

GARVAN INSTITUTE PUBLICATIONS 2006

1. Allison SJ, Baldock P, Sainsbury A, Enriquez R, Lee NJ, Lin EJ, Klugman M, During M, Eisman JA, Li M, Pan LC, Herzog H, Gardiner EM. Conditional deletion of hypothalamic Y2 receptors reverts gonadectomy-induced bone loss in adult mice. *J Biol Chem* 2006; 281:23436-44.
2. Allison SJ, Herzog H. NPY and bone. *Exs* 2006:171-82.
3. Arsov T, Silva DG, O'Bryan MK, Sainsbury A, Lee NJ, Kennedy C, Manji SS, Nelms K, Liu C, Vinuesa CG, de Kretser DM, Goodnow CC, Petrovsky N. Fat aussie--a new Alstrom syndrome mouse showing a critical role for ALMS1 in obesity, diabetes, and spermatogenesis. *Mol Endocrinol* 2006; 20:1610-22.
4. Baheiraei A, Ritchie JE, Eisman JA, Nguyen TV. Exploring factors influencing osteoporosis prevention and control: a qualitative study of Iranian men and women in Australia. *Maturitas* 2006; 54:127-34.
5. Balasubramaniam A, Mullins DE, Lin S, Zhai W, Tao Z, Dhawan VC, Guzzi M, Knittel JJ, Slack K, Herzog H, Parker EM. Neuropeptide Y (NPY) Y4 receptor selective agonists based on NPY (32-36): development of an anorectic Y4 receptor selective agonist with picomolar affinity. *Journal of Medicinal Chemistry* 2006; 49:2661-5.
6. Baldock PA, Allison S, McDonald MM, Sainsbury A, Enriquez RF, Little DG, Eisman JA, Gardiner EM, Herzog H. Hypothalamic regulation of cortical bone mass: opposing activity of Y2 receptor and leptin pathways. *J Bone Miner Res* 2006; 21:1600-7.
7. Baldock PA, Thomas GP, Hodge JM, Baker SU, Dressel U, O'Loughlin PD, Nicholson GC, Briffa KH, Eisman JA, Gardiner EM. Vitamin D action and regulation of bone remodeling: suppression of osteoclastogenesis by the mature osteoblast. *J Bone Miner Res* 2006; 21:1618-26.
8. Barnett MH, Sutton I. The pathology of multiple sclerosis: a paradigm shift. *Curr Opin Neurol* 2006; 19:242-7.
9. Batterham RL, Heffron H, Kapoor S, Chivers JE, Chandarana K, Herzog H, Le Roux CW, Thomas EL, Bell JD, Withers DJ. Critical role for peptide YY in protein-mediated satiation and body-weight regulation. *Cell Metab* 2006; 4:223-33.
10. Bennett HL, Daly RJ. Functional Characterization of PIK3CA as a breast cancer oncogene. In: *Breast Cancer Online (BCO)* www.bco.org; 2006. p. Published.
11. Blair IP, Chetcuti AF, Badenhop RF, Scimone A, Moses MJ, Adams LJ, Craddock N, Green E, Kirov G, Owen MJ, Kwok JB, Donald JA, Mitchell PB, Schofield PR. Positional cloning, association analysis and expression studies provide convergent evidence that the cadherin gene FAT contains a bipolar disorder susceptibility allele. *Mol Psychiatry* 2006; 11:372-83.
12. Bliuc D, Eisman JA, Center JR. A randomized study of two different information-based interventions on the management of osteoporosis in minimal and moderate trauma fractures. *Osteoporos Int* 2006; 17:1309-17.
13. Boey D, Heibronn L, Sainsbury A, Laybutt R, Kriketos A, Herzog H, Campbell LV. Low serum PYY is linked to insulin resistance in first-degree relatives of subjects with type 2 diabetes. *Neuropeptide* 2006; 40(5):317-24.
14. Boey D, Herzog H. PYY and regulation of energy homeostasis. In: Ho K, Chihara K, editors. *HypoCCS Series - Molecular pathogenesis and therapy of pituitary disease*; 2006. p. 85-101.
15. Boey D, Lin S, Karl T, Baldock P, Lee N, Enriquez R, Couzens M, Slack K, Dallmann R, Sainsbury A, Herzog H. Peptide YY ablation in mice leads to the development of hyperinsulinaemia and obesity. *Diabetologia* 2006; 49:1360-70.
16. Boyman O, Cho JH, Tan JT, Surh CD, Sprent J. A major histocompatibility complex class I-dependent subset of memory phenotype CD8+ cells. *J Exp Med* 2006; 203:1817-25.
17. Boyman O, Kovar M, Rubinstein MP, Surh CD, Sprent J. Selective stimulation of T cell subsets with antibody-cytokine immune complexes. *Science* 2006; 311:1924-7.
18. Boyman O, Surh CD, Sprent J. Potential use of IL-2/anti-IL-2 antibody immune complexes for the treatment of cancer and autoimmune disease. *Expert Opin Biol Ther* 2006; 6:1323-31.
19. Brink R. Regulation of B cell self-tolerance by BAFF. *Sem Immunol* 2006; 18:276-283.

20. Brink R, Basten A. B cell self tolerance. In: Rose N, Mackay I, editors. *The Autoimmune Diseases*: Elsevier Science Ltd (USA). 2006. p. 167-177.
21. Bruce CR, Thrush AB, Mertz VA, Bezaire V, Chabowski A, Heigenhauser GJ, Dyck DJ. Endurance training in obese humans improves glucose tolerance and mitochondrial fatty acid oxidation and alters muscle lipid content. *Am J Physiol Endocrinol Metab* 2006; 291:E99-E107.
22. Brummer T, Martin P, Herzog S, Misawa Y, Daly RJ, Reth M. Functional analysis of the regulatory requirements of B-Raf and the B-Raf^{V600E} oncoprotein. *Oncogene* 2006; 25:6262-6276.
23. Brummer T, Schramek D, Hayes VM, Bennett HL, Caldon CE, Musgrove EA, Daly RJ. Increased proliferation and altered growth factor dependence of human mammary epithelial cells overexpressing the Gab2 docking protein. *J Biol Chem* 2006; 281:626-637.
24. Bryant W, Greenfield JR, Chisholm DJ, Campbell LV. Diabetes guidelines: easier to preach than to practise? *Med J Aust* 2006; 185:305-9.
25. Burt MG, Gibney J, Ho KK. Characterization of the metabolic phenotypes of Cushing's syndrome and growth hormone deficiency: a study of body composition and energy metabolism. *Clin Endocrinol (Oxf)* 2006; 64:436-43.
26. Burt MG, Ho KK. Newer options in the management of acromegaly. *Intern Med J* 2006; 36:437-44.
27. Butt AJ. Review of: Bone marrow stromal cell-derived growth inhibitor inhibits growth and migration of breast cancer cells via induction of cell cycle arrest and apoptosis. In: *Breast Cancer Online (BCO)* www.bco.org; 2006. p. Published.
28. Butt AJ, Roberts CG, Seawright AA, Oelrichs PB, MacLeod JK, Liaw TYE, Kavallaris M, Somers-Edgar TJ, Lehrbach GM, Watts CK, Sutherland RL. A novel plant toxin, persin, with in vivo activity in the mammary gland, induces Bim-dependent apoptosis in human breast cancer cells. *Mol Cancer Ther* 2006; 5:2300-2309.
29. Caldon CE, Daly RJ, Sutherland RL, Musgrove EA. Cell cycle control in breast cancer cells. *J Cell Biochem* 2006; 97:261-274.
30. Campbell LV. Our patients remain with us: that is what experience means. *Lancet* 2006:367.
31. Carey AL, Steinberg GR, Macaulay SL, Thomas WG, Holmes AG, Ramm G, Prelovsek O, Hohnen-Behrens C, Watt MG, James DE, Kemp BE, Pedersen BK, Febbraio MA. Interleukin-6 Increases Insulin-Stimulated Glucose Disposal in Humans and Glucose Uptake and Fatty Acid Oxidation In Vitro via AMP-Activated Protein Kinase. *Diabetes* 2006; 55:2688-2697.
32. Carvajal C, Dumont Y, Herzog H, Quirion R. Emotional behavior in aged neuropeptide Y (NPY) Y2 knockout mice. *J Mol Neurosci* 2006; 28:239-45.
33. Cazzolli R, Shemon AN, Fang MQ, Hughes WE. Phospholipid signalling through phospholipase D and phosphatidic acid. *IUBMB Life* 2006; 58:457-61.
34. Chetcuti A, Adams LJ, Mitchell PB, Schofield PR. Altered gene expression in mice treated with the mood stabilizer sodium valproate. *Int J Neuropsychopharmacol* 2006; 9:267-76.
35. Clark SJ, Statham A, Stirzaker C, Molloy PL, Frommer M. DNA methylation: bisulphite modification and analysis. *Nat Protoc* 2006; 1:2353-64.
36. Craven AJ, Nixon AJ, Ashby MG, Ormandy CJ, Blazek K, Wilkins RJ, Pearson AJ. Prolactin delays hair regrowth in mice. *J Endocrinol* 2006; 191:415-25.
37. Croucher D, Saunders DN, Ranson M. The urokinase/PAI-2 complex: a new high affinity ligand for the endocytosis receptor LRP. *J Biol Chem* 2006; 281:10206-10213.
38. Dahlke I, Nott DJ, Ruhno J, Sewell WA, Collins AM. Antigen selection in the IgE response of allergic and nonallergic individuals. *J Allergy Clin Immunol* 2006; 117:1477-83.
39. Duncan C. Looking beyond the microscope: New territory ahead for genetics and chromosomal disease. *Australian Medicine* 2006:18.
40. Eisman JA. Ethics in publications. *J Bone Miner Res* 2006; 21:1-3.
41. Fletcher CA, Sutherland AP, Groom JR, Batten ML, Ng LG, Gommerman J, Mackay F. Development of nephritis but not sialadenitis in autoimmune-prone BAFF transgenic mice lacking marginal zone B cells. *Eur J Immunol* 2006; 36:2504-14.
42. Fosgerau K, Fledelius C, Pedersen KE, Kristensen JB, Daugaard JR, Iglesias MA, Kraegen EW, Furler SM. Oral administration of glucose promotes intracellular partitioning of fatty acid toward storage in white but not in red muscle. *J Endocrinol* 2006; 190:651-8.
43. Frigola J, Song J, Stirzaker C, Hinshelwood RA, Peinado MA, Clark SJ. Epigenetic remodeling in colorectal cancer results in coordinate gene suppression across an entire chromosome band. *Nat Genet* 2006; 38:540-549.
44. Furler SM, Gan SK, Poynten AM, Chisholm DJ, Campbell LV, Kriketos AD. Relationship of adiponectin with insulin sensitivity in humans, independent of lipid availability. *Obesity (Silver Spring)* 2006; 14:228-34.

45. Good KL, Bryant VL, Tangye SG. Kinetics of human B cell behavior and amplification of proliferative responses following stimulation with IL-21. *J Immunol* 2006; 177:5236-47.
46. Graham BA, Schofield PR, Sah P, Margrie TW, Callister RJ. Distinct physiological mechanisms underlie altered glycinergic synaptic transmission in the murine mutants spastic, spasmodic, and oscillator. *J Neurosci* 2006; 26:4880-90.
47. Greenfield JR, Campbell LV. Relationship between 'inflammation', insulin resistance and type 2 diabetes: cause and effect? *Curr Diab Rev* 2006; 2:195-211
48. Greenfield JR, Samaras K. Evaluation of pituitary function in the fatigued patient: a review of 59 cases. *Eur J Endocrinol* 2006; 154:147-157.
49. Greenfield JR, Samaras K. Suppression of HPA axis in adults taking inhaled corticosteroids. *Thorax* 2006; 61:272-3.
50. Gregory GC, Macdonald V, Schofield PR, Kril JJ, Halliday GM. Differences in regional brain atrophy in genetic forms of Alzheimer's disease. *Neurobiol Aging* 2006; 27:387-93.
51. Gu C, Tangye SG, Sun X, Luo Y, Lin Z, Wu J. The X-linked lymphoproliferative disease gene product SAP associates with PAK-interacting exchange factor and participates in T cell activation. *Proc Natl Acad Sci U S A* 2006; 103:14447-52.
52. Harmer AR, Ruell PA, McKenna MJ, Chisholm DJ, Hunter SK, Thom JM, Morris NR, Flack JR. Effects of sprint training on extrarenal potassium regulation with intense exercise in Type 1 diabetes. *J Appl Physiol* 2006; 100:26-34.
53. Harris J, Stanford PM, Sutherland K, Oakes SR, Naylor MJ, Robertson FG, Blazek KD, Kazlauskas M, Hilton HN, Wittlin S, Alexander WS, Lindeman GJ, Visvader JE, Ormandy CJ. Socs2 and Elf5 mediate prolactin-induced mammary gland development. *Mol Endocrinol* 2006; 20:1177-1187.
54. Hayes VM, Severi G, Southey MC, Padilla EJD, English DR, Hopper JL, Giles GG, Sutherland RL. Macrophage inhibitory cytokine-1 H6D polymorphism, prostate cancer risk, and survival. *Cancer Epidemiol Biomark Prev* 2006; 15:1223-1225.
55. Heilbronn LK, de Jonge L, Frisard MI, DeLany JP, Larson-Meyer DE, Rood J, Nguyen T, Martin CK, Volaufova J, Most MM, Greenway FL, Smith SR, Deutsch WA, Williamson DA, Ravussin E. Effect of 6-month calorie restriction on biomarkers of longevity, metabolic adaptation, and oxidative stress in overweight individuals: a randomized controlled trial. *Jama* 2006; 295:1539-48.
56. Heinzelmann-Schwarz VA, Gardiner-Garden M, Henshall SM, Scurry JP, Scolyer RA, Smith AN, Bali A, Vanden Bergh P, Baron-Hay S, Scott C, Fink D, Hacker NF, Sutherland RL, O'Brien PM. A distinct molecular profile associated with mucinous epithelial ovarian cancer. *Br J Cancer* 2006; 94:904-913.
57. Henderson MJ, Munoz MA, Saunders DN, Clancy JL, Russell AJ, Williams B, Pappin D, Khanna KK, Jackson SP, Sutherland RL, Watts CK. EDD mediates DNA damage-induced activation of CHK2. *J Biol Chem* 2006; 281:39990-40000.
58. Henshall SM, Horvath LG, Quinn DI, Eggleton SA, Grygiel JJ, Stricker PD, Biankin AV, Kench JG, Sutherland RL. Zinc-alpha2-glycoprotein expression as a predictor of metastatic prostate cancer following radical prostatectomy. *J Natl Cancer Inst* 2006; 98:1420-1424.
59. Ho KK. Endocrinology: the next 60 years. *J Endocrinol* 2006; 190:3-6.
60. Ho KK, Gibney J, Johannsson G, Wolthers T. Regulating of growth hormone sensitivity by sex steroids: implications for therapy. *Front Horm Res* 2006; 35:115-28.
61. Hruban RH, Adsay NV, Albores-Saavedra J, Anver MR, Biankin AV, Boivin GP, Furth EE, Furukawa T, Klein A, Klimstra DS, Kloppel G, Lauwers GY, Longnecker DS, Luttges J, Maitra A, Offerhaus GJ, Perez-Gallego L, Redston M, Tuveson DA. Pathology of genetically engineered mouse models of pancreatic exocrine cancer: consensus report and recommendations. *Cancer Res* 2006; 66:95-106.
62. Ishimaru N, Kishimoto H, Hayashi Y, Sprent J. Regulation of naive T cell function by the NF-kappaB2 pathway. *Nat Immunol* 2006; 7:763-72.
63. Jeffrey KL, Brummer T, Rolph MS, Liu SM, Callejas NA, Grumont RJ, Gillieron C, Mackay F, Grey S, Camps M, Rommel C, Gerondakis SD, Mackay CR. Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. *Nat Immunol* 2006; 7:274-83.
64. Kanis JA, Johnell O, Oden A, Johannsson H, Eisman JA, Fujiwara S, Kroger H, Honkanen R, Melton LJ, 3rd, O'Neill T, Reeve J, Silman A, Tenenhouse A. The use of multiple sites for the diagnosis of osteoporosis. *Osteoporos Int* 2006; 17:527-34.
65. Kohonen-Corish MRJ, Cooper WA, Saab J, Thompson JF, Trent RJA, Millward MJ. Promoter hypermethylation of the O⁶-methylguanine DNA methyltransferase gene and microsatellite instability in metastatic melanoma. *J Invest Dermatol* 2006; 126:167-171.
66. Kovar M, Boyman O, Shen X, Hwang I, Kohler R, Sprent J. Direct stimulation of T cells by membrane vesicles from antigen-presenting cells. *Proc Natl Acad Sci U S A* 2006; 103:11671-6.

67. Kraegen EW, Saha AK, Preston E, Wilks D, Hoy AJ, Cooney GJ, Ruderman NB. Increased malonyl-CoA and diacylglycerol content and reduced AMPK activity accompany insulin resistance induced by glucose infusion in muscle and liver of rats. *Am J Physiol Endocrinol Metab* 2006; 290:E471-9.
68. Latham CF, Lopez JA, Hu SH, Gee CL, Westbury E, Blair DH, Armishaw CJ, Alewood PF, Bryant NJ, James DE, Martin JL. Molecular dissection of the Munc18c/syntaxin4 interaction: implications for regulation of membrane trafficking. *Traffic* 2006; 7:1408-19.
69. Lee H, Zahra D, Vogelzang A, Newton R, Thatcher J, Quan A, So T, Zwirner J, Koentgen F, Padkjaer SB, Mackay F, Whitfeld PL, Mackay CR. Human C5aR knock-in mice facilitate the production and assessment of anti-inflammatory monoclonal antibodies. *Nat Biotechnol* 2006; 24:1279-1284.
70. Lee YS, Kim WS, Kim KH, Yoon MJ, Cho HJ, Shen Y, Ye JM, Lee CH, Oh WK, Kim CT, Hohnen-Behrens C, Gosby A, Kraegen EW, James DE, Kim JB. Berberine, a natural plant product, activates AMP-activated protein kinase with beneficial metabolic effects in diabetic and insulin-resistant states. *Diabetes* 2006; 55:2256-64.
71. Lin EJ, Lee NJ, Slack K, Karl T, Duffy L, O'Brien E, Matsumoto I, Dedova I, Herzog H, Sainsbury A. Distinct endocrine effects of chronic haloperidol or risperidone administration in male rats. *Neuropharmacology* 2006; 51(7-8):1129-36.
72. Lin EJ, Sainsbury A, Lee NJ, Boey D, Couzens M, Enriquez R, Slack K, Bland R, During MJ, Herzog H. Combined deletion of Y1, Y2, and Y4 receptors prevents hypothalamic neuropeptide Y overexpression-induced hyperinsulinemia despite persistence of hyperphagia and obesity. *Endocrinology* 2006; 147:5094-101.
73. Lin EJ, Young D, Baer K, Herzog H, During MJ. Differential actions of NPY on seizure modulation via Y1 and Y2 receptors: evidence from receptor knockout mice. *Epilepsia* 2006; 47:773-80.
74. Lin S, Boey D, Lee N, Schwarzer C, Sainsbury A, Herzog H. Distribution of prodynorphin mRNA and its interaction with the NPY system in the mouse brain. *Neuropeptides* 2006; 40:115-23.
75. Liu SM, Xavier R, Good KL, Chtanova T, Newton R, Sisavanh M, Zimmer S, Deng C, Silva DG, Frost MJ, Tangye SG, Rolph MS, Mackay CR. Immune cell transcriptome datasets reveal novel leukocyte subset-specific genes and genes associated with allergic processes. *J Allergy Clin Immunol* 2006; 118:496-503.
76. Liuwantara D, Elliot M, Smith MW, Yam AO, Walters SN, Marino E, McShea A, Grey ST. Nuclear factor-kappaB regulates beta-cell death: a critical role for A20 in beta-cell protection. *Diabetes* 2006; 55:2491-501.
77. Ludowyke RI, Elgundi Z, Kranenburg T, Stehn JR, Schmitz-Peiffer C, Hughes WE, Biden TJ. Phosphorylation of nonmuscle myosin heavy chain IIA on Ser1917 is mediated by protein kinase C beta II and coincides with the onset of stimulated degranulation of RBL-2H3 mast cells. *J Immunol* 2006; 177:1492-9.
78. Lukashev M, Lepage D, Wilson C, Bailly V, Garber E, Lukashin A, Ngam-Ek A, Zeng W, Allaire N, Perrin S, Xu X, Szeliga K, Wortham K, Kelly R, Bottiglio C, Ding J, Griffith L, Heaney G, Silverio E, Yang W, Jarpe M, Fawell S, Reff M, Carmillo A, Miatkowski K, Amatucci J, Crowell T, Prentice H, Meier W, Violette SM, Mackay F, Yang D, Hoffman R, Browning JL. Targeting the Lymphotoxin- β Receptor with Agonist Antibodies as a Potential Cancer Therapy. *Cancer Res* 2006; 66:9617-24.
79. Mackay CR, Sallusto F. A new role for CCR5 in innate immunity--binding to bacterial heat shock protein 70. *Eur J Immunol* 2006; 36:2293-5.
80. Mackay CR, Von Andrian UH. Adhesion Molecules and Chemoattractants in the Pathogenesis and Treatment of Autoimmune Diseases. In: Rose N, Mackay I, editors. *The Autoimmune Diseases*. 4 ed: Elsevier; 2006. p. 237-248.
81. Mackay F, Cancro MP. Travelling with the BAFF/BLyS family: are we there yet? *Semin Immunol* 2006; 18:261-2.
82. Mackay F, Leung H. The role of the BAFF/APRIL system on T cell function. *Semin Immunol* 2006; 18:284-9.
83. Mallon PW, Miller J, Kovacic JC, Kent-Hughes J, Norris R, Samaras K, Feneley MP, Cooper DA, Carr A. Effect of pravastatin on body composition and markers of cardiovascular disease in HIV-infected men--a randomized, placebo-controlled study. *AIDS* 2006; 20:1003-10.
84. Manolios N, Samaras K. Hypercarotenemia. *Intern Med J* 2006; 36:534.
85. McNeil CM, Musgrove EA. Review of: c-MYC suppresses p21^{WAF1/CIP1} expression during estrogen signalling and antiestrogen resistance in human breast cancer cells. In: *Breast Cancer Online (BCO)* www.bco.org: Cambridge University Press; 2006. p. e20 (pages 1 of 4).
86. McNeil CM, Sergio CM, Anderson LR, Inman CK, Eggleton SA, Murphy NC, Millar EKA, Crea P, Kench JG, Alles MC, Gardiner-Garden M, Ormandy CJ, Butt AJ, Henshall SM, Musgrove EA,

- Sutherland RL. c-Myc overexpression and endocrine resistance in breast cancer. *J Steroid Biochem Mol Biol* 2006; 102:147-155.
87. Meier C, Meinhardt U, Greenfield JR, De Winter J, Nguyen TV, Dunstan CR, Seibel MJ. Serum cathepsin K concentrations reflect osteoclastic activity in women with postmenopausal osteoporosis and patients with Paget's disease. *Clin Lab* 2006; 52:1-10.
 88. Meinhardt UJ, Ho KK. Modulation of growth hormone action by sex steroids. *Clin Endocrinol (Oxf)* 2006; 65:413-22.
 89. Molero JC, Turner N, Thien CB, Langdon WY, James DE, Cooney GJ. Genetic ablation of the c-Cbl ubiquitin ligase domain results in increased energy expenditure and improved insulin action. *Diabetes* 2006; 55:3411-7.
 90. Molero JC, Waring SG, Cooper A, Turner N, Laybutt R, Cooney GJ, James DE. Casitas b-lineage lymphoma-deficient mice are protected against high-fat diet-induced obesity and insulin resistance. *Diabetes* 2006; 55:708-15.
 91. Musgrove EA. Cyclins: roles in mitogenic signaling and oncogenic transformation. *Growth Factors* 2006; 24:13-19.
 92. Nahum A, Zeller L, Danilenko M, Prall OWJ, Watts CKW, Sutherland RL, Levy J, Sharoni Y. Lycopene inhibition of IGF-induced cancer cell growth depends on the level of cyclin D1. *Eur J Nutr* 2006; 45:275-282.
 93. Nelson AE, Howe CJ, Nguyen TV, Leung KC, Trout GJ, Seibel MJ, Baxter RC, Handelsman DJ, Kazlauskas R, Ho KK. Influence of demographic factors and sport type on growth hormone-responsive markers in elite athletes. *J Clin Endocrinol Metab* 2006; 91:4424-32.
 94. Ng LG, Ng CH, Woehl B, Sutherland AP, Huo J, Xu S, Mackay F, Lam KP. BAFF costimulation of Toll-like receptor-activated B-1 cells. *Eur J Immunol* 2006; 36:1837-46.
 95. Ngo AD, Taylor R, Roberts CL, Nguyen TV. Association between Agent Orange and birth defects: systematic review and meta-analysis. *Int J Epidemiol* 2006; 35:1220-30.
 96. Nguyen ND, Eisman JA, Nguyen TV. Anti-hip fracture efficacy of bisphosphonates: a Bayesian analysis of clinical trials. *J Bone Miner Res* 2006; 21:340-9.
 97. Nguyen TV, Eisman JA. Pharmacogenomics of osteoporosis: opportunities and challenges. *J Musculoskelet Neuronal Interact* 2006; 6:62-72.
 98. Oakes ND, Thalen P, Aasum E, Edgley A, Larsen T, Furler SM, Ljung B, Severson D. Cardiac metabolism in mice: tracer method developments and in vivo application revealing profound metabolic inflexibility in diabetes. *Am J Physiol Endocrinol Metab* 2006; 290(5):E870-81.
 99. Oakes SR, Hilton HN, Ormandy CJ. The alveolar switch: coordinating the proliferative cues and cell fate decisions that drive the formation of lobuloalveoli from ductal epithelium. *Breast Cancer Res* 2006; 8:207-217.
 100. Ollila S, Sarantaus L, Kariola R, Chan P, Hampel H, Holinski-Feder E, Macrae F, Kohonen-Corish M, Gerdes A-M, Peltomaki P, Mangold E, de la Chapelle A, Greenblatt M, Nystrom M. Pathogenicity of MSH2 missense mutations is typically associated with impaired repair capability of the mutated protein. *Gastroenterology* 2006; 131:1408-1417.
 101. Parker SK, Williams HM, Turner N. Modeling the antecedents of proactive behavior at work. *J Appl Psychol* 2006; 91:636-52.
 102. Parkes HA, Preston E, Wilks D, Ballesteros M, Carpenter L, Wood L, Kraegen EW, Furler SM, Cooney GJ. Overexpression of acyl-CoA synthetase-1 increases lipid deposition in hepatic (HepG2) cells and rodent liver in vivo. *Am J Physiol Endocrinol Metab* 2006; 291:E737-44.
 103. Pau H, Fagan P, Oleskevich S. Locating the scala media in the fixed human temporal bone for therapeutic access: a preliminary study. *J Laryngol Otol* 2006:1-2.
 104. Peake PW, Shen Y, Campbell LV, Charlesworth JA. Human adiponectin binds to bacterial lipopolysaccharide. *Biochem Biophys Res Commun* 2006; 341:108-15.
 105. Phan TG, Paus D, Chan TD, Turner ML, Nutt SL, Basten A, Brink R. High affinity germinal center B cells are actively selected into the plasma cell compartment. *J Exp Med* 2006; 203:2419-24.
 106. Pongchaiyakul C, Apinyanurag C, Soontrapa S, Soontrapa S, Pongchaiyakul C, Nguyen TV, Rajatanavin R. Prevalence of osteoporosis in Thai men. *J Med Assoc Thai* 2006; 89:160-9.
 107. Pongchaiyakul C, Nguyen TV, Kosulwat V, Rojroongwasinkul N, Charoenkiatkul S, Sanchaisuriya P, Rajatanavin R. Defining obesity by body mass index in the Thai population: an epidemiologic study. *Asia Pac J Clin Nutr* 2006; 15:293-9.
 108. Pongchaiyakul C, Pongchaiyakul C, Wanothayaroj E, Nguyen TV, Rajatanavin R. Association between waist circumference and percentage body fat among rural Thais. *J Med Assoc Thai* 2006; 89:1592-600.
 109. Ramm G, Larance M, Guilhaus M, James DE. A role for 14-3-3 in insulin-stimulated GLUT4 translocation through its interaction with the RabGAP AS160. *J Biol Chem* 2006; 281:29174-80.

110. Rand KN, Mitchell SM, Clark SJ, Molloy PL. Bisulphite differential denaturation PCR for analysis of DNA methylation. *Epigenetics* 2006; 1:94-100.
111. Rasiiah KK, Kench JG, Gardiner-Garden M, Biankin AV, Golovsky D, Brenner PC, Kooner R, O'Neil GF, Turner JJ, Delprado W, Lee CS, Brown DA, Breit SN, Grygiel JJ, Horvath LG, Stricker PD, Sutherland RL, Henshall SM. Aberrant neuropeptide Y and macrophage inhibitory cytokine-1 expression are early events in prostate cancer development and are associated with poor prognosis. *Cancer Epidemiol Biomarkers Prev* 2006; 15:711-716.
112. Reid IR, Cornish J, Baldock PA. Nutrition-related peptides and bone homeostasis. *J Bone Miner Res* 2006; 21:495-500.
113. Rentero C, Evans R, Wood P, Tebar F, Vila de Muga S, Cubells L, de Diego I, Hayes TE, Hughes WE, Pol A, Rye KA, Enrich C, Grewal T. Inhibition of H-Ras and MAPK is compensated by PKC-dependent pathways in annexin A6 expressing cells. *Cellular Signalling* 2006; 18:1006-16.
114. Rizzoli R, Eisman JA, Norquist J, Ljunggren O, Krishnarajah G, Lim SK, Chandler J. Risk factors for vitamin D inadequacy among women with osteoporosis: an international epidemiological study. *Int J Clin Pract* 2006; 60:1013-9.
115. Rolph MS, Sisavanh M, Liu SM, Mackay CR. Clues to asthma pathogenesis from microarray expression studies. *Pharmacol Ther* 2006; 109:284-94.
116. Rolph MS, Young TR, Shum BO, Gorgun CZ, Schmitz-Peiffer C, Ramshaw IA, Hotamisligil GS, Mackay CR. Regulation of dendritic cell function and T cell priming by the fatty acid-binding protein AP2. *J Immunol* 2006; 177:7794-801.
117. Rubinstein MP, Kovar M, Purton JF, Cho JH, Boyman O, Surh CD, Sprent J. Converting IL-15 to a superagonist by binding to soluble IL-15Ralpha. *Proc Natl Acad Sci U S A* 2006; 103:9166-71.
118. Sainsbury A, Bergen HT, Boey D, Bamming D, Cooney GJ, Lin S, Couzens M, Stroth N, Lee NJ, Lindner D, Singewald N, Karl T, Duffy L, Enriquez R, Slack K, Sperk G, Herzog H. Y2Y4 receptor double knockout protects against obesity due to a high-fat diet or Y1 receptor deficiency in mice. *Diabetes* 2006; 55:19-26.
119. Samaras K, McElduff A, Twigg SM, Proietto J, Prins JB, Welborn TA, Zimmet P, Chisholm DJ, Campbell LV. Insulin levels in insulin resistance: phantom of the metabolic opera? *Med J Aust* 2006; 185:159-61.
120. Severi G, Hayes VM, Neufing P, Padilla EJD, Tilley W, Eggleton SA, Morris H, English DR, Southey MC, Hopper JL, Sutherland RL, Boyle P, Giles GG. Variants in the prostate-specific antigen (PSA) gene and prostate cancer risk, survival and circulating PSA. *Cancer Epidemiol Biomark Prev* 2006; 15:1142-1147.
121. Shane E, Goldring S, Christakos S, Drezner M, Eisman J, Silverman S, Pendrys D. Osteonecrosis of the jaw: more research needed. *J Bone Miner Res* 2006; 21:1503-5.
122. Shane EJ, Christakos S, Goldring SR, Lorenzo JA, Hasson KR, Drezner MK, Raisz LG, Eisman JA. Biomedical, academic, and industry interaction. *J Bone Miner Res* 2006; 21:353.
123. Shum BO, Mackay CR, Gorgun CZ, Frost MJ, Kumar RK, Hotamisligil GS, Rolph MS. The adipocyte fatty acid-binding protein aP2 is required in allergic airway inflammation. *J Clin Invest* 2006; 116:2183-2192.
124. Silveira PA, Chapman HD, Stolp J, Johnson E, Cox SL, Hunter K, Wicker LS, Serreze DV. Genes within the Idd5 and Idd9/11 Diabetes Susceptibility Loci Affect the Pathogenic Activity of B Cells in Nonobese Diabetic Mice. *J Immunol* 2006; 177:7033-41.
125. Silveira PA, Grey ST. B cells in the spotlight: innocent bystanders or major players in the pathogenesis of type 1 diabetes. *Trends Endocrinol Metab* 2006; 17:128-35.
126. Silveira PA, Serreze DV, Grey ST. Invasion of the killer B's in Type 1 Diabetes. *Frontiers in Biosciences* 2006; 12:2183-2193.
127. Skalicky DA, Kench JG, Segara D, Coleman MJ, Sutherland RL, Henshall SM, Musgrove EA, Biankin AV. Cyclin E expression and outcome in pancreatic ductal adenocarcinoma. *Cancer Epidemiol Biomark Prev* 2006; 15:1941-1947.
128. Skvorak K, Vissel B, Homanics GE. Production of conditional point mutant knockin mice. *Genesis* 2006; 44:345-53.
129. Song GY, Gao Y, Di YW, Pan LL, Zhou Y, Ye JM. High fat feeding reduces endothelium-dependent vasodilation in rats: differential roles of saturated and unsaturated fatty acids. *Clin Exp Pharm Physiol* 2006; 33:708-713.
130. Sprent J, Miller JF, Mitchell GF. Antigen-induced selective recruitment of circulating lymphocytes. 1971. *J Immunol* 2006; 177:1381-91.
131. Stanic D, Brumovsky P, Fetissov S, Shuster S, Herzog H, Hokfelt T. Characterization of neuropeptide Y2 receptor protein expression in the mouse brain. I. Distribution in cell bodies and nerve terminals. *J Comp Neurol* 2006; 499:357-90.

132. Su YC, Rolph MS, Cooley MA, Sewell WA. Cyclophosphamide augments inflammation by reducing immunosuppression in a mouse model of allergic airway disease. *J Allergy Clin Immunol* 2006; 117:635-41.
133. Surh CD, Boyman O, Purton JF, Sprent J. Homeostasis of memory T cells. *Immunol Rev* 2006; 211:154-63.
134. Surh CD, Sprent J. On the TRAIL of homeostatic memory T cells. *Nat Immunol* 2006; 7:439-41.
135. Sutherland AP, Mackay F, Mackay CR. Targeting BAFF: Immunomodulation for autoimmune diseases and lymphomas. *Pharmacol Ther* 2006; 112:774-86.
136. Sutton I, Kermode AG. Hyperimmune goat serum (Aimspro): hope or hype? *J Clin Neurosci* 2006; 13:1037-8.
137. Tangye SG, Bryant VL, Cuss AK, Good KL. BAFF, APRIL and human B cell disorders. *Semin Immunol* 2006; 18:305-17.
138. Tangye SG, Mackay F. B cells and autoimmunity. In: Rose N, Mackay I, editors. *The Autoimmune Diseases*. 4th ed: Elsevier Academic Press (USA); 2006. p. 139-157.
139. Taylor AJ, Ye JM, Schmitz-Peiffer C. Inhibition of glycogen synthesis by increased lipid availability is associated with subcellular redistribution of glycogen synthase. *J Endocrinol* 2006; 188:11-23.
140. Teber ET, Crawford E, Bolton KB, Van Dyk D, Schofield PR, Kapoor V, Church WB. Djinn Lite: a tool for customised gene transcript modelling, annotation-data enrichment and exploration. *BMC Bioinformatics* 2006; 7:33.
141. Thomas CG, Krupp JJ, Bagley EE, Bauzon R, Heinemann SF, Vissel B, Westbrook GL. Probing N-methyl-D-aspartate receptor desensitization with the substituted-cysteine accessibility method. *Mol Pharmacol* 2006; 69:1296-303.
142. Thomas EC, Zhe Y, Molero JC, Schmitz-Peiffer C, Ramm G, James DE, Whitehead JP. The subcellular fractionation properties and function of insulin receptor substrate-1 (IRS-1) are independent of cytoskeletal integrity. *Int J Biochem Cell Biol* 2006; 38:1686-99.
143. Tu B, Jiao Y, Herzog H, Nadler JV. Neuropeptide Y regulates recurrent mossy fiber synaptic transmission less effectively in mice than in rats: correlation with Y2 receptor plasticity. *Neuroscience* 2006; 143(4):1085-94.
144. Turner N, Hulbert A, Else PL. Limits to physical performance and metabolism across species. *Curr Opin Clin Nutr Metab Care* 2006; 9:691-696.
145. Wang CY, Nguyen ND, Morrison NA, Eisman JA, Center JR, Nguyen TV. Beta3-adrenergic receptor gene, body mass index, bone mineral density and fracture risk in elderly men and women: the Dubbo Osteoporosis Epidemiology Study (DOES). *BMC Med Genet* 2006; 7:57.
146. Wen VW, Wu K, Baksh S, Hinshelwood RA, Lock RB, Clark SJ, Moore MA, Mackenzie KL. Telomere-driven karyotypic complexity concurs with p16INK4a inactivation in TP53-competent immortal endothelial cells. *Cancer Res* 2006; 66:10691-700.
147. Wilhelm K, Mitchell PB, Niven H, Finch A, Wedgwood L, Scimone A, Blair IP, Parker G, Schofield PR. Life events, first depression onset and the serotonin transporter gene. *Br J Psychiatry* 2006; 188:210-5.
148. Withington SL, Scott AN, Saunders DN, Lopes Floro K, Preis JI, Michalick J, Maclean K, Sparrow DB, Martinez, Barbera JP, Dunwoodie SL. Loss of Cited2 affects trophoblast formation and vascularization of the mouse placenta. *Dev Biol* 2006; 294:67-82.
149. Wong NC, Wong LH, Quach JM, Canhan P, Craig JM, Song JZ, Clark SJ, Choo KHA. Permissive transcriptional activity at the centromere through pockets of hypomethylation. *PLOS Genetics* 2006; 2:172-186.
150. Wultsch T, Painsipp E, Donner S, Sperk G, Herzog H, Peskar BA, Holzer P. Selective increase of dark phase water intake in neuropeptide-Y Y2 and Y4 receptor knockout mice. *Behav Brain Res* 2006; 168:255-60.
151. Ye JM, Dzamko N, Hoy AJ, Iglesias MA, Kemp B, Kraegen E. Rosiglitazone treatment enhances acute AMP-activated protein kinase-mediated muscle and adipose tissue glucose uptake in high-fat-fed rats. *Diabetes* 2006; 55:2797-804.
152. Zraika S, Aston-Mourney K, Laybutt DR, Kebede M, Dunlop ME, Proietto J, Andrikopoulos S. The influence of genetic background on the induction of oxidative stress and impaired insulin secretion in mouse islets. *Diabetologia* 2006; 49:1254-63