

## GARVAN INSTITUTE PUBLICATIONS 2010

1. Albu JB, Heilbronn LK, Kelley DE, Smith SR, Azuma K, Berk ES, Pi-Sunyer FX, Ravussin E. Metabolic changes following a 1-year diet and exercise intervention in patients with type 2 diabetes. *Diabetes* 2010; 59:627-33.
2. Anderson LR, Sutherland RL, Butt AJ. BAG-1 overexpression attenuates luminal apoptosis in MCF-10A mammary epithelial cells through enhanced RAF-1 activation. *Oncogene* 2010; 29:527-38.
3. Athanasopoulos V, Barker A, Yu D, Tan AH, Srivastava M, Contreras N, Wang J, Lam KP, Brown SH, Goodnow CC, Dixon NE, Leedman PJ, Saint R, Vinuesa CG. The ROQUIN family of proteins localizes to stress granules via the ROQ domain and binds target mRNAs. *FEBS J* 2010; 277:2109-27.
4. Attanasio AF, Mo D, Erfurth EM, Tan M, Ho KY, Kleinberg D, Zimmermann AG, Chanson P. Prevalence of metabolic syndrome in adult hypopituitary growth hormone (GH)-deficient patients before and after GH replacement. *J Clin Endocrinol Metab* 2010; 95:74-81.
5. Avery DT, Deenick EK, Ma CS, Suryani S, Simpson N, Chew GY, Chan TD, Palendira U, Bustamante J, Boisson-Dupuis S, Choo S, Bleasel KE, Peake J, King C, French MA, Engelhard D, Al-Hajjar S, Al-Muhsen S, Magdorf K, Roesler J, Arkwright PD, Hissaria P, Riminton DS, Wong M, Brink R, Fulcher DA, Casanova JL, Cook MC, Tangye SG. B cell-intrinsic signaling through IL-21 receptor and STAT3 is required for establishing long-lived antibody responses in humans. *J Exp Med* 2010; 207:155-71.
6. Baker CA, Montey KL, Pongstaporn T, Ryugo DK. Postnatal development of the endbulb of held in congenitally deaf cats. *Front Neuroanat* 2010; 4:19.
7. Bamberg CE, Mackay CR, Lee H, Zahra D, Jackson J, Lim YS, Whitfeld PL, Craig S, Corsini E, Lu B, Gerard C, Gerard NP. The C5a receptor (C5aR) C5L2 is a modulator of C5aR-mediated signal transduction. *J Biol Chem* 2010; 285:7633-44.
8. Barton CA, Gloss BS, Qu W, Statham AL, Hacker NF, Sutherland RL, Clark SJ, O'Brien PM. Collagen and calcium-binding EGF domains 1 is frequently inactivated in ovarian cancer by aberrant promoter hypermethylation and modulates cell migration and survival. *Br J Cancer* 2010; 102:87-96.
9. Basten A. The role of B cells in transplantation and immunopathic diseases. *Immune Netw* 2010; 10:81-4.
10. Basten A, Silveira PA. B cell tolerance: mechanisms and implications. *Curr Opin Immunol* 2010; 22:566-74.
11. Batten M, Ramamoorthi N, Kljavin NM, Ma CS, Cox JH, Dengler HS, Danilenko DM, Caplazi P, Wong M, Fulcher DA, Cook MC, King C, Tangye SG, de Sauvage FJ, Ghilardi N. IL-27 supports germinal center function by enhancing IL-21 production and the function of T follicular helper cells. *J Exp Med* 2010; 207:2895-906.
12. Bhandari M, Thomas AC, Hussey DJ, Li X, Jaya SP, Woods CM, Schloithe AC, Mayne GC, Carati CJ, Toouli J, Ormandy CJ, Saccone GT. Galanin mediates the pathogenesis of cerulein-induced acute pancreatitis in the mouse. *Pancreas* 2010; 39:182-7.
13. Bianco-Miotto T, Chiam K, Buchanan G, Jindal S, Day TK, Thomas M, Pickering MA, O'Loughlin MA, Ryan NK, Raymond WA, Horvath LG, Kench JG, Stricker PD, Marshall VR, Sutherland RL, Henshall SM, Gerald WL, Scher HI, Risbridger GP, Clements JA, Butler LM, Tilley WD, Horsfall DJ, Ricciardelli C. Global levels of specific histone modifications and an epigenetic gene signature predict prostate cancer progression and development. *Cancer Epidemiol Biomarkers Prev* 2010; 19:2611-22.
14. Birzniece V, Meinhardt U, Gibney J, Johannsson G, Baxter RC, Seibel MJ, Ho KK. Modulatory effect of raloxifene and estrogen on the metabolic action of growth hormone in hypopituitary women. *J Clin Endocrinol Metab* 2010; 95:2099-106.
15. Birzniece V, Nelson AE, Ho KK. Growth hormone administration: is it safe and effective for athletic performance. *Endocrinol Metab Clin North Am* 2010; 39:11-23, vii.

16. Birzniece V, Sata A, Sutanto S, Ho KK. Paracrine regulation of growth hormone secretion by estrogen in women. *J Clin Endocrinol Metab* 2010; 95:3771-6.
17. Birzniece V, Sata A, Sutanto S, Ho KK. Neuroendocrine regulation of growth hormone and androgen axes by selective estrogen receptor modulators in healthy men. *J Clin Endocrinol Metab* 2010; 95:5443-8.
18. Bjornerem A, Johnsen SL, Nguyen TV, Kiserud T, Seeman E. The shifting trajectory of growth in femur length during gestation. *J Bone Miner Res* 2010; 25:1029-33.
19. Bone HG, McClung MR, Roux C, Recker RR, Eisman JA, Verbruggen N, Hustad CM, DaSilva C, Santora AC, Ince BA. Odanacatib, a cathepsin-K inhibitor for osteoporosis: a two-year study in postmenopausal women with low bone density. *J Bone Miner Res* 2010; 25:937-47.
20. Boudville N, Inderjeeth C, Elder GJ, Glendenning P. Association between 25-hydroxyvitamin D, somatic muscle weakness and falls risk in end-stage renal failure. *Clin Endocrinol (Oxf)* 2010; 73:299-304.
21. Boyman O, Cho JH, Sprent J. The role of interleukin-2 in memory CD8 cell differentiation. *Adv Exp Med Biol* 2010; 684:28-41.
22. Brummer T, Schmitz-Peiffer C, Daly RJ. Docking proteins. *FEBS J* 2010; 277:4356-69.
23. Burchfield JG, Lopez JA, Mele K, Vallotton P, Hughes WE. Exocytotic vesicle behaviour assessed by total internal reflection fluorescence microscopy. *Traffic* 2010; 11:429-39.
24. Byrne JA, Maleki S, Hardy JR, Gloss BS, Murali R, Scurry JP, Fanayan S, Emmanuel C, Hacker NF, Sutherland RL, Defazio A, O'Brien PM. MAL2 and tumor protein D52 (TPD52) are frequently overexpressed in ovarian carcinoma, but differentially associated with histological subtype and patient outcome. *BMC Cancer* 2010; 10:497.
25. Caldon CE, Musgrove EA. Distinct and redundant functions of cyclin E1 and cyclin E2 in development and cancer. *Cell Div* 2010; 5:2.
26. Caldon CE, Sutherland RL, Musgrove EA. Cell cycle proteins in epithelial cell differentiation: Implications for breast cancer. *Cell Cycle* 2010; 9.
27. Callen DF, Ricciardelli C, Butler M, Stapleton A, Stahl J, Kench JG, Horsfall DJ, Tilley WD, Schulz R, Nesland JM, Neilsen PM, Kumar R, Holm R. Co-expression of the androgen receptor and the transcription factor ZNF652 is related to prostate cancer outcome. *Oncol Rep* 2010; 23:1045-52.
28. Campbell LV, Heitmann B. Gender bias in management of cardiovascular disease in women. *Cardiology in General Practice* 2010; 14:30-31.
29. Cantley J, Biden TJ. Targeting triglyceride/fatty acid cycling in beta cells as a therapy for augmenting glucose-stimulated insulin secretion. *Islets* 2010; 2:127-29.
30. Cantley J, Grey ST, Maxwell PH, Withers DJ. The hypoxia response pathway and beta-cell function. *Diabetes Obes Metab* 2010; 12 Suppl 2:159-67.
31. Cederholm JM, Absalom NL, Sugiharto S, Griffith R, Schofield PR, Lewis TM. Conformational changes in extracellular loop 2 associated with signal transduction in the glycine receptor. *J Neurochem* 2010; 115:1245-55.
- 32.
33. Center JR. The definition and clinical significance of nonvertebral fractures. *Curr Osteoporos Rep* 2010; 8:227-34.
34. Chan CB, Liu X, Ensslin MA, Dillehay DL, Ormandy CJ, Sohn P, Serra R, Ye K. PIKE-A is required for prolactin-mediated STAT5a activation in mammary gland development. *EMBO J* 2010; 29:956-68.
35. Chan TD, Gardam S, Gatto D, Turner VM, Silke J, Brink R. In vivo control of B cell survival and antigen-specific B cell responses. *Immunol Rev* 2010; 237:90-103.
36. Chandar S, Yeo LS, Leimena C, Tan JC, Xiao XH, Nikolova-Krstevski V, Yasuoka Y, Gardiner-Garden M, Wu J, Kesteven S, Karlsdotter L, Natarajan S, Carlton A, Rainer S, Feneley MP, Fatkin D. Effects of mechanical stress and carvedilol in lamin A/C-deficient dilated cardiomyopathy. *Circ Res* 2010; 106:573-82.
37. Chen I, Limb CJ, Ryugo DK. The effect of cochlear-implant-mediated electrical stimulation on spiral ganglion cells in congenitally deaf white cats. *JARO-J Assoc Res Oto* 2010; 11:587-603.
38. Cheng K, Ho K, Stokes R, Scott C, Lau SM, Hawthorne WJ, O'Connell PJ, Loudovaris T, Kay TW, Kulkarni RN, Okada T, Wang XL, Yim SH, Shah Y, Grey ST, Biankin AV, Kench JG, Laybutt DR, Gonzalez FJ, Kahn CR, Gunton JE. Hypoxia-inducible factor-1alpha regulates beta cell function in mouse and human islets. *J Clin Invest* 2010; 120:2171-83.
39. Cho JH, Kim HO, Surh CD, Sprent J. T cell receptor-dependent regulation of lipid rafts controls naive CD8+ T cell homeostasis. *Immunity* 2010; 32:214-226.
40. Clark IA, Alleva LM, Vissel B. The roles of TNF in brain dysfunction and disease. *Pharmacol Ther* 2010; 128:519-48.

41. Coolen MW, Stirzaker C, Song JZ, Statham AL, Kassir Z, Moreno CS, Young AN, Varma V, Speed TP, Cowley M, Lacaze P, Kaplan W, Robinson MD, Clark SJ. Consolidation of the cancer genome into domains of repressive chromatin by long-range epigenetic silencing (LRES) reduces transcriptional plasticity. *Nat Cell Biol* 2010; 12:235-46.
42. Cooley MA, Whittall C, Rolph MS. Pseudomonas signal molecule 3-oxo-C12-homoserine lactone interferes with binding of rosiglitazone to human PPARgamma. *Microbes Infect* 2010; 12:231-7.
43. Cox HM, Tough IR, Woolston AM, Zhang L, Nguyen AD, Sainsbury A, Herzog H. Peptide YY is critical for acylethanolamine receptor Gpr119-induced activation of gastrointestinal mucosal responses. *Cell Metab* 2010; 11:532-42.
44. Cox SL, Stolp J, Hallahan NL, Counotte J, Zhang W, Serreze DV, Basten A, Silveira PA. Enhanced responsiveness to T cell help causes loss of B-lymphocyte tolerance to a beta-cell neo-self-antigen in type 1 diabetes prone NOD mice. *Eur J Immunol* 2010; 40:3413-25.
45. Croucher DR, Rickwood D, Tactacan CM, Musgrove EA, Daly RJ. Cortactin modulates RhoA activation and expression of Cip/Kip cyclin-dependent kinase inhibitors to promote cell cycle progression in 11q13-amplified head and neck squamous cell carcinoma cells. *Mol Cell Biol* 2010; 30:5057-70.
46. Czernichow S, Greenfield JR, Galan P, Bastard JP, Charnaux N, Samaras K, Safar ME, Blacher J, Hercberg S, Levy BI. Microvascular dysfunction in healthy insulin-sensitive overweight individuals. *J Hypertens* 2010; 28:325-32.
47. Czernichow S, Greenfield JR, Galan P, Jellouli F, Safar ME, Blacher J, Hercberg S, Levy BI. Macrovascular and microvascular dysfunction in the metabolic syndrome. *Hypertens Res* 2010; 33:293-7.
48. Czernichow S, Lee CM, Barzi F, Greenfield JR, Baur LA, Chalmers J, Woodward M, Huxley RR. Efficacy of weight loss drugs on obesity and cardiovascular risk factors in obese adolescents: a meta-analysis of randomized controlled trials. *Obes Rev* 2010; 11:150-158.
49. Deenick EK, Chan A, Ma CS, Gatto D, Schwartzberg PL, Brink R, Tangye SG. Follicular helper T cell differentiation requires continuous antigen presentation that is independent of unique B cell signaling. *Immunity* 2010; 33:241-53.
50. Doumerc N, Yuen C, Savdie R, Rahman MB, PeBenito R, Stricker P. Robot-assisted laparoscopic prostatectomy: analysis of an experienced open surgeon's learning curve after 300 procedures. *J Robotic Surg* 2010; 3:229-234.
51. Doumerc N, Yuen C, Savdie R, Rahman MB, Rasiah KK, Pe Benito R, Delprado W, Matthews J, Haynes AM, Stricker PD. Should experienced open prostatic surgeons convert to robotic surgery? The real learning curve for one surgeon over 3 years. *BJU Int* 2010; 106:378-84.
52. Driessler F, Baldock PA. Hypothalamic regulation of bone. *J Mol Endocrinol* 2010; 45:175-81.
53. Duffy L, Cappas E, Lai D, Boucher AA, Karl T. Cognition in transmembrane domain neuregulin 1 mutant mice. *Neuroscience* 2010; 170:800-7.
54. Faiz O, Warusavitarne J, Bottle A, Tekkis PP, Clark SK, Darzi AW, Aylin P. Nonelective excisional colorectal surgery in English National Health Service Trusts: a study of outcomes from Hospital Episode Statistics Data between 1996 and 2007. *J Am Coll Surg* 2010; 210:390-401.
55. Fazakerley DJ, Holman GD, Marley A, James DE, Stockli J, Coster AC. Kinetic evidence for unique regulation of GLUT4 trafficking by insulin and AMP-activated protein kinase activators in L6 myotubes. *J Biol Chem* 2010; 285:1653-60.
56. Fedele CG, Ooms LM, Ho M, Vieusseux J, O'Toole SA, Millar EK, Lopez-Knowles E, Sriratana A, Gurung R, Baglietto L, Giles GG, Bailey CG, Rasko JE, Shields BJ, Price JT, Majerus PW, Sutherland RL, Tiganis T, McLean CA, Mitchell CA. Inositol polyphosphate 4-phosphatase II regulates PI3K/Akt signaling and is lost in human basal-like breast cancers. *Proc Natl Acad Sci U S A* 2010; 107:22231-6.
57. Fleuren ED, O'Toole S, Millar EK, McNeil C, Lopez-Knowles E, Boulghourjian A, Croucher DR, Schramek D, Brummer T, Penninger JM, Sutherland RL, Daly RJ. Overexpression of the oncogenic signal transducer Gab2 occurs early in breast cancer development. *Int J Cancer* 2010; 127:1486-92.
58. Frangioudakis G, Garrard J, Raddatz K, Nadler JL, Mitchell TW, Schmitz-Peiffer C. Saturated- and n-6 polyunsaturated-fat diets each induce ceramide accumulation in mouse skeletal muscle: reversal and improvement of glucose tolerance by lipid metabolism inhibitors. *Endocrinology* 2010; 151:4187-96.
59. Frisard MI, McMillan RP, Marchand J, Wahlberg KA, Wu Y, Voelker KA, Heilbronn L, Haynie K, Muoio B, Li L, Hulver MW. Toll-like receptor 4 modulates skeletal muscle substrate metabolism. *Am J Physiol Endocrinol Metab* 2010; 298:E988-98.

60. Galbraith S, Daniel JA, Vissel B. A study of clustered data and approaches to its analysis. *J Neurosci* 2010; 30:10601-8.
61. Gardam S, Brink R. Regulation of B cell self-tolerance by BAFF and the molecular basis of its action In: *BLys Ligands and Receptors*. Cancro MP, editor. Humana Press 2010; 43-63.
62. Gatto D, Brink R. The germinal center reaction. *J Allergy Clin Immunol* 2010; 126:898-907.
63. Giustina A, Chanson P, Bronstein MD, Klibanski A, Lamberts S, Casanueva FF, Trainer P, Ghigo E, Ho K, Melmed S. A consensus on criteria for cure of acromegaly. *J Clin Endocrinol Metab* 2010; 95:3141-8.
64. Goodnow CC, Vinuesa CG, Randall KL, Mackay F, Brink R. Control systems and decision making for antibody production. *Nat Immunol* 2010; 11:681-8.
65. Gu X, Li K, Laybutt DR, He ML, Zhao HL, Chan JC, Xu G. Bip overexpression, but not CHOP inhibition, attenuates fatty-acid-induced endoplasmic reticulum stress and apoptosis in HepG2 liver cells. *Life Sci* 2010; 87:724-32.
66. Gupta VK, Rajala A, Daly RJ, Rajala RV. Growth factor receptor-bound protein 14: a new modulator of photoreceptor-specific cyclic-nucleotide-gated channel. *EMBO Rep* 2010; 11:861-7.
67. Hilton HN, Kalyuga M, Cowley MJ, Alles MC, Lee HJ, Caldon CE, Blazek K, Kaplan W, Musgrove EA, Daly RJ, Naylor MJ, Graham JD, Clarke CL, Ormandy CJ. The antiproliferative effects of progestins in T47D breast cancer cells are tempered by progestin induction of the ETS transcription factor Elf5. *Mol Endocrinol* 2010; 24:1380-92.
68. Hislop AD, Palendira U, Leese AM, Arkwright PD, Rohrlich PS, Tangye SG, Gaspar HB, Lankester AC, Moretta A, Rickinson AB. Impaired Epstein-Barr virus-specific CD8+ T cell function in X-linked lymphoproliferative disease is restricted to SLAM family-positive B cell targets. *Blood* 2010; 116:3249-57.
69. Ho KKY, Meinhardt U, Clifford D. Misleading interpretations and public misinformation on human growth hormone in athletes RESPONSE. *Ann Intern Med* 2010; 153:346-347.
70. Ho-Pham LT, Lai TQ, Nguyen ND, Barrett-Connor E, Nguyen TV. Similarity in percent body fat between white and Vietnamese women: implication for a universal definition of obesity. *Obesity (Silver Spring)* 2010; 18:1242-6.
71. Ho-Pham LT, Nguyen ND, Lai TQ, Nguyen TV. Contributions of lean mass and fat mass to bone mineral density: A study in postmenopausal women. *BMC Musculoskelet Disord* 2010; 11:59.
72. Ho-Pham LT, Nguyen ND, Nguyen TT, Nguyen DH, Bui PK, Nguyen VN, Nguyen TV. Association between vitamin D insufficiency and tuberculosis in a Vietnamese population. *BMC Infect Dis* 2010; 10:306.
73. Hochgrafe F, Zhang L, O'Toole SA, Browne BC, Pinese M, Porta Cubas A, Lehrbach GM, Croucher DR, Rickwood D, Boulghourjian A, Shearer R, Nair R, Swarbrick A, Faratian D, Mullen P, Harrison DJ, Biankin AV, Sutherland RL, Raftery MJ, Daly RJ. Tyrosine phosphorylation profiling reveals the signaling network characteristics of Basal breast cancer cells. *Cancer Res* 2010; 70:9391-401.
74. Hocking SL, Wu LE, Guilhaus M, Chisholm DJ, James DE. Intrinsic depot-specific differences in the secretome of adipose tissue, preadipocytes, and adipose tissue-derived microvascular endothelial cells. *Diabetes* 2010; 59:3008-16.
75. Hoehn KL, Turner N, Swarbrick MM, Wilks D, Preston E, Phua Y, Joshi H, Furler SM, Larance M, Hegarty BD, Leslie SJ, Pickford R, Hoy AJ, Kraegen EW, James DE, Cooney GJ. Acute or chronic upregulation of mitochondrial fatty acid oxidation has no net effect on whole-body energy expenditure or adiposity. *Cell Metab* 2010; 11:70-6.
76. International Cancer Genome Consortium. International network of cancer genome projects. *Nature* 2010; 464:993-8.
77. Jenkins AB, Campbell LV. Insulin secretion and impaired glucose tolerance. *Diabetologia* 2010; 53:2266-8; author reply 2269-70; discussion 2271-2.
78. Johnstone LS, Graham SJL, Dziadek MA. STIM proteins: integrators of signalling pathways in development, differentiation and disease. *J Cell Mol Med* 2010; 14:1890-1903.
79. Joshi D, Center JR, Eisman JA. Vitamin D deficiency in adults. *Aust Prescr* 2010; 33:103-6.
80. Kanzleiter T, Preston E, Wilks D, Ho B, Benrick A, Reznick J, Heilbronn LK, Turner N, Cooney GJ. Overexpression of the orphan receptor Nur77 alters glucose metabolism in rat muscle cells and rat muscle in vivo. *Diabetologia* 2010; 53:1174-83.
81. Karl T, Chesworth R, Duffy L, Herzog H. Schizophrenia-relevant behaviours in a genetic mouse model for Y2 deficiency. *Behav Brain Res* 2010; 207:434-40.
82. Karl T, Chesworth R, Duffy L, Herzog H. Acoustic startle response and sensorimotor gating in a genetic mouse model for the Y1 receptor. *Neuropeptides* 2010; 44:233-9.

83. Killen J, Tonks K, Greenfield JR, Story DA. New insulin analogues and perioperative care of patients with type 1 diabetes. *Anaesth Intensive Care* 2010; 38:244-9.
84. Kohonen-Corish M, Weber TK, Lindblom A, Macrae F. Report of the Combined Meeting of the International Society for Gastrointestinal Hereditary Tumours, the Human Variome Project and the National Cancer Institute Colon Cancer Family Registry, Duesseldorf, Germany, 24 June 2009. *Fam Cancer* 2010; 9:705-711.
85. Kohonen-Corish MR, Al-Aama JY, Auerbach AD, Axton M, Barash CI, Bernstein I, Beroud C, Burn J, Cunningham F, Cutting GR, den Dunnen JT, Greenblatt MS, Kaput J, Katz M, Lindblom A, Macrae F, Maglott D, Moslein G, Povey S, Ramesar R, Richards S, Seminara D, Sobrido MJ, Tavtigian S, Taylor G, Vihinen M, Winship I, Cotton RG. How to catch all those mutations-the report of the third human variome project meeting, UNESCO Paris, May 2010. *Hum Mutat* 2010; 31:1374-1381.
86. Kolbeck R, Kozhich A, Koike M, Peng L, Andersson CK, Damschroder MM, Reed JL, Woods R, Dall'acqua WW, Stephens GL, Erjefalt JS, Bjerner L, Humbles AA, Gossage D, Wu H, Kiener PA, Spitalny GL, Mackay CR, Molino NA, Coyle AJ. MEDI-563, a humanized anti-IL-5 receptor alpha mAb with enhanced antibody-dependent cell-mediated cytotoxicity function. *J Allergy Clin Immunol* 2010; 125:1344-1353 e2.
87. Lamb CA, McCann RK, Stockli J, James DE, Bryant NJ. Insulin-regulated trafficking of GLUT4 requires ubiquitination. *Traffic* 2010; 11:1445-1454.
88. Larance M, Rowland AF, Hoehn KL, Humphreys DT, Preiss T, Guilhaus M, James DE. Global phosphoproteomics identifies a major role for AKT and 14-3-3 in regulating EDC3. *Mol Cell Proteomics* 2010; 9:682-94.
89. Larson-Meyer DE, Ravussin E, Heilbronn L, DeJonge L. Ghrelin and peptide YY in postpartum lactating and nonlactating women. *Am J Clin Nutr* 2010; 91:366-72.
90. Larson-Meyer DE, Redman L, Heilbronn LK, Martin CK, Ravussin E. Caloric restriction with or without exercise: the fitness versus fatness debate. *Med Sci Sports Exerc* 2010; 42:152-9.
91. Laurs-van Geel TA, Center JR, Geusens PP, Dinant GJ, Eisman JA. Clinical fractures cluster in time after initial fracture. *Maturitas* 2010; 67:339-42.
92. Lee CM, McGuire H, Basten A, King C, Christ D. Expression, purification and characterization of recombinant interleukin-21. *J Immunol Methods* 2010; 362:185-9.
93. Lee H. What's wrong with the Nobel Prize? *Australian Medical Student Journal (AMSJ)* 2010; 1:65-67.
94. Lee NJ, Doyle KL, Sainsbury A, Enriquez RF, Hort YJ, Riepler SJ, Baldock PA, Herzog H. Critical role for Y1 receptors in mesenchymal progenitor cell differentiation and osteoblast activity. *J Bone Miner Res* 2010; 25:1736-47.
95. Lee P. Directile dysfunction. *Med Teach* 2010; 32:422-4.
96. Lee P. Atypical femoral fractures. *Can Med Assoc J* 2010; 182:384-5.
97. Lee P, Greenfield JR, Ho KK, Fulham MJ. A critical appraisal of the prevalence and metabolic significance of brown adipose tissue in adult humans. *Am J Physiol Endocrinol Metab* 2010; 299:E601-6.
98. Lee P, Ho KK. Hyponatremia in pulmonary TB: evidence of ectopic antidiuretic hormone production. *CHEST* 2010; 137:207-8.
99. Leong GM, Kee AJ, Millard SM, Martel N, Eriksson N, Turner N, Cooney GJ, Hardeman EC, Muscat GE. The Ski proto-oncogene regulates body composition and suppresses lipogenesis. *Int J Obes (Lond)* 2010; 34:524-36.
100. Letourneau S, van Leeuwen EM, Krieg C, Martin C, Pantaleo G, Sprent J, Surh CD, Boyman O. IL-2/anti-IL-2 antibody complexes show strong biological activity by avoiding interaction with IL-2 receptor alpha subunit CD25. *Proc Natl Acad Sci U S A* 2010; 107:2171-6.
101. Li J, Sze DM, Brown RD, Cowley MJ, Kaplan W, Mo SL, Yang S, Aklilu E, Kabani K, Loh YS, Yamagishi T, Chen Y, Ho PJ, Joshua DE. Clonal expansions of cytotoxic T cells exist in the blood of patients with Waldenstrom macroglobulinemia but exhibit anergic properties and are eliminated by nucleoside analogue therapy. *Blood* 2010; 115:3580-8.
102. Lin EJ, Lin S, Aljanova A, Doring MJ, Herzog H. Adult-onset hippocampal-specific neuropeptide Y overexpression confers mild anxiolytic effect in mice. *Eur Neuropsychopharmacol* 2010; 20:164-175.
103. Lin RC, Weeks KL, Gao XM, Williams RB, Bernardo BC, Kiriazis H, Matthews VB, Woodcock EA, Bouwman RD, Mollica JP, Speirs HJ, Dawes IW, Daly RJ, Shioi T, Izumo S, Febbraio MA, Du XJ, McMullen JR. PI3K(p110 alpha) protects against myocardial infarction-induced heart failure: identification of PI3K-regulated miRNA and mRNA. *Arterioscler Thromb Vasc Biol* 2010; 30:724-32.

104. Linterman MA, Beaton L, Yu D, Ramiscal RR, Srivastava M, Hogan JJ, Verma NK, Smyth MJ, Rigby RJ, Vinuesa CG. IL-21 acts directly on B cells to regulate Bcl-6 expression and germinal center responses. *J Exp Med* 2010; 207:353-63.
105. Lips P, Jameson K, Bianchi ML, Goemaere S, Boonen S, Reeve J, Stepan J, Johnell O, van Schoor NM, Dennison E, Kanis JA, Cooper C. Validation of the IOF quality of life questionnaire for patients with wrist fracture. *Osteoporos Int* 2010; 21:61-70.
106. Long LE, Chesworth R, Arnold JC, Karl T. A follow-up study: acute behavioural effects of Delta(9)-THC in female heterozygous neuregulin 1 transmembrane domain mutant mice. *Psychopharmacology (Berl)* 2010; 211:277-89.
107. Long LE, Chesworth R, Huang XF, McGregor IS, Arnold JC, Karl T. A behavioural comparison of acute and chronic Delta(9)-tetrahydrocannabinol and cannabidiol in C57BL/6JArc mice. *Int J Neuropsychoph* 2010; 13:861-876.
108. Lopez-Knowles E, O'Toole SA, McNeil CM, Millar EK, Qiu MR, Crea P, Daly RJ, Musgrove EA, Sutherland RL. PI3K pathway activation in breast cancer is associated with the basal-like phenotype and cancer-specific mortality. *Int J Cancer* 2010; 126:1121-31.
109. Lopez-Knowles E, Zardawi SJ, McNeil CM, Millar EK, Crea P, Musgrove EA, Sutherland RL, O'Toole SA. Cytoplasmic localization of beta-catenin is a marker of poor outcome in breast cancer patients. *Cancer Epidemiol Biomarkers Prev* 2010; 19:301-9.
110. Lu QA, Iseli TJ, Yin FZ, Ma CM, Liu BW, Lou DH, Liu XL. The relationship between the waist-to-height ratio and glucose and lipid metabolism in Han adolescents. *Indian J Pediatr* 2010; 77:547-550.
111. Luo X, Tsai LM, Shen N, Yu D. Evidence for microRNA-mediated regulation in rheumatic diseases. *Ann Rheum Dis* 2010; 69 Suppl 1:30-36.
112. Ma CS, Tangye SG, Deenick EK. Human Th9 cells: inflammatory cytokines modulate IL-9 production through the induction of IL-21. *Immunol Cell Biol* 2010; 88:621-3.
113. Mainra R, Elder GJ. Individualized therapy to prevent bone mineral density loss after kidney and kidney-pancreas transplantation. *Clin J Am Soc Nephrol* 2010; 5:117-24.
114. Marshall GM, Gherardi S, Xu N, Neiron Z, Trahair T, Scarlett CJ, Chang DK, Liu PY, Jankowski K, Iraci N, Haber M, Norris MD, Keating J, Sekyere E, Jonquieres G, Stossi F, Katzenellenbogen BS, Biankin AV, Perini G, Liu T. Transcriptional upregulation of histone deacetylase 2 promotes Myc-induced oncogenic effects. *Oncogene* 2010; 29:5957-68.
115. Martin CE, Kim DM, Sprent J, Surh CD. Is IL-7 from dendritic cells essential for the homeostasis of CD4+ T cells? *Nat Immunol* 2010; 11:547-8; author reply 548.
116. Meinhardt U, Nelson AE, Hansen JL, Birzniece V, Clifford D, Leung KC, Graham K, Ho KK. The effects of growth hormone on body composition and physical performance in recreational athletes: a randomized trial. *Ann Intern Med* 2010; 152:568-77.
117. Mellick AS, Plummer PN, Nolan DJ, Gao D, Bambino K, Hahn M, Catena R, Turner V, McDonnell K, Benezra R, Brink R, Swarbrick A, Mittal V. Using the transcription factor inhibitor of DNA binding 1 to selectively target endothelial progenitor cells offers novel strategies to inhibit tumor angiogenesis and growth. *Cancer Res* 2010; 70:7273-82.
118. Menzies KK, Lee HJ, Lefevre C, Ormandy CJ, Macmillan KL, Nicholas KR. Insulin, a key regulator of hormone responsive milk protein synthesis during lactogenesis in murine mammary explants. *Funct Integr Genomics* 2010; 10:87-95.
119. Milner KL, van der Poorten D, Trenell M, Jenkins AB, Xu A, Smythe G, Dore GJ, Zekry A, Weltman M, Fragomeli V, George J, Chisholm DJ. Chronic hepatitis C is associated with peripheral rather than hepatic insulin resistance. *Gastroenterology* 2010; 138:932-41 e1-3.
120. Murphy NC, Biankin AV, Millar EK, McNeil CM, O'Toole SA, Segara D, Crea P, Olayioye MA, Lee CS, Fox SB, Morey AL, Christie M, Musgrove EA, Daly RJ, Lindeman GJ, Henshall SM, Visvader JE, Sutherland RL. Loss of STARD10 expression identifies a group of poor prognosis breast cancers independent of HER2/Neu and triple negative status. *Int J Cancer* 2010; 126:1445-53.
121. Nair R, Junankar S, O'Toole S, Shah J, Borowsky AD, Bishop JM, Swarbrick A. Redefining the expression and function of the inhibitor of differentiation 1 in mammary gland development. *PLoS ONE* 2010; 5:e11947.
122. Naughtin MJ, Sheffield DA, Rahman P, Hughes WE, Gurung R, Stow JL, Nandurkar HH, Dyson JM, Mitchell CA. The myotubularin phosphatase MTMR4 regulates sorting from early endosomes. *J Cell Sci* 2010; 123:3071-83.
123. Ng SF, Lin RC, Laybutt DR, Barres R, Owens JA, Morris MJ. Chronic high-fat diet in fathers programs beta-cell dysfunction in female rat offspring. *Nature* 2010; 467:963-6.
124. Ng Y, Ramm G, Burchfield JG, Coster AC, Stockli J, James DE. Cluster analysis of insulin action in adipocytes reveals a key role for Akt at the plasma membrane. *J Biol Chem* 2010; 285:2245-57.

125. Ng Y, Ramm G, James DE. Dissecting the mechanism of insulin resistance using a novel heterodimerization strategy to activate Akt. *J Biol Chem* 2010; 285:5232-9.
126. Painsipp E, Herzog H, Holzer P. Evidence from knockout mice that neuropeptide-Y Y2 and Y4 receptor signalling prevents long-term depression-like behaviour caused by immune challenge. *J Psychopharmacol* 2010; 24:1551-60.
127. Painsipp E, Sperk G, Herzog H, Holzer P. Delayed stress-induced differences in locomotor and depression-related behaviour in female neuropeptide-Y Y1 receptor knockout mice. *J Psychopharmacol* 2010; 24:1541-9.
128. Palmer C, Corpuz T, Guirguis M, O'Toole S, Yan K, Bu YM, Jorgenson J, Talbot M, Loi K, Lloyd A, Zekry A. The effect of obesity on intrahepatic cytokine and chemokine expression in chronic hepatitis C infection. *Gut* 2010; 59:397-404.
129. Passam FH, Rahgozar S, Qi M, Raftery MJ, Wong JW, Tanaka K, Ioannou Y, Zhang JY, Gemmell R, Qi JC, Giannakopoulos B, Hughes WE, Hogg PJ, Krilis SA. Beta 2 glycoprotein I is a substrate of thiol oxidoreductases. *Blood* 2010; 116:1995-1997.
130. Passam FH, Rahgozar S, Qi M, Raftery MJ, Wong JW, Tanaka K, Ioannou Y, Zhang JY, Gemmell R, Qi JC, Giannakopoulos B, Hughes WE, Hogg PJ, Krilis SA. Redox control of beta(2) -glycoprotein I-von Willebrand factor interaction by thioredoxin-1. *J Thromb Haemost* 2010; 8:1754-62.
131. Patterson KI, Brummer T, Daly RJ, O'Brien PM. DUSP26 negatively affects the proliferation of epithelial cells, an effect not mediated by dephosphorylation of MAPKs. *Biochim Biophys Acta* 2010; 1803:1003-1012.
132. Phan TG, Brink R. Micromanaging memory with immunoglobulin microclusters. *Immunity* 2010; 32:732-3.
133. Phan TG, Bullen A. Practical intravital two-photon microscopy for immunological research: faster, brighter, deeper. *Immunol Cell Biol* 2010; 88:438-44.
134. Phan TG, Chtanova T. Border patrol: SCS macrophages activate iNKT cells too. *Immunol Cell Biol* 2010; 88:619-21.
135. Pierroz DD, Bonnet N, Baldock PA, Ominsky MS, Stolina M, Kostenuik PJ, Ferrari SL. Are osteoclasts needed for the bone anabolic response to parathyroid hormone?: a study of intermittent parathyroid hormone with denosumab or alendronate in knock-in mice expressing humanized RANKL. *J Biol Chem* 2010; 285:28164-73.
136. Qiu BY, Turner N, Li YY, Gu M, Huang MW, Wu F, Pang T, Nan FJ, Ye JM, Li JY, Li J. High-throughput assay for modulators of mitochondrial membrane potential identifies a novel compound with beneficial effects on db/db mice. *Diabetes* 2010; 59:256-65.
137. Quinlan KG, Seto JT, Turner N, Vandebrouck A, Floetenmeyer M, Macarthur DG, Raftery JM, Lek M, Yang N, Parton RG, Cooney GJ, North KN. Alpha-actinin-3 deficiency results in reduced glycogen phosphorylase activity and altered calcium handling in skeletal muscle. *Hum Mol Genet* 2010; 19:1335-46.
138. Ricciardelli C, Bianco-Miotto T, Jindal S, Dodd TJ, Cohen PA, Marshall VR, Sutherland PD, Samaratunga H, Kench JG, Dong Y, Wang H, Clements JA, Risbridger GP, Sutherland RL, Tilley WD, Horsfall DJ. Comparative biomarker expression and RNA integrity in biospecimens derived from radical retropubic and robot-assisted laparoscopic prostatectomies. *Cancer Epidemiol Biomarkers Prev* 2010; 19:1755-65.
139. Richards AA, Colgrave ML, Zhang J, Webster J, Simpson F, Preston E, Wilks D, Hoehn KL, Stephenson M, Macdonald GA, Prins JB, Cooney GJ, Xu A, Whitehead JP. Sialic acid modification of adiponectin is not required for multimerization or secretion but determines half-life in circulation. *Mol Endocrinol* 2010; 24:229-39.
140. Riley LG, Gardiner-Garden M, Thomson PC, Wynn PC, Williamson P, Raadsma HW, Sheehy PA. The influence of extracellular matrix and prolactin on global gene expression profiles of primary bovine mammary epithelial cells in vitro. *Animal Genetics* 2010; 41:55-63.
141. Robinson MD, McCarthy DJ, Smyth GK. edgeR: a Bioconductor package for differential expression analysis of digital gene expression data. *Bioinformatics* 2010; 26:139-40.
142. Robinson MD, Statham AL, Speed TP, Clark SJ. Protocol matters: Which methylome are you actually studying? *Epigenomics* 2010; 2:587-598.
143. Robinson MD, Stirzaker C, Statham AL, Coolen MW, Song JZ, Nair SS, Strbenac D, Speed TP, Clark SJ. Evaluation of affinity-based genome-wide DNA methylation data: Effects of CpG density, amplification bias, and copy number variation. *Genome Res* 2010; 20:1719-29.
144. Robotin MC, Jones SC, Biankin AV, Waters L, Iverson D, Gooden H, Barraclough B, Penman AG. Defining research priorities for pancreatic cancer in Australia: results of a consensus development process. *Cancer Causes Control* 2010; 21:729-36.

145. Rogers RL, Van Seuning I, Gould J, Hertzog PJ, Naylor MJ, Pritchard MA. Transcript profiling of Elf5+/- mammary glands during pregnancy identifies novel targets of Elf5. *PLoS ONE* 2010; 5:e13150.
146. Rojo Venegas K, Gomez MA, Eisman JA, Sanchez AG, Dader MJ, Hernandez MA. Pharmacogenetics of osteoporosis-related bone fractures: moving towards the harmonization and validation of polymorphism diagnostic tools. *Pharmacogenomics* 2010; 11:1287-303.
147. Saha AK, Xu XJ, Lawson E, Deoliveira R, Brandon AE, Kraegen EW, Ruderman NB. Downregulation of AMPK accompanies leucine- and glucose-induced increases in protein synthesis and insulin resistance in rat skeletal muscle. *Diabetes* 2010; 59:2426-34.
148. Sainsbury A, Shi YC, Zhang L, Aljanova A, Lin Z, Nguyen AD, Herzog H, Lin S. Y4 receptors and pancreatic polypeptide regulate food intake via hypothalamic orexin and brain-derived neurotropic factor dependent pathways. *Neuropeptides* 2010; 44:261-8.
149. Sainsbury A, Zhang L. Role of the arcuate nucleus of the hypothalamus in regulation of body weight during energy deficit. *Mol Cell Endocrinol* 2010; 316:109-19.
150. Samaras K, Botelho NK, Chisholm DJ, Lord RV. Subcutaneous and visceral adipose tissue FTO gene expression and adiposity, insulin action, glucose metabolism, and inflammatory adipokines in type 2 diabetes mellitus and in health. *Obes Surg* 2010; 20:108-13.
151. Samaras K, Botelho NK, Chisholm DJ, Lord RV. Subcutaneous and visceral adipose tissue gene expression of serum adipokines that predict type 2 diabetes. *Obesity (Silver Spring)* 2010; 18:884-9.
152. Samaras K, Richardson R, Carr A. Postprandial lipid effects of low-dose ritonavir vs. raltegravir in HIV-uninfected adults. *AIDS* 2010; 24:1727-31.
153. Samocha-Bonet D, Campbell LV, Viardot A, Freund J, Tam CS, Greenfield JR, Heilbronn LK. A family history of type 2 diabetes increases risk factors associated with overfeeding. *Diabetologia* 2010; 53:1700-8.
154. Samocha-Bonet D, Heilbronn LK, Lichtenberg D, Campbell LV. Does skeletal muscle oxidative stress initiate insulin resistance in genetically predisposed individuals? *Trends Endocrinol Metab* 2010; 21:83-88.
155. Sandhu SK, Nguyen ND, Center JR, Pocock NA, Eisman JA, Nguyen TV. Prognosis of fracture: evaluation of predictive accuracy of the FRAX algorithm and Garvan nomogram. *Osteoporos Int* 2010; 21:863-71.
156. Schindeler A, Morse A, Peacock L, Mikulec K, Yu NY, Liu R, Kijumnuayporn S, McDonald MM, Baldock PA, Ruys AJ, Little DG. Rapid cell culture and pre-clinical screening of a transforming growth factor-beta (TGF-beta) inhibitor for orthopaedics. *BMC Musculoskelet Disord* 2010; 11:105.
157. Schmitz-Peiffer C. Targeting ceramide synthesis to reverse insulin resistance. *Diabetes* 2010; 59:2351-3.
158. Schmitz-Peiffer C, Biden TJ. PKCdelta blues for the beta-cell. *Diabetes* 2010; 59:1-3.
159. Schramek D, Leibbrandt A, Sigl V, Kenner L, Pospisilik JA, Lee HJ, Hanada R, Joshi PA, Aliprantis A, Glimcher L, Pasparakis M, Khokha R, Ormandy CJ, Widschwendter M, Schett G, Penninger JM. Osteoclast differentiation factor RANKL controls development of progestin-driven mammary cancer. *Nature* 2010; 468:98-102.
160. Shi YC, Lin S, Wong IP, Baldock PA, Aljanova A, Enriquez RF, Castillo L, Mitchell NF, Ye JM, Zhang L, Macia L, Yulyaningsih E, Nguyen AD, Riepler SJ, Herzog H, Sainsbury A. NPY neuron-specific Y2 receptors regulate adipose tissue and trabecular bone but not cortical bone homeostasis in mice. *PLoS ONE* 2010; 5:e11361.
161. Silke J, Brink R. Regulation of TNFRSF and innate immune signalling complexes by TRAFs and cIAPs. *Cell Death Differ* 2010; 17:35-45.
162. Simpson N, Gatenby PA, Wilson A, Malik S, Fulcher DA, Tangye SG, Manku H, Vyse TJ, Roncador G, Huttley GA, Goodnow CC, Vinuesa CG, Cook MC. Expansion of circulating T cells resembling follicular helper T cells is a fixed phenotype that identifies a subset of severe systemic lupus erythematosus. *Arthritis Rheum* 2010; 62:234-244.
163. Statham AL, Strbenac D, Coolen MW, Stirzaker C, Clark SJ, Robinson MD. Repitools: an R package for the analysis of enrichment-based epigenomic data. *Bioinformatics* 2010; 26:1662-3.
164. Stockli J, Fazakerley DJ, Coster AC, Holman GD, James DE. Muscling in on GLUT4 kinetics. *Commun Integr Biol* 2010; 3:260-2.
165. Su LJ, Auluck PK, Outeiro TF, Yeger-Lotem E, Kritzer JA, Tardiff DF, Strathearn KE, Liu F, Cao S, Hamamichi S, Hill KJ, Caldwell KA, Bell GW, Fraenkel E, Cooper AA, Caldwell GA, McCaffery JM, Rochet JC, Lindquist S. Compounds from an unbiased chemical screen reverse both ER-to-Golgi trafficking defects and mitochondrial dysfunction in Parkinson's disease models. *Dis Model Mech* 2010; 3:194-208.



166. Sullivan JM, Borecki AA, Oleskevich S. Stem and progenitor cell compartments within adult mouse taste buds. *Eur J Neurosci* 2010; 31:1549-60.
167. Surh CD, Sprent J. Glimpsing the real CD4+ T cell response. *Nat Immunol* 2010; 11:47-9.
168. Suryani S, Fulcher DA, Santner-Nanan B, Nanan R, Wong M, Shaw PJ, Gibson J, Williams A, Tangye SG. Differential expression of CD21 identifies developmentally and functionally distinct subsets of human transitional B cells. *Blood* 2010; 115:519-29.
169. Suryani S, Tangye SG. Therapeutic implications of advances in our understanding of transitional B cell development in humans. *Expert Rev Clin Immunol* 2010; 6:765-75.
170. Swarbrick A, Woods SL, Shaw A, Balakrishnan A, Phua Y, Nguyen A, Chanthery Y, Lim L, Ashton LJ, Judson RL, Huskey N, Belloch R, Haber M, Norris MD, Lengyel P, Hackett CS, Preiss T, Chetcuti A, Sullivan CS, Marcusson EG, Weiss W, L'Etoile N, Goga A. miR-380-5p represses p53 to control cellular survival and is associated with poor outcome in MYCN-amplified neuroblastoma. *Nat Med* 2010; 16:1134-40.
171. Ta MT, Nguyen KT, Nguyen ND, Campbell LV, Nguyen TV. Identification of undiagnosed type 2 diabetes by systolic blood pressure and waist-to-hip ratio. *Diabetologia* 2010; 53:2139-46.
172. Talantov D, Jatko TA, Bohm M, Zhang Y, Ferguson AM, Stricker PD, Kattan MW, Sutherland RL, Kench JG, Wang Y, Henshall SM. Gene based prediction of clinically localized prostate cancer progression after radical prostatectomy. *J Urol* 2010; 184:1521-8.
173. Tam CS, Garnett SP, Cowell CT, Heilbronn LK, Lee JW, Wong M, Baur LA. IL-6, IL-8 and IL-10 levels in healthy weight and overweight children. *Horm Res Paediatr* 2010; 73:128-34.
174. Tam CS, Viardot A, Clement K, Tordjman J, Tonks K, Greenfield JR, Campbell LV, Samocha-Bonet D, Heilbronn LK. Short-term overfeeding may induce peripheral insulin resistance without altering subcutaneous adipose tissue macrophages in humans. *Diabetes* 2010; 59:2164-70.
175. Tan SX, Ng Y, James DE. Akt inhibitors reduce glucose uptake independently of their effects on Akt. *Biochem J* 2010; 432:191-7.
176. Tangye SG, Fulcher DA. The role of BAFF and APRIL in regulating human B cell behaviour: implications for disease pathogenesis. In: *BLys Ligands and Receptors*. Cancro MP, editor. Humana Press 2010; 195-220.
177. Tasan RO, Nguyen NK, Weger S, Sartori SB, Singewald N, Heilbronn R, Herzog H, Sperk G. The central and basolateral amygdala are critical sites of neuropeptide Y/Y2 receptor-mediated regulation of anxiety and depression. *J Neurosci* 2010; 30:6282-90.
178. Thanigasalam R, Rasiah KK, Stricker PD, Haynes AM, Sutherland SI, Sutherland RL, Henshall SM, Horvath LG. Stage migration in localized prostate cancer has no effect on the post-radical prostatectomy Kattan nomogram. *BJU Int* 2010; 105:642-647.
179. Tindall EA, Severi G, Hoang HN, Ma CS, Fernandez P, Southey MC, English DR, Hopper JL, Heyns CF, Tangye SG, Giles GG, Hayes VM. Comprehensive analysis of the cytokine-rich chromosome 5q31.1 region suggests a role for IL-4 gene variants in prostate cancer risk. *Carcinogenesis* 2010; 31:1748-54.
180. Tonks KT, Jones GR, McGeechan K, Campbell LV. Hyperglycaemia in hospital inpatients: still a sticky situation. *Intern Med J* 2010; 40:521-6.
181. Toouli J, Biankin AV, Oliver MR, Pearce CB, Wilson JS, Wray NH. Management of pancreatic exocrine insufficiency: Australasian Pancreatic Club recommendations. *Med J Aust* 2010; 193:461-7.
182. Toussaint ND, Elder GJ, Kerr PG. A rational guide to reducing fracture risk in dialysis patients. *Semin Dial* 2010; 23:43-54.
183. Trollor JN, Smith E, Baune BT, Kochan NA, Campbell L, Samaras K, Crawford J, Brodaty H, Sachdev P. Systemic inflammation is associated with MCI and its subtypes: the Sydney Memory and Aging Study. *Dement Geriatr Cogn Disord* 2010; 30:569-78.
184. Tsai LM, Yu D. MicroRNAs in common diseases and potential therapeutic applications. *Clin Exp Pharmacol Physiol* 2010; 37:102-7.
185. Turner ML, Corcoran LM, Brink R, Hodgkin PD. High-affinity B cell receptor ligation by cognate antigen induces cytokine-independent isotype switching. *J Immunol* 2010; 184:6592-9.
186. Turner VM, Gardam S, Brink R. Lineage-specific transgene expression in hematopoietic cells using a Cre-regulated retroviral vector. *J Immunol Methods* 2010; 360:162-166.
187. Viardot A, Lord RV, Samaras K. The effects of weight loss and gastric banding on the innate and adaptive immune system in type 2 diabetes and prediabetes. *J Clin Endocrinol Metab* 2010; 95:2845-50.
188. Viardot A, Sze L, Purtell L, Sainsbury A, Loughnan G, Smith E, Herzog H, Steinbeck K, Campbell LV. Prader-willi syndrome is associated with activation of the innate immune system independently of central adiposity and insulin resistance. *J Clin Endocrinol Metab* 2010; 95:3392-9.

189. Walker CS, Li X, Whiting L, Glyn-Jones S, Zhang S, Hickey AJ, Sewell MA, Ruggiero K, Phillips AR, Kraegen EW, Hay DL, Cooper GJ, Loomes KM. Mice lacking the neuropeptide alpha-caltonin gene-related peptide are protected against diet-induced obesity. *Endocrinology* 2010; 151:4257-69.
190. Walter I, Hegarty B, Seebacher F. AMP-activated protein kinase controls metabolism and heat production during embryonic development in birds. *J Exp Biol* 2010; 213:3167-3176.
191. White PJ, Charbonneau A, Cooney GJ, Marette A. Nitrosative modifications of protein and lipid signaling molecules by reactive nitrogen species. *Am J Physiol Endocrinol Metab* 2010; 299:E868-78.
192. Wiltgen BJ, Royle GA, Gray EE, Abdipranoto A, Thangthaeng N, Jacobs N, Saab F, Tonegawa S, Heinemann SF, O'Dell TJ, Fanselow MS, Vissel B. A role for calcium-permeable AMPA receptors in synaptic plasticity and learning. *PLoS ONE* 2010; 5:pii: e12818.
193. Wong IP, Baldock PA, Herzog H. Gastrointestinal peptides and bone health. *Curr Opin Endocrinol Diabetes Obes* 2010; 17:44-50.
194. Xu Z, Vonlaufen A, Phillips PA, Fiala-Beer E, Zhang X, Yang L, Biankin AV, Goldstein D, Pirola RC, Wilson JS, Apte MV. Role of pancreatic stellate cells in pancreatic cancer metastasis. *Am J Pathol* 2010; 177:2585-96.
195. Yeap BB, Chubb SA, Ho KK, Setoh JW, McCaul KA, Norman PE, Jamrozik K, Flicker L. IGF1 and its binding proteins 3 and 1 are differentially associated with metabolic syndrome in older men. *Eur J Endocrinol* 2010; 162:249-57.
196. Yu D, Vinuesa CG. Multiple checkpoints keep follicular helper T cells under control to prevent autoimmunity. *Cell Mol Immunol* 2010; 7:198-203.
197. Yu D, Vinuesa CG. The elusive identity of T follicular helper cells. *Trends Immunol* 2010; 31:377-83.
198. Yu NY, Schindeler A, Peacock L, Mikulec K, Baldock PA, Ruys AJ, Little DG. In vivo local co-delivery of recombinant human bone morphogenetic protein-7 and pamidronate via poly-D, L-lactic acid. *Eur Cell Mater* 2010; 20:431-41; discussion 441-2.
199. Zardawi SJ, Zardawi I, McNeil CM, Millar EK, McLeod D, Morey AL, Crea P, Murphy NC, Pinese M, Lopez-Knowles E, Oakes SR, Ormandy CJ, Qiu MR, Hamilton A, Spillane A, Soon Lee C, Sutherland RL, Musgrove EA, O'Toole SA. High Notch1 protein expression is an early event in breast cancer development and is associated with the HER-2 molecular subtype. *Histopathology* 2010; 56:286-96.
200. Zengin A, Zhang L, Herzog H, Baldock PA, Sainsbury A. Neuropeptide Y and sex hormone interactions in humoral and neuronal regulation of bone and fat. *Trends Endocrinol Metab* 2010; 21:411-8.
201. Zhang L, Lee NJ, Nguyen AD, Enriquez RF, Riepler SJ, Stehrer B, Yulyaningsih E, Lin S, Shi YC, Baldock PA, Herzog H, Sainsbury A. Additive actions of the cannabinoid and neuropeptide Y systems on adiposity and lipid oxidation. *Diabetes Obes Metab* 2010; 12:591-603.
202. Zhang L, Macia L, Turner N, Enriquez RF, Riepler SJ, Nguyen AD, Lin S, Lee NJ, Shi YC, Yulyaningsih E, Slack K, Baldock PA, Herzog H, Sainsbury A. Peripheral neuropeptide Y Y1 receptors regulate lipid oxidation and fat accretion. *Int J Obes (Lond)* 2010; 34:357-73.
203. Zhang L, Riepler SJ, Turner N, Enriquez RF, Lee IC, Baldock PA, Herzog H, Sainsbury A. Y2 and Y4 receptor signaling synergistically act on energy expenditure and physical activity. *Am J Physiol Regul Integr Comp Physiol* 2010; 299:R1618-28.
204. Zmuda EJ, Viapiano M, Grey ST, Hadley G, Garcia-Ocana A, Hai T. Deficiency of Atf3, an adaptive-response gene, protects islets and ameliorates inflammation in a syngeneic mouse transplantation model. *Diabetologia* 2010; 53:1438-50.