

University Department of Pharmacology, Oxford
Publications by members of the Department 2013 – 2018

Principal Investigators

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Statistics

From 2013-17 a total of 470 papers were published (excluding conference abstracts).

Scopus reported 3947 citations (excluding self-citations) by 20 March 2018.

Two papers were cited > 100 times and 16 papers > 40 times. Average citation per paper 8.4.

University Department of Pharmacology, Oxford

Publications 2013

In Vivo micro-PET Imaging Demonstrates Diminished Microglial Activation after FTY720 Treatment in an Animal Model of Multiple Sclerosis.

Airas, L., A. Dickens, M. Haaparanta-Solin, D. Anthony and J. Rinne. *Neurology* (2013) 80.

Nicotinic acid adenine dinucleotide phosphate (NAADP) is a second messenger in muscarinic receptor-induced contraction of guinea pig trachea.

Aley, P. K., N. Singh, G. C. Brailoiu, E. Brailoiu and G. C. Churchill. *J Biol Chem* (2013) 288: 10986-10993.

Special issue commentary: the changing face of inflammation in the brain.

Anthony, D. C. and F. J. Pitossi. *Molec Cell Neurosci* (2013) 53: 1-5.

BDNF-TrkB signaling in striatopallidal neurons controls inhibition of locomotor behavior.

Besusso, D., M. Geibel, D. Kramer, T. Schneider, V. Pendolino, B. Picconi, P. Calabresi, D. M. Bannerman and L. Minichiello. *Nat Commun* (2013) 4: 2031.

Fast measurement of sarcomere length and cell orientation in Langendorff-perfused hearts using remote focusing microscopy.

Botcherby, E. J., A. Corbett, R. A. Burton, C. W. Smith, C. Bollensdorff, M. J. Booth, P. Kohl, T. Wilson and G. Bub. *Circ Res* (2013) 113: 863-870.

Discovery by the Epistasis Project of an epistatic interaction between the GSTM3 gene and the HHEX/IDE/KIF11 locus in the risk of Alzheimer's disease.

Bullock, J. M., C. Medway, M. Cortina-Borja, J. C. Turton, J. A. Prince, C. A. Ibrahim-Verbaas, M. Schuur, M. M. Breteler, C. M. van Duijn, P. G. Kehoe, R. Barber, E. Coto, V. Alvarez, P. Deloukas, N. Hammond, O. Combarros, I. Mateo, D. R. Warden, M. G. Lehmann, O. Belbin, K. Brown, G. K. Wilcock, R. Heun, H. Kolsch, A. D. Smith, D. J. Lehmann and K. Morgan. *Neurobiol Aging* (2013) 34: 1309 e1301-1307.

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Cassuto, J., A. Feher, L. Lan, V. S. Patel, V. Kamath, D. C. Anthony and Z. Bagi. *Journal of cardiothoracic surgery* (2013) 8: 117.

A safe lithium mimetic? The inositol depletion hypothesis rescues an experimental drug for bipolar disorder.

Churchill, G. C., N. Singh and S. Vasudevan. *Biochemist* (2013) 35: 16-19.

The yeast p5 type ATPase, spf1, regulates manganese transport into the endoplasmic reticulum.

Cohen, Y., M. Megyeri, O. C. Chen, G. Condomitti, I. Riezman, U. Loizides-Mangold, A. Abdul-Sada, N. Rimon, H. Riezman, F. M. Platt, A. H. Futerman and M. Schuldiner. *PLoS One* (2013) 8: e85519.

Selective permeabilization of the blood-brain barrier at sites of metastasis.

Connell, J. J., G. Chatain, B. Cornelissen, K. A. Vallis, A. Hamilton, L. Seymour, D. C. Anthony and N. R. Sibson. *J Natl Cancer Inst* (2013) 105: 1634-1643.

Microglial activation, increased TNF and SERT expression in the prefrontal cortex define stress-altered behaviour in mice susceptible to anhedonia.

Couch, Y., D. C. Anthony, O. Dolgov, A. Revischin, B. Festoff, A. I. Santos, H. W. Steinbusch and T. Strekalova. *Brain Behav Immun* (2013) 29: 136-146.

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Davis, L. C. and A. Galione. *Commun Integr Biol* (2013) 6: e24175.

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Interactions between plasma concentrations of folate and markers of vitamin B12 status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study.

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Dora, K. A. and C. J. Garland. *Microcirculation* (2013) 20: 248-256.

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Preventing Alzheimer's disease-related gray matter atrophy by B-vitamin treatment.

Douaud, G., H. Refsum, C. A. de Jager, R. Jacoby, T. E. Nichols, S. M. Smith and A. D. Smith. *Proc Natl Acad Sci U S A* (2013) 110: 9523-9528.

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Egom, E. E., M. A. Mamas, S. Chacko, S. E. Stringer, V. Charlton-Menys, M. El-Omar, D. Chirico, B. Clarke, L. Neyses, J. K. Cruickshank, M. Lei and F. Fath-Ordoubadi. *Front Physiol* (2013) 4: 130.

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Ellender, T. J., J. Harwood, P. Kosillo, M. Capogna and J. P. Bolam. *J Physiol* (2013) 591: 257-272.

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Jiruska, P., M. de Curtis, J. G. Jefferys, C. A. Schevon, S. J. Schiff and K. Schindler. *J Physiol* (2013) 591: 787-797.

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