Carey, CL*     |
| 16-4       | Family wellbeing for families of children with disabilities  | 1                               | Thompson, KM*  |
|            |  | 2                               | Llewellyn, GM  |
|            |  | 3                               | Whybrow, SJ    |
|            |  | 4                               | Bratel, J      |
| 16-5       | Traumatically acquired disability and ageing   | 1                               | Gething, L     |
|            |  | 2                               | Fethney, J*    |
| 16-6       | The impact of posttraumatic stress on work skills and work task completion   | 1                               | Matthews, LR*  |
|            |  | 2                               | Chinnery, DL   |
| 16-7       | Posttraumatic cognitions and employability - preliminary findings  | 1                               | Matthews, LR*  |
| 16-8       | Suicidality after traumatic brain injury   | 1                               | Simpson, GK*   |
|            |  | 2                               | Tate, RL       |
| 16-9       | Health status measurement of cardiac surgery patients using SF-36 and 15D: level of agreement between index and proxy respondents                                  | 1                               | Elliott, DJ*   |
|            |  | 2                               | Leeder, SR     |
| 16-10      | Psychological distress does not predict health care seeking behaviour for gastrointestinal symptoms over time in community subjects with functional abdominal pain | 1                               | Koloski, NA*   |
|            |  | 2                               | Boyce, PM      |
|            |  | 3                               | Talley, NJ     |
| 16-11      | Scabies eradication program in a large aboriginal community  | 1                               | Wong, LCF*     |
|            |  | 2                               | Amega, B       |
|            |  | 3                               | Barker, R      |
|            |  | 4                               | Connors, C     |
|            |  | 5                               | Lee, R         |
|            |  | 6                               | Cumaiyi, M     |
|            |  | 7                               | Dulla, M       |
|            |  | 8                               | Kolumboort, L  |
|            |  | 9                               | Ninnal, A      |
|            |  | 10                              | Currie, B      |
|            |  | 11                              | Anderson, C    |
|            |  | 12                              | Stewart, GJ    |
| 16-12      | Wellbeing: what does it mean for mothers of young children?  | 1                               | Griffin, SD*   |

## Session 17

### Immunity: Methods, Models and the MHC

**Chairs:** *Dr AG Baxter and  
Dr PD Hodgkin*

**Time:** *Thursday 2 November 10.20am*

**Venue:** *Governors (Seating capacity = 150)*

#### Methods

| ID:  | Title:  | Author(s) [* = presenting] |              |
|------|---|----------------------------|--------------|
| 17-1 | A high throughput screening approach to gene therapy reagents | 1                          | Green, BJ*   |
|      |   | 2                          | Rasko, JEJ   |
| 17-2 | Flow cytometric cell division tracking using nuclei           | 1                          | Hasbold, J*  |
|      |   | 2                          | Hodgkin, PD  |
| 17-3 | Measuring the cellular calculus: T cell proliferation         | 1                          | Gett, AV     |
|      |   | 2                          | Hodgkin, PD* |

#### Models

| ID:  | Title:   | Author(s) [* = presenting] |                          |
|------|--|----------------------------|--------------------------|
| 17-4 | A model linking the 'clean' environment with autoimmune disease and allergy  | 1                          | Fazekas de St. Groth, B* |
|      |  | 2                          | Koh, WP                  |
| 17-5 | Initial precursor frequency has a minimal effect on the magnitude of the primary murine CD4 T cell response              | 1                          | Smith, AL*               |
|      |  | 2                          | Fazekas de St. Groth, B  |
| 17-6 | The mechanism of NKT cell protection from Type 1 diabetes in NOD mice  | 1                          | Poulton, LD*             |
|      |  | 2                          | Hammond, KJL             |
|      |  | 3                          | Shepherd, D              |
|      |  | 4                          | Hawke, CG                |
|      |  | 5                          | Godfrey, DI              |
|      |  | 6                          | Baxter, AG               |
| 17-7 | Treatment of acute adjuvant induced arthritis in rats using peptides that inhibit T cell antigen receptor (TCR) function | 1                          | Kurosaka, N*             |
|      |  | 2                          | Manolios, N              |

#### The MHC

| ID:   | Title:   | Author(s) [* = presenting] |                |
|-------|--|----------------------------|----------------|
| 17-8  | Biological consequence of reverse signalling through membrane tumour necrosis factor (mTNF)                                    | 1                          | Theodoratos, A |
|       |  | 2                          | Watts, AD      |
|       |  | 3                          | Karupiah, G    |
|       |  | 4                          | Hunt, NH       |
|       |  | 5                          | Chaudhri, G*   |
| 17-9  | Synergy between TNF-Alpha and TGF-Beta in activation of apoptosis in cultured endothelium is only seen in the absence of serum | 1                          | Emmanuel, C*   |
|       |  | 2                          | Foo, E         |
|       |  | 3                          | Chapman, TA    |
|       |  | 4                          | Comis, A       |
|       |  | 5                          | Zoellner, H    |
| 17-10 | The role of MHC in the expression of autoimmunity in the NOD mouse model of systemic lupus erythematosus                       | 1                          | Hawke, CG*     |
|       |  | 2                          | Jordan, M      |
|       |  | 3                          | Poulton, LD    |
|       |  | 4                          | Baxter, AG     |
| 17-11 | The val/gly dimorphism at residue 86 of HLA-DRB1: structural aspects of a polymorphism associated with multiple sclerosis      | 1                          | Tinning, MW*   |
|       |  | 2                          | Fields, B      |
|       |  | 3                          | Williamson, P  |

## Session 18 Reproduction and Sexuality

**Chair:** Professor ME Chamberlain  
**Time:** Thursday 2 November 10.20am  
**Venue:** Pioneers (Seating capacity = 160)

| ID:   | Title:   | Author(s)[*= presenting] |                 |
|-------|--|--------------------------|-----------------|
| 18-1  | Towards more safe and cost effective treatment for infertility   | 1                        | Catt, J*        |
|       |  | 2                        | Jansen, RPS     |
| 18-2  | Estimation of optimal day for oocyte retrieval using patient variables and artificial neural networks                            | 1                        | Matthews, ST*   |
|       |  | 2                        | Maddalena, DJ   |
|       |  | 3                        | Ryan, J         |
|       |  | 4                        | Spence, I       |
| 18-3  | Scanning electron microscopy as a tool to determine hormonal priming for a successful pregnancy                                  | 1                        | Adams, SM*      |
|       |  | 2                        | Terry, V        |
|       |  | 3                        | Murphy, CR      |
| 18-4  | ZO-1 and claudin-1 in tight junctions of uterine epithelial cells  | 1                        | Orchard, MD*    |
|       |  | 2                        | Murphy, CR      |
| 18-5  | Proteolysis of insulin-like growth factor binding protein-3 (IGFBP-3) and its role in regulating the bioavailability of the IGFs | 1                        | Payet, DL*      |
|       |  | 2                        | Baxter, RC      |
|       |  | 3                        | Firth, SM       |
| 18-6  | Aetiology and presentation of Peyronie's disease (penile induration) <i>in</i> a specialised sexual health clinic                | 1                        | Johnson, HM*    |
|       |  | 2                        | Weerakoon, P    |
| 18-7  | Peripheral interleukin-10 production is attenuated in pre-eclampsia <i>in vitro</i>  | 1                        | Orange, SJ*     |
|       |  | 2                        | Hennessy, A     |
|       |  | 3                        | Tiller, DJ      |
|       |  | 4                        | Horvath, JS     |
| 18-8  | A comparison of Dinoprostone and Misoprostol in induction of labour  | 1                        | Nelson, JA*     |
|       |  | 2                        | Taylor, SJ      |
| 18-9  | Labour induction at term: characteristics and outcomes   | 1                        | Allnutt, J      |
|       |  | 2                        | Smith, LD*      |
| 18-10 | Pain relief in labour  | 1                        | Boughton, MA*   |
|       |  | 2                        | Allnutt, J      |
|       |  | 3                        | Shea, A         |
| 18-11 | Improving bladder outcomes for childbearing women  | 1                        | Stainton, MC*   |
|       |  | 2                        | Plymat, KR      |
|       |  | 3                        | Hayes, LJ       |
|       |  | 4                        | Reynolds, M     |
|       |  | 5                        | Murphy, BF      |
|       |  | 6                        | Jarvis, S       |
|       |  | 7                        | Rubin, GL       |
| 18-12 | Low birth weight babies and "Baby Capsules". Is there an effect?   | 1                        | Dawson, JA*     |
|       |  | 2                        | Stainton, MC    |
| 18-13 | The effect of body position on oxygenation, frequency of apnoea & enteral feeding patterns in the preterm infant                 | 1                        | Bredemeyer, SL* |
|       |  | 2                        | West, SH        |

## Session 19

### Psychophysiology and Psychology

**Chair:** Professor SM Dunn  
**Time:** Thursday 2 November 10.20am  
**Venue:** Wentworth (Seating capacity = 200)

| ID:   | Title:   | Author(s)[*= presenting] |                 |
|-------|--|--------------------------|-----------------|
| 19-1  | A new treatment option for intractable Obsessive Compulsive Washers                                      | 1                        | Krochmalik, A*  |
|       |  | 2                        | Jones, MK       |
|       |  | 3                        | Menzies, RG     |
| 19-2  | An analysis of the relationship between mood states, sense of self and flow in anorexia nervosa patients | 1                        | Scicluna, HA*   |
|       |  | 2                        | Butow, PN       |
|       |  | 3                        | Warren, B       |
|       |  | 4                        | Beumont, PJ     |
|       |  | 5                        | Russell, JD     |
|       |  | 6                        | Touyz, SW       |
| 19-3  | Chronic fatigue syndrome and experiences of self: Preliminary findings                                   | 1                        | Travers, MK*    |
|       |  | 2                        | Bennett, L      |
| 19-4  | Chronobiology & shiftwork: a psychological & physiological exploration                                   | 1                        | West, SH*       |
|       |  | 2                        | Bennett, L      |
|       |  | 3                        | Byrnes, MI      |
|       |  | 4                        | Matheson, A     |
| 19-5  | Identifying the young athlete at-risk of stress and burnout  | 1                        | Stynes, JA*     |
|       |  | 2                        | Adamson, BJ     |
|       |  | 3                        | Hough, MJ       |
| 19-6  | Singing is good medicine   | 1                        | Unwin, MM       |
|       |  | 2                        | Kenny, DT*      |
|       |  | 3                        | Davis, PJ       |
| 19-7  | The standard of ocular convergence in children with reading problems                                     | 1                        | Wulff, JE*      |
|       |  | 2                        | Cornell, ED     |
|       |  | 3                        | Moss, ND        |
| 19-8  | Developing living skills in children with vision impairment  | 1                        | Johnston, CF*   |
|       |  | 2                        | Flavel, RE      |
|       |  | 3                        | Lunn, H         |
| 19-9  | Recruitment of children in randomised controlled trials  | 1                        | Caldwell, PHY*  |
|       |  | 2                        | Craig, JC       |
|       |  | 3                        | Butow, PN       |
| 19-10 | Should a patient's clinical history be included on request forms for diagnostic tests?                   | 1                        | Loy, C*         |
|       |  | 2                        | Irwig, LM       |
| 19-11 | Psychosocial predictors of pain and depression in RA patients  | 1                        | Covic, T*       |
|       |  | 2                        | Adamson, BJ     |
|       |  | 3                        | Hough, MJ       |
| 19-12 | Patient satisfaction with cancer pain management in a palliative care unit                               | 1                        | Neyle, DA*      |
|       |  | 2                        | Chan, CWD       |
| 19-13 | Sunscreen performance in the real world: The importance of using high SPF / broad spectrum sunscreens    | 1                        | Poon, TSC*      |
|       |  | 2                        | Halliday, GM    |
|       |  | 3                        | Barnetson, RStC |
| 19-14 | Public responses to immunisation controversies   | 1                        | Leask, JAE*     |
|       |  | 2                        | Chapman, SF     |
|       |  | 3                        | Hawe, HP        |
|       |  | 4                        | Burgess, M      |

## Session 20 Neuroscience

**Chair:** Associate Professor T Chan-Ling  
**Time:** Thursday 2 November 10.20am  
**Venue:** Misty's (Seating capacity = 70)

| ID:   | Title:  | Author(s)[*= presenting] |                 |
|-------|---|--------------------------|-----------------|
| 20-1  | Is the fetus at risk from exposure of the mother to mercury vapour?   | 1                        | Pamphlett, RS   |
|       |   | 2                        | Kum Jew, SP*    |
| 20-2  | Responses of respiratory-related cells in rat brainstem to central and peripheral stimuli   | 1                        | Subramanian, H* |
|       |   | 2                        | Huang, Z-G      |
|       |   | 3                        | Balnave, R      |
|       |   | 4                        | Chow, CM        |
|       |   | 5                        | Turman, AB      |
| 20-3  | Investigating tumour suppression mediated by high molecular weight tropomyosins   | 1                        | Hughes, JAI*    |
|       |   | 2                        | Loch, HM        |
|       |   | 3                        | Gunning, P      |
|       |   | 4                        | Weinberger, RP  |
| 20-4  | Tropomyosin isoform diversity controls neuronal cell structure via the regulation of microfilament organisation, dynamics and cellular tension    | 1                        | Bryce, NS*      |
|       |   | 2                        | Loch, HM        |
|       |   | 3                        | Tolhurst, O     |
|       |   | 4                        | Jeffrey, PL     |
|       |   | 5                        | Gunning, P      |
|       |   | 6                        | Weinberger, RP  |
| 20-5  | Covert spectral cues implicated in human sound localization   | 1                        | Jin, CT*        |
|       |   | 2                        | Carlile, S      |
|       |   | 3                        | van Schaik, A   |
| 20-6  | Separation of concurrent broadband noise sources  | 1                        | Best, VA*       |
|       |   | 2                        | Carlile, S      |
|       |   | 3                        | van Schaik, A   |
| 20-7  | Neural responses to auditory stimulation in free field and virtual space  | 1                        | Behrend, O*     |
|       |   | 2                        | Carlile, S      |
| 20-8  | Auditory motion after-effects using virtual auditory space  | 1                        | Kurilowich, RO* |
|       |   | 2                        | Carlile, S      |
| 20-9  | Electronic implementation of a 2-dimensional model of the cochlea   | 1                        | van Schaik, A*  |
| 20-10 | The effects of <i>cis</i> - and <i>trans</i> -3-aminocyclopentylcarboxylic acids and 4-aminocyclopent-1-ene-1-carboxylic acids on GABAC receptors | 1                        | Chebib, M*      |
|       |   | 2                        | Duke, RK        |
|       |   | 3                        | Allan, RD       |
|       |   | 4                        | Johnston, GAR   |
| 20-11 | Activation of an opioid-sensitive cation conductance hyperexcites periaqueductal grey neurons   | 1                        | Bagley, E*      |
|       |   | 2                        | Christie, MJ    |
| 20-12 | Opioid enhanced burst firing of action potentials in tonically active interneurons of the rat nucleus accumbens                                   | 1                        | Chieng, CH*     |
|       |   | 2                        | Williams, JT    |
|       |   | 3                        | Christie, MJ    |
| 20-13 | Effects of cannabinoids on neurons in the rat superficial medullary dorsal horn   | 1                        | Jennings, EA*   |
|       |   | 2                        | Vaughan, CW     |
|       |   | 3                        | Christie, MJ    |
| 20-14 | Development of novel vanilloid receptor antagonists as potential analgesics   | 1                        | Tran, VH*       |
|       |   | 2                        | Dedov, VN       |
| 20-15 | Comparative dissolution studies for poor water solubility drug powders prepared by supercritical fluid (SCF) technology                           | 1                        | Jiang, X*       |
|       |   | 2                        | Chan, H-K       |
|       |   | 3                        | Bustami, R      |
|       |   | 3                        | Duke, CC        |
|       |   | 4                        | Roufogalis, BD  |
| 20-16 | Validation of microdialysis technique for the PK/PD study of gallamine  | 1                        | Sasongko, LDN*  |
|       |   | 2                        | Williams, KM    |
|       |   | 3                        | Ramzan, IM      |
|       |   | 4                        | McLachlan, AJ   |

## Session 21 Skin and Colon Cancers

**Chairs:** Professor RF Kefford and  
Professor RStC Barnetson  
**Time:** Thursday 2 November 10.20am  
**Venue:** Norman Lindsay (Seating capacity = 100)

| ID:   | Title:   | Author(s) [* = presenting]   |
|-------|--|--|
| 21-1  | Effect of oxygen radical inhibition on UV induced skin cancer  | 1 Spinks, NL*<br>2 Yong, S<br>3 Halliday, GM   |
| 21-2  | Utilising laser capture microdissection to evaluate the pattern of p53 mutation in human skin  | 1 Agar, NS*<br>2 Nikolic, A<br>3 Barnetson, RA<br>4 Halliday, GM<br>5 Jones, AM  |
| 21-3  | Comparison of clonality, deletions and microsatellite instability in common benign melanocytic naevi and metastatic melanoma                               | 1 Indsto, JO*<br>2 Cachia, AR<br>3 Kefford, RF<br>4 Mann, GJ   |
| 21-4  | Genetic susceptibility to non-melanoma skin cancer   | 1 Thoo, CH-F*<br>2 Kefford, RF<br>3 Stewart, MM<br>4 Mann, GJ  |
| 21-5  | Zebrafish model of susceptibility to cutaneous melanoma  | 1 Badhwar, P*<br>2 Leischke, GJ<br>3 Mann, GJ  |
| 21-6  | Australian and international collaborative studies of familial melanoma  | 1 Holland, EA*<br>2 Schmid, H<br>3 Hopper, JL<br>4 Aitken, JA<br>5 Giles, GG<br>6 Armstrong, BK<br>7 Kefford, RF<br>8 Mann, GJ |
| 21-7  | Compared to regressing tumours, progressing tumours are infiltrated by fewer numbers of activated DC and contain a unique population of inflammatory cells | 1 Byrne, SN*<br>2 Halliday, GM   |
| 21-8  | Protection from photoimmunosuppression in the hairless mouse by topical application of an extract of <i>Pinus pinaster</i>                                 | 1 Sime, SM*<br>2 Moore, DE<br>3 Reeve, VE  |
| 21-9  | TNF- $\alpha$ produced by a regressor tumour enhances migration and maturation of Langerhans cells   | 1 Yong, S*<br>2 Halliday, GM   |
| 21-10 | Molecular analysis of early stage tonsil cancers   | 1 Li, W*<br>2 Rose, BR<br>3 Thompson, CH<br>4 Scolyer, RA<br>5 Cossart, YE<br>6 McNeil, E<br>7 Tattersall, MH<br>8 O'Brien, CJ |
| 21-11 | Molecular detection of human metastatic oral squamous cell carcinoma   | 1 McDonald, LA*<br>2 Gibbins, JR<br>3 Walker, DM   |
| 21-12 | Genetic analysis of metastases from microsatellite unstable colorectal carcinomas  | 1 Barnetson, R*<br>2 Evans, JP<br>3 Eckstein, RP<br>4 Robinson, BG<br>5 Schnitzler, M  |
| 21-13 | Nuclear export of the APC tumour suppressor regulates $\beta$ -catenin localisation and turnover in colon cancer cells                                     | 1 Henderson, BR*   |
| 21-14 | Nuclear-cytoplasmic shuttling of APC colon cancer mutants  | 1 Galea, MA*<br>2 Henderson, BR  |

## Session 22 Haematology 2

**Chair:** Associate Professor N Manolios  
**Time:** Thursday 2 November 2.00pm  
**Venue:** Blaxland (Seating capacity = 200)

| ID:   | Title:  | Author(s)[*= presenting] |                      |
|-------|---|--------------------------|----------------------|
| 22-1  | A novel CD44 antibody provides evidence for co-expression of CD44 molecules in different activation states on hematopoietic cells | 1                        | Bendall, LJ*         |
|       |   | 2                        | James, AC            |
|       |   | 3                        | Zannettino, A        |
|       |   | 4                        | Simmons, PJ          |
|       |   | 5                        | Gottlieb, DJ         |
|       |   | 6                        | Bradstock, KF        |
| 22-2  | The role of the novel D52 gene family in childhood leukaemia  | 1                        | Barbaric, D*         |
|       |   | 2                        | Dalla-Pozza, L       |
|       |   | 3                        | Gunning, P           |
|       |   | 4                        | Byrne, JA            |
| 22-3  | Differential modulation of P-glycoprotein mediated drug transport by chlorpromazine   | 1                        | Bebawy, M*           |
|       |   | 2                        | Roufogalis, BD       |
| 22-4  | Differentiation of memory B cells into plasma cells is division-dependent   | 1                        | Tangye, SG*          |
|       |   | 2                        | Avery, DT            |
|       |   | 3                        | Hodgkin, PD          |
| 22-5  | Rules governing the regulation of isotype switching by murine B lymphocytes   | 1                        | Deenick, EK*         |
|       |   | 2                        | Hasbold, J           |
|       |   | 3                        | Hodgkin, PD          |
| 22-6  | The contribution of somatic mutation to the diversity of serum antibody   | 1                        | Jolly, CJ*           |
|       |   | 2                        | Williams, GT         |
|       |   | 3                        | Kohler, J            |
|       |   | 4                        | Neuberger, MS        |
| 22-7  | T cell antigen receptor (TCR) transmembrane peptides inhibit early signal transduction events                                     | 1                        | Wang, XM*            |
|       |   | 2                        | Unknown (Dentistry), |
|       |   | 3                        | Schibeci, S          |
|       |   | 4                        | Djordjevic, JT       |
|       |   | 5                        | Williamson, P        |
|       |   | 6                        | Manolios, N          |
| 22-8  | T cell antigen receptor transmembrane peptides inhibit zeta chain phosphorylation following T cell activation                     | 1                        | Djordjevic, JT*      |
|       |   | 2                        | Kurosaka, N          |
|       |   | 3                        | Schibeci, S          |
|       |   | 4                        | Wang, XM             |
|       |   | 5                        | Williamson, P        |
|       |   | 6                        | Manolios, N          |
| 22-9  | Novel T cell inhibitory peptides have no effect on <i>in vitro</i> B cell proliferation   | 1                        | Huynh, NT*           |
|       |   | 2                        | Hasbold, J           |
|       |   | 3                        | Hodgkin, PD          |
|       |   | 4                        | Manolios, N          |
| 22-10 | Peptide inhibitors of T cell receptor (TCR) signal transduction also inhibit natural killer (NK) cell activity                    | 1                        | Huynh, NT*           |
|       |   | 2                        | Ffrench, R           |
|       |   | 3                        | Manolios, N          |
| 22-11 | Immature dendritic cells express higher levels of Cathepsin C and G   | 1                        | Ishri, RK*           |
|       |   | 2                        | Menzies, SW          |
|       |   | 3                        | Hersey, P            |
|       |   | 4                        | Halliday, GM         |

## Session 23 Professional Practice

**Chair:** Professor SI Benrimoj  
**Time:** Thursday 2 November 2.00pm  
**Venue:** Lawson (Seating capacity = 200)

| <i>ID:</i> | <i>Title:</i>   | <i>Author(s)[*= presenting]</i> |                     |
|------------|---|---------------------------------|---------------------|
| 23-1       | Evidence based practice in clinical pharmacy – research initiatives   | 1                               | Brien, JE*          |
|            |   | 2                               | Kevans, PM          |
|            |   | 3                               | Cocks, H            |
|            |   | 4                               | Graham, R           |
|            |   | 5                               | Bajis, D            |
|            |   | 6                               | Ince, S             |
|            |   | 7                               | Melocco, T          |
| 23-2       | What nursing behaviours do patients find helpful to their healing?  | 1                               | Scott-Wandmaker, P* |
|            |   | 2                               | Chamberlain, ME     |
| 23-3       | Evidence for physiotherapy practice: a survey of the Physiotherapy Evidence Database (PEDro)  | 1                               | Moseley, AM*        |
|            |   | 2                               | Herbert, RD         |
|            |   | 3                               | Sherrington, C      |
|            |   | 4                               | Maher, CG           |
| 23-4       | Achieving minimum standards of practice: An international perspective   | 1                               | Kelly, FS*          |
|            |   | 2                               | Sare, AT            |
|            |   | 3                               | Williams, KA        |
|            |   | 4                               | Benrimoj, SI        |
| 23-5       | Health professional students' anticipated level of comfort in clinical interactions which have sexual implications - preliminary findings | 1                               | Weerakoon, P        |
|            |   | 2                               | Pynor, RA           |
|            |   | 3                               | Kilburn-Watt, E*    |
|            |   | 4                               | Jones, MK           |
|            |   | 5                               | Bathurst, LV        |
|            |   | 6                               | Hossain, Z          |
| 23-6       | Nurses and patients with severe communication impairment: problems with communication and strategies for success                          | 1                               | Forbes, R*          |
|            |   | 2                               | Balandin, S         |
|            |   | 3                               | Hemsley, BA         |
|            |   | 4                               | Sigafoos, JS        |
|            |   | 5                               | Taylor, CM          |
|            |   | 6                               | Green, V            |
| 23-7       | New graduate nurses and the utilisation of peer support   | 1                               | Malouf, N*          |
| 23-8       | Nursing and repugnance of nose pickings   | 1                               | Lawler, J           |
|            |   | 2                               | Redenbach, JR*      |
| 23-9       | The experiences of undergraduate Nursing and Occupational Therapy student's overseas fieldwork placement – Operation India                | 1                               | McMaster, R*        |
|            |   | 2                               | Hilfstein, T        |
|            |   | 3                               | Twible, RL          |
| 23-10      | Telepharmacy: video-conferencing as a method of providing pharmaceutical services   | 1                               | Williams, KA*       |
|            |   | 2                               | Cocco, M            |
|            |   | 3                               | Costa, R            |
|            |   | 4                               | Benrimoj, SI        |
| 23-11      | Pharmaceutical services to private hospitals in New South Wales   | 1                               | Moles, RJ*          |
|            |   | 2                               | Benrimoj, SI        |

## Session 24 Cellular Science

**Chair:** Professor BD Roufogalis  
**Time:** Thursday 2 November 2.00pm  
**Venue:** Wentworth (Seating capacity = 200)

| ID:   | Title:   | Author(s)[*= presenting] |                  |
|-------|--|--------------------------|------------------|
| 24-1  | Modulation of substrate selectivity of the neutral amino acid transporter ASCT1 at low pH                | 1                        | Ryan, RM*        |
|       |  | 2                        | Vandenberg, RJ   |
| 24-2  | A glycine transport inhibitor with a novel mechanism of action   | 1                        | Aubrey, KR*      |
|       |  | 2                        | Vandenberg, RJ   |
| 24-3  | Role of the plasma membrane calcium ATPase in neuronal cells after a glutamate insult                    | 1                        | Wanigasekara, Y* |
|       |  | 2                        | Armati, PJ       |
|       |  | 3                        | Roufogalis, BD   |
| 24-4  | IGF-1 enhances store-operated Ca <sup>+</sup> channel activity in C2C12 myoblast                         | 1                        | Ju, Y-K*         |
|       |  | 2                        | Wu, M-J          |
|       |  | 3                        | Graham, RM       |
|       |  | 4                        | Allen, DG        |
| 24-5  | Calcium chelator BAPTA did not prevent uncoupling of mitochondria by capsaicin in neurons                | 1                        | Mandadi, S*      |
|       |  | 2                        | Dedov, VN        |
|       |  | 3                        | Armati, PJ       |
|       |  | 4                        | Roufogalis, BD   |
| 24-6  | Effect of ginger constituents and synthetic analogues on cyclooxygenase-2 (COX-2) enzyme                 | 1                        | Tjendraputra, E* |
|       |  | 2                        | Tran, VH         |
|       |  | 3                        | Roufogalis, BD   |
|       |  | 4                        | Duke, CC         |
| 24-7  | What is the relationship between sialic acid and docosahexanoic acid (DHA) content of brain gangliosides | 1                        | Wang, B*         |
|       |  | 2                        | Brand-Miller, JC |
|       |  | 3                        | Ahmad, Z         |
|       |  | 4                        | Makrides, M      |
|       |  | 5                        | Gibson, B        |
| 24-8  | Conformation: the rationale for ligand binding to Immunophilin FKBP12                                    | 1                        | Dhanvate, PA*    |
|       |  | 2                        | Ivery, MT        |
| 24-9  | Investigation of the mechanism of targeting of $\gamma$ -tropomyosin to the golgi complex                | 1                        | Percival, JM*    |
|       |  | 2                        | Weinberger, RP   |
|       |  | 3                        | Gunning, P       |
| 24-10 | MeCP2, X-inactivation & Rett Syndrome (RS)   | 1                        | Raffaele, LS*    |
|       |  | 2                        | Williamson, S    |
|       |  | 3                        | Davis, M         |
|       |  | 4                        | Leonard, H       |
|       |  | 5                        | Ellaway, CJ      |
|       |  | 6                        | Bennetts, BH     |
|       |  | 7                        | Christodoulou, J |

## Session 25 Liver

**Chairs:** *Dr GR Robertson and  
Associate Professor J Christodoulou*

**Time:** *Thursday 2 November 2.00pm*

**Venue:** *Pioneers (Seating capacity = 160)*

| <i>ID:</i> | <i>Title:</i>   | <i>Author(s) [* = presenting]</i> |                  |
|------------|---|-----------------------------------|------------------|
| 25-1       | Clinical and pre-clinical degradation and metabolism of mometasone furoate  | 1                                 | Teng, XW*        |
|            |   | 2                                 | Davies, NM       |
|            |   | 3                                 | Cutler, DJ       |
|            |   | 4                                 | Brown, KF        |
| 25-2       | Simple atomic descriptors for artificial neural network prediction of pharmacokinetic parameters  | 1                                 | Turner, JV*      |
|            |   | 2                                 | Cutler, DJ       |
|            |   | 3                                 | Maddalena, DJ    |
| 25-3       | Quantitative profiling of fibroblast acylcarnitines and correlation of disease phenotype in the diagnosis of fatty acid oxidation disorders | 1                                 | Sim, K G*        |
|            |   | 2                                 | Christodoulou, J |
|            |   | 3                                 | Carpenter, K     |
|            |   | 4                                 | Hammond, J       |
|            |   | 5                                 | Wilcken, B       |
| 25-4       | The effects of acute oxidative stress on hepatic sinusoidal ultrastructure  | 1                                 | Cogger, V C      |
|            |   | 2                                 | Mross, P*        |
|            |   | 3                                 | Anselin, AD      |
|            |   | 4                                 | Hosie, M         |
|            |   | 5                                 | McLean, AJ       |
|            |   | 6                                 | Le Couteur, DG   |
| 25-5       | Role of antioxidants in inhibiting hepatic fibrosis in a murine nutritional model of NASH   | 1                                 | Phung, TN*       |
|            |   | 2                                 | Pera, N          |
|            |   | 3                                 | Farrell, GC      |
|            |   | 4                                 | Robertson, GR    |
|            |   | 5                                 | George, J        |
| 25-6       | Characterisation of two novel dipeptidyl peptidases (DPPs) of the DPPIV-like gene family  | 1                                 | Abbott, CA*      |
|            |   | 2                                 | Ajami, K         |
|            |   | 3                                 | Obradovic, M     |
|            |   | 4                                 | Yu, DMT          |
|            |   | 6                                 | Gorrell, MD      |
| 25-7       | Increased Fas ligand expression and activated T lymphocyte apoptosis in islet graft tolerance induced by liver transplantation              | 1                                 | Sun, J*          |
|            |   | 2                                 | Wang, X          |
|            |   | 3                                 | Wang, C          |
|            |   | 4                                 | France, M        |
|            |   | 5                                 | Sheil, AGR       |
| 25-8       | Calcium-mediated anion secretion and its inhibition by protein kinase C in a human pancreatic duct cell line (HPAF)                         | 1                                 | Lingard, JM*     |
|            |   | 2                                 | Windass, AS      |
|            |   | 3                                 | Jackson, KA      |
|            |   | 4                                 | Kappler, TG      |
|            |   | 5                                 | Stephenson, D    |
|            |   | 6                                 | Gray, MA         |
|            |   | 7                                 | Argent, BE       |
| 25-9       | Effects of chronic ethanol and UV light stimulation on hepatocyte mitogen activated protein kinase pathways, p38 and JNK                    | 1                                 | Ho, VS*          |
|            |   | 2                                 | Brouwer, N       |
|            |   | 3                                 | Farrell, GC      |
| 25-10      | Characterisation of microfilament isoforms in mouse liver   | 1                                 | Turnbull, AE*    |
|            |   | 2                                 | Weinberger, RP   |
|            |   | 3                                 | Farrell, GC      |
|            |   | 4                                 | Robertson, GR    |
| 25-11      | Cryopreserved porcine hepatocytes in a liver biodialysis system   | 1                                 | Wu, L*           |
|            |   | 2                                 | Sun, J           |
|            |   | 3                                 | Qin, G           |
|            |   | 4                                 | Wang, C          |
|            |   | 5                                 | Woodman, KR      |
|            |   | 6                                 | Koutalistras, N  |
|            |   | 7                                 | Horvat, M        |
|            |   | 8                                 | Sheil, AGR       |

## Session 26 Renal Clinical

**Chair:** Dr JC Craig  
**Time:** Thursday 2 November 2.00pm  
**Venue:** Governors (Seating capacity = 150)

### **Dialysis: Helping Individual Patients**

| ID:  | Title:   | Author(s)[* = presenting]  |
|------|--|--|
| 26-1 | The use of triangulation to investigate home haemodialysis: research in progress       | 1 Hyde, CD*<br>2 Burr, GE<br>3 Lumby, J  |
| 26-2 | Comparing quality of life issues between haemodiafiltration and haemodialysis patients | 1 Musgrave, KM*<br>2 Burr, GE  |
| 26-3 | A pre-training assessment tool for home dialysis: a pilot study                        | 1 Chow, SFJ*<br>2 Bennett, L   |
| 26-4 | Rational start of dialysis and nutritional intervention                                | 1 Cooper, BA*<br>2 Ibels, LS<br>3 Allen, BJ<br>4 Zhu, F-Y<br>5 Guthrie, R<br>6 Bartlett, L<br>7 Aslani, A<br>8 Pollock, CA |

### **Trials, Reviews & Guidelines: Tools for Decision Making**

| ID:  | Title:   | Author(s)[* = presenting]  |
|------|--|--|
| 26-5 | Randomised controlled trials in clinical nephrology: room for improvement?                                   | 1 Wheeler, DM*<br>2 Craig, JC  |
| 26-6 | PRIVENT: a randomised placebo-controlled trial of antibiotics to prevent urinary tract infection in children | 1 Hamilton, S*<br>2 Craig, JC<br>3 Knight, JF<br>4 Simpson, JM<br>5 Irwig, LM<br>6 Smith, G<br>7 Roy, LP<br>8 Caldwell, PHY<br>9 Roy, LP |
| 26-7 | The Cochrane Renal Group   | 1 Willis, NS*<br>2 Craig, JC<br>3 Mitchell, RA   |
| 26-8 | The CARI guidelines  | 1 Vimalachandra, D*<br>2 Knight, JF  |

### **Population Based Assessment of Disease Burden**

| ID:   | Title:  | Author(s)[* = presenting]                               |
|-------|---|---|
| 26-9  | Antecedents of renal disease in Aboriginal children in New South Wales (the ARDAC study)                              | 1 Thompson, DJ*<br>2 Williams, R<br>3 Knight, JF        |
| 26-10 | Incidence of nephrotic syndrome in children in Australia: a study through the Australian Paediatric Surveillance Unit | 1 Hodson, EM*<br>2 Willis, NS<br>3 Craig, JC            |
| 26-11 | Haemolytic uraemic syndrome - an international perspective  | 1 Elliott, EJ*<br>2 Adek, R<br>3 Wong, W<br>4 Schmid, H |

## Session 27 Muscle & Bone

**Chair:** Associate Professor GM Murray  
**Time:** Thursday 2 November 2.00pm  
**Venue:** Norman Lindsay (Seating capacity = 100)

| ID:  | Title:   | Author(s)[*= presenting] |                  |
|------|--|--------------------------|------------------|
| 27-1 | Ground reaction forces during rising to stand from a chair as pregnancy progresses                                 | 1                        | Gilleard, W*     |
|      |  | 2                        | Smith, RM        |
|      |  | 3                        | Crosbie, JW      |
| 27-2 | Cyclic intravenous pamidronate therapy for osteogenesis imperfecta   | 1                        | Sillence, DO*    |
|      |  | 2                        | Briody, JN       |
|      |  | 3                        | Hall, J          |
|      |  | 4                        | Ault, J          |
|      |  | 5                        | Howman-Giles, RB |
|      |  | 6                        | Cowell, CT       |
|      |  | 7                        | Hooper, MJ       |
| 27-3 | Evaluation of the biomechanical properties of skin and development of a "Skin Measuring Device".                   | 1                        | Dawes-Higgs, EK* |
|      |  | 2                        | Appleyard, RC    |
|      |  | 3                        | Kossard, S       |
|      |  | 4                        | Higgs, RJ        |
|      |  | 5                        | Swain, MV        |
| 27-4 | Long term wear of ceramic-ceramic and ceramic-polymer articulations for total hip replacement                      | 1                        | Higgs, RJED*     |
|      |  | 2                        | Higgs, W         |
|      |  | 3                        | Dawes-Higgs, EK  |
|      |  | 4                        | Swain, MV        |
| 27-5 | Physical properties of human premolar cementum - a structural correlation  | 1                        | Malek, S*        |
|      |  | 2                        | Darendeliler, MA |
|      |  | 3                        | Swan, MA         |
|      |  | 4                        | Tyler, KK        |
|      |  | 5                        | Cockayne, DJH    |
| 27-6 | Functions of the human lateral pterygoid muscle (LP)   | 1                        | Phanachet, I*    |
|      |  | 2                        | Whittle, TE      |
|      |  | 3                        | Wanigaratne, K   |
|      |  | 4                        | Murray, GM       |
| 27-7 | The influence of dental occlusal alteration on the activity of the inferior head of human lateral pterygoid muscle | 1                        | Huang, BY*       |
|      |  | 2                        | Whittle, TE      |
|      |  | 3                        | Wanigaratne, K   |
|      |  | 4                        | Johnson, CWL     |
|      |  | 5                        | Murray, GM       |
| 27-8 | Stability of jaw movements in stuttering subjects  | 1                        | Thomas, M*       |
|      |  | 2                        | Packman, A       |
|      |  | 3                        | Onslow, MH       |
|      |  | 4                        | Murray, GM       |