

# Research Publications

## Number of publications

Primary	326
Book Chapters	18
Reviews	30
Other	42
Total	416

## Primary

Albert, M.J., S. Haridas, and B. Adler, *Major outer membrane proteins from many species of Campylobacter cross-react with cholera toxin*. Clin Vaccine Immunol, 2008. 15(5): p. 859-862. [MICRO]

Allison, B.J., K.J. Crossley, S.J. Flecknoe, P.G. Davis, C.J. Morley, R. Harding, and S.B. Hooper, *Ventilation of the very immature lung in utero induces injury and BPD-like changes in lung structure in fetal sheep*. Pediatr Res, 2008. 64(4): p. 387-392. [PHY,ANT]

Allott, K., B.J. Canny, J.H. Broadbear, N.K. Stepto, B. Murphy, and J. Redman, *Neuroendocrine and subjective responses to pharmacological challenge with citalopram: a controlled study in male and female ecstasy/MDMA users*. J Psychopharmacol, 2008. E-Pub: p. 1-16. [PHY]

Ammit, A.J., J.K. Burgess, S.J. Hirst, J.M. Hughes, M. Kaur, J.Y. Lau, and S. Zuyderduyn, *The effect of asthma therapeutics on signalling and transcriptional regulation of airway smooth muscle function*. Pulm Pharmacol Ther, 2008. E-Pub: p. 1-9. [PHY]

Amon, M.A., M. Ali, V. Bender, K. Hall, M.I. Aguilar, J. Aldrich-Wright, and N. Manolios, *Kinetic and conformational properties of a novel T-cell antigen receptor transmembrane peptide in model membranes*. J Pept Sci, 2008. 14(6): p. 714-724. [BCH]

Androulakis, S., J.W. Schmidberger, M. Bate, R. DeGori, A. Beitz, C. Keong, S. Cameron, S. McGowan, C.J. Porter, A. Harrison, J. Hunter, J.L. Martin, B. Kobe, R.C.J. Dobson, M.W. Parker, J.C. Whisstock, J. Gray, T. A., D. Groenewegen, N. Dickson, and A.M. Buckle, *Federated repositories of X-ray diffraction images*. Acta Crystallogr Sect D Struct Biol Cryst Commun, 2008. 64(Pt. 7): p. 810-814. [BCH]

Antony, J., K. Kellershohn, M. Mohr-Andra, A. Kebig, S. Prilla, M. Muth, E. Heller, T. Disingrini, C. Dallanocce, S. Bertoni, J. Schrobang, C. Trankle, E. Kostenis, A. Christopoulos, H.D. Holtje, E. Barocelli, M. De Amici, U. Holzgrabe, and K. Mohr, *Dualsteric GPCR targeting: a novel route to binding and signaling pathway selectivity*. FASEB J, 2008. E-Pub: p. 1-9. [PHARM]

Armitage, J.A., S. Gupta, C. Woods, R.I. Jensen, A.M. Samuelsson, W. Fuller, M.J. Shattock, L. Poston, and P.D. Taylor, *Maternal dietary supplementation with saturated, but not mono-unsaturated or poly-unsaturated fatty acids leads to tissue specific inhibition of offspring Na/K ATPase*. J Physiol, 2008. 586(Pt. 20): p. 5013-5022. [ANT]

Armitage, J.A., L. Poston, and P.D. Taylor, *Developmental origins of obesity and the metabolic syndrome: the role of maternal obesity*. Front Horm Res, 2008. 36: p. 73-84. [ANT]

Avlani, V.A., D.J. McLoughlin, P.M. Sexton, and A. Christopoulos, *The Impact of Orthosteric Radioligand Depletion on the Quantification of Allosteric Modulator Interactions*. J Pharmacol Exp Ther, 2008. 325(3): p. 927-934. [PHARM]

Azari, M.F., E. Ozturk, C. Profyris, S. Wang, D.H. Small, C. Bernard, and S. Petratos, *LIF treatment reduces Nogo-A deposits in spinal cord injury modulating Rho GTPase activity and CRMP-2 phosphorylation*. J Neuro Regen, 2008. 1(1): p. 23-29. [MISCL,ANT]

Bagheri-Fam, S., H. Sim, P. Bernard, I. Jayakody, M.M. Taketo, G. Scherer, and V.R. Harley, *Loss of Fgf2 leads to partial XY sex reversal*. Dev Biol, 2008. 314(1): p. 71-83. [ANT]

Barnard, A., D. Layton, M. Hince, S. Sakkal, C. Bernard, A. Chidgey, and R. Boyd, *Impact of the neuroendocrine system on thymus and bone marrow function*. Neuroimmunomodulation, 2008. 15(1): p. 7-18. [MISCL]

Barnard, A.L., A.P. Chidgey, C.C. Bernard, and R.L. Boyd, *Androgen depletion increases the efficacy of bone marrow transplantation in ameliorating experimental autoimmune encephalomyelitis*. Blood, 2008. E-Pub: p. 204-213. [MISCL]

Benziene, B., T.J. Burton, B. Scanlan, D. Galuska, B.J. Canny, A.V. Chibalin, J.R. Zierath, and N.K. Stepto, *Divergent cell signaling after short-term intensified endurance training in human skeletal muscle*. Am J Physiol Endocrinol Metab, 2008. 295(6): p. E1427-E1438. [PHY]

Bischof, R.J., K.J. Snibson, J.V. Velden, and E.N. Meeusen, *Immune response to allergens in sheep sensitized to house dust mite*. J Inflamm (Lond), 2008. 5: p. 1-11. [PHY]

Bogdanos, D.P., P. Invernizzi, I.R. Mackay, and D. Vergani, *Autoimmune liver serology: Current diagnostic and clinical challenges*. World J Gastroenterol, 2008. 14(21): p. 3374-3387. [BCH]

Bowles, E.J., R.T. Tecirlioglu, A.J. French, M.K. Holland, and J.C. St John, *Mitochondrial DNA transmission and transcription after somatic cell fusion to one or more cytoplasts*. Stem Cells, 2008. 26(3): p. 775-82. [MISCL]

Brandon, A.E., A.C. Boyce, E.R. Lumbers, M.A. Zimanyi, J.F. Bertram, and K.J. Gibson, *Glomerular hypertrophy in offspring of subtotaly nephrectomized ewes*. Anat Rec (Hoboken), 2008. 291(3): p. 318-24. [ANT]

## Key:

ANT	Anatomy and Developmental Biology
BCH	Biochemistry and Molecular Biology
MICRO	Microbiology
MISCL	Monash Immunology and Stem Cell Laboratories
PHARM	Pharmacology
PHY	Physiology
RAD	Medical Imaging and Radiation Sciences

Brown, T.J., *The development of hyaluronan as a drug transporter and excipient for chemotherapeutic drugs*. Curr Pharm Biotechnol, 2008. 9(4): p. 253-60. [BCH]

Bruce, C.R., A.J. Hoy, N. Turner, M.J. Watt, T.L. Allen, K. Carpenter, G.J. Cooney, M.A. Febbraio, and E.W. Kraegen, *Overexpression of carnitine palmitoyltransferase-1 in skeletal muscle is sufficient to enhance fatty acid oxidation and improve high fat diet-induced insulin resistance*. Diabetes, 2008. E-Pub: p. 1-10. [PHY]

Budzyn, K., R.M. Ravi, A.A. Miller, and C.G. Sobey, *Mechanisms of augmented vasoconstriction induced by 5-hydroxytryptamine in aortic rings from spontaneously hypertensive rats*. Br J Pharmacol, 2008. 155(2): p. 210-216. [PHARM]

Burchill, L., E. Velkoska, R.G. Dean, R.A. Lew, A.I. Smith, V. Levidiotis, and L. Burrell, *Acute kidney injury in the rat causes cardiac remodelling and increases ACE2 expression*. Exp Physiol, 2008. 93(5): p. 622-630. [BCH]

Burke, S.L., R.G. Evans, J.L. Moretti, and G.A. Head, *Levels of renal and extrarenal sympathetic drive in angiotensin II-induced hypertension*. Hypertension, 2008. 51(4): p. 878-83. [PHY]

Burman, K.J., S.M. Palmer, M. Gamberini, M.W. Spitzer, and M.G. Rosa, *Anatomical and physiological definition of the motor cortex of the marmoset monkey*. J Comp Neurol, 2008. 506(5): p. 860-76. [PHY]

Burns, J.G. and A.G. Dyer, *Diversity of speed-accuracy strategies benefits social insects*. Curr Biol, 2008. 18(20): p. R953-4. [PHY]

Butler, N.S., A. Theodossis, A.I. Webb, M.A. Dunstone, R. Nastovska, S.H. Ramarathnam, J. Rossjohn, A.W. Purcell, and S. Perlman, *Structural and Biological Basis of CTL Escape in Coronavirus-Infected Mice*. J Immunol, 2008. 180(6): p. 3926-37. [BCH]

Butler, N.S., A. Theodossis, A.I. Webb, R. Nastovska, S.H. Ramarathnam, M.A. Dunstone, J. Rossjohn, A.W. Purcell, and S. Perlman, *Prevention of cytotoxic T cell escape using a heteroclitic subdominant viral T cell determinant*. PLoS Pathog, 2008. 4(10): p. e1000186-1 to e1000186-13. [BCH]

Buzza, M.S., J.M. Dyson, H. Choi, E.E. Gardiner, R.K. Andrews, D. Kaiserman, C.A. Mitchell, M.C. Berndt, J.F. Dong, and P.I. Bird, *Anti-hemostatic activity of human granzyme B mediated by cleavage of von Willebrand factor*. J Biol Chem, 2008. 283(33): p. 22498-22504. [BCH]

Byres, E., A.W. Paton, J.C. Paton, J. Lofling, S. D.F., M.C.J. Wilce, U.M. Talbot, D.C. Chong, H. Yu, S. Huang, X. Chen, N.M. Varki, A. Varki, J. Rossjohn, and T. Beddoe, *Incorporation of a non-human glycan mediates human susceptibility to a bacterial toxin*. Nature, 2008. 456(7222): p. 648-652. [BCH]

Cain, J.E., S. Hartwig, J.F. Bertram, and N.D. Rosenblum, *Bone morphogenetic protein signaling in the developing kidney: present and future*. Differentiation, 2008. 76(8): p. 831-842. [ANT]

Cain, S., G. Martinez, M.I. Kokkinos, K. Turner, R.J. Richardson, H.E. Abud, J. Huelsken, M.L. Robinson, and R.U. de longh, *Differential requirement for beta-catenin in epithelial and fiber cells during lens development*. Dev Biol, 2008. 321(2): p. 420-433. [ANT]

Caly, L., D.A. Jans, and S.C. Piller, *Proteolytic Cleavage of HIV-1 GFP-Vpr Fusions at Novel Sites Within Virions and Living Cells: Concerns for Intracellular Trafficking Studies*. J Fluoresc, 2008. E-Pub: p. 1-7. [BCH]

Chan, J., E.J. Ban, K.H. Chun, S. Wang, B.T. Backstrom, C.C. Bernard, B.H. Toh, and F. Alderuccio, *Transplantation of bone marrow transduced to express self-antigen establishes deletion tolerance and permanently remits autoimmune disease*. J Immunol, 2008. 181(11): p. 7571-80. [MISCL]

Chan, J., E.J. Ban, K.H. Chun, S. Wang, J. McQualter, C. Bernard, B.H. Toh, and F. Alderuccio, *Methylprednisolone induces reversible clinical and pathological remission and loss of lymphocyte reactivity to myelin oligodendrocyte glycoprotein in experimental autoimmune encephalomyelitis*. Autoimmunity, 2008. 41(5): p. 405-13. [MISCL]

Chan, W.Y., D.L. McKinzie, S. Bose, S.N. Mitchell, J.M. Witkin, R.C. Thompson, A. Christopoulos, S. Lazareno, N.J. Birdsall, F.P. Bymaster, and C.C. Felder, *Allosteric modulation of the muscarinic M4 receptor as an approach to treating schizophrenia*. Proc Natl Acad Sci U S A, 2008. 105(31): p. 10978-83. [PHARM]

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- Dickinson, H., T. Griffiths, D.W. Walker, and G. Jenkin, *Application of clinical indices of fetal growth and wellbeing to a novel laboratory species, the spiny mouse*. Reprod Biol, 2008. 8(3): p. 229-43. [MISCL,PHY]
- Dickinson, H., D.W. Walker, and M. Castillo-Melendez, *Onset of feeding at birth-Perinatal development of the hypothalamic mechanisms that induce appetite and feeding in the newborn*. Neurosci Lett, 2008. 436(1): p. 1-6. [MISCL,PHY]
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- Dyer, A.G., M.G. Rosa, and D.H. Reser, *Honeybees can recognise images of complex natural scenes for use as potential landmarks*. J Exp Biol, 2008. 211(Pt 8): p. 1180-6. [PHY]
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