

National Institutes of Health
Oxford/Cambridge Scholars Program
Student Publications
(Current as of September, 2007)

NIH/UNIVERSITY OF OXFORD SCHOLARS' PUBLICATIONS TO DATE

Readers may access abstracts of the following student publications by pressing the **CTRL** key and [clicking the mouse](#).

2001

- **Lee, Jean**
 - [T cell cross-reactivity and conformational changes during TCR engagement. J Exp Med. 2004 Dec 6;200\(11\):1455-66.](#)

- **Lobito, Adrian**
 - [Falling into TRAPS - receptor misfolding in the TNF receptor 1-associated periodic fever syndrome. Arthritis Res Ther. 2007 Jul 23;9\(4\):217](#)

 - [Dominant-negative effect of the heterozygous C104R TACI mutation in common variable immunodeficiency \(CVID\). J Clin Invest. 2007 Jun;117\(6\):1550-7. Epub 2007 May 10.](#)

 - [Abnormal disulfide-linked oligomerization results in ER retention and altered signaling by TNFR1 mutants in TNFR1-associated periodic fever syndrome \(TRAPS\). Blood. 2006 Aug 15;108\(4\):1320-7. Epub 2006 May 9.](#)

 - [Homotypic FADD interactions through a conserved RXDLL motif are required for death receptor-induced apoptosis. Cell Death Differ. 2006 Oct;13\(10\):1641-50. Epub 2006 Jan 20.](#)

 - [Ectopic T cell receptor expression causes B cell immunodeficiency in transgenic mice. Eur J Immunol. 2004 Mar;34\(3\):890-8.](#)

 - [Effective antigen-specific immunotherapy in the marmoset model of multiple sclerosis. J Immunol. 2001 Feb 1;166\(3\):2116-21.](#)

- [Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. Eur J Immunol. 2000 Jan;30\(1\):155-63.](#)
- [Determinant spreading associated with demyelination in a nonhuman primate model of multiple sclerosis. J Immunol. 1999 Feb 15;162\(4\):2384-90.](#)

2002

- **Williams, Kimmel**
 - [G-CSF down-regulation of CXCR4 expression identified as a mechanism for mobilization of myeloid cells. Blood. 2006 Aug 1;108\(3\):812-20. Epub 2006 Mar 14.](#)
 - [Up-regulation of the Notch ligand Delta-like 4 inhibits VEGF-induced endothelial cell function. Blood. 2006 Feb 1;107\(3\):931-9. Epub 2005 Oct 11.](#)
- **Manson, Stephanie**
 - [Loss of interhemispheric inhibition in patients with multiple sclerosis is related to corpus callosum atrophy. Exp Brain Res. 2006 Oct;174\(4\):728-33. Epub 2006 Jun 21.](#)
 - [Quantity determination and the distance effect with letters, numbers, and shapes: a functional MR imaging study of number processing. AJNR Am J Neuroradiol. 2003 Feb;24\(2\):193-200.](#)

2003

- **Duvall, Melody**
 - [Maintenance of HIV-specific CD4+ T cell help distinguishes HIV-2 from HIV-1 infection. J Immunol. 2006 Jun 1;176\(11\):6973-81.](#)
 - [Analysis of human immunodeficiency virus cytopathicity by using a new method for quantitating viral dynamics in cell culture. J Virol. 2005 Apr;79\(7\):4025-32.](#)
 - [Cytopathic killing of peripheral blood CD4\(+\) T lymphocytes by human](#)

[immunodeficiency virus type 1 appears necrotic rather than apoptotic and does not require env. J Virol. 2002 May;76\(10\):5082-93.](#)

- **Freundt, Eric**

- [Autophagic programmed cell death by selective catalase degradation. Proc Natl Acad Sci U S A. 2006 Mar 28;103\(13\):4952-7. Epub 2006 Mar 17.](#)

- [Regulation of an ATG7-beclin 1 program of autophagic cell death by caspase-8. Science. 2004 Jun 4;304\(5676\):1500-2. Epub 2004 May 6.](#)

- **Kharbanda, Hardave**

- [Effects of cord motion on diffusion imaging of the spinal cord. Magn Reson Med. 2006 Aug;56\(2\):334-9.](#)

- **Sartorius, Leah**

- [Alternative splicing of human metabotropic glutamate receptor 3. Neurochem. 2006 Feb;96\(4\):1139-48. Epub 2006 Jan 17.](#)

- **Tesar, Paul**

- [New cell lines from mouse epiblast share defining features with human embryonic stem cells. Nature. 2007 Jul 12;448\(7150\):196-9. Epub 2007 Jun 27.](#)

- [Characterizing medullary and human mesenchymal stem cell-derived adipocytes. J Cell Physiol. 2006 Jun;207\(3\):722-8.](#)

- [Derivation of germ-line-competent embryonic stem cell lines from preblastocyst mouse embryos. Proc Natl Acad Sci U S A. 2005 Jun 7;102\(23\):8239-44. Epub 2005 May 25.](#)

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- **Phillips, Darci**

- [The mammalian target of rapamycin \(mTOR\) pathway regulates mitochondrial oxygen consumption and oxidative capacity. J Biol Chem. 2006 Sep 15;281\(37\):27643-52. Epub 2006 Jul 17.](#)

- **Tunbridge, Elizabeth**

- [Expression of multiple catechol-o-methyltransferase \(COMT\) mRNA variants in human brain. Am J Med Genet B Neuropsychiatr Genet. 2007 May 3; \[Epub ahead of print\]](#)
- [Catechol-o-methyltransferase, cognition, and psychosis: Val158Met and beyond. Biol Psychiatry. 2006 Jul 15;60\(2\):141-51. Epub 2006 Feb 14. Review.](#)

2005

- **Buch, Ethan**

- [Comparison of population activity in the dorsal premotor cortex and putamen during the learning of arbitrary visuomotor mappings. Exp Brain Res. 2006 Feb;169\(1\):69-84. Epub 2005 Nov 12.](#)
- [Effects of Parkinson's disease on visuomotor adaptation. Exp Brain Res. 2003 May;150\(1\):25-32. Epub 2003 Mar 13.](#)
- [Visuomotor adaptation in normal aging. Learn Mem. 2003 Jan-Feb;10\(1\):55-63.](#)

- **Cook, Kristina**

- [Synthesis and cytotoxicity of novel sansalvamide A derivatives. Org Lett. 2005 Aug 4;7\(16\):3481-4. Erratum in: Org Lett. 2005 Oct 13;7\(21\):4785.](#)

- **Jain, Mahim**

- [Attention-deficit/hyperactivity disorder and comorbid disruptive behavior disorders: evidence of pleiotropy and new susceptibility loci. Biol Psychiatry. 2007 Jun 15;61\(12\):1329-39. Epub 2006 Sep 1.](#)
- [Severe lower limb defects in exstrophy of the cloaca. Am J Med Genet A. 2004 Jul 30;128\(3\):320-4.](#)
- [Chloride transport across vesicle and cell membranes by steroid-based](#)

[receptors. Angew Chem Int Ed Engl. 2003 Oct 20;42\(40\):4931-3. No abstract available.](#)

○ [Cationic triple-chain amphiphiles facilitate vesicle fusion compared to double-chain or single-chain analogues. Biochim Biophys Acta. 2002 Aug 31;1564\(2\):459-65.](#)

- **Schymick, Jennifer**

○ [Progranulin mutations and amyotrophic lateral sclerosis or amyotrophic lateral sclerosis-frontotemporal dementia phenotypes. J Neurol Neurosurg Psychiatry. 2007 Jul;78\(7\):754-6. Epub 2007 Mar 19.](#)

○ [Genome-wide genotyping in amyotrophic lateral sclerosis and neurologically normal controls: first stage analysis and public release of data. Lancet Neurol. 2007 Apr;6\(4\):322-8.](#)

- **Aravamuthan, Bhooma**

○ [Reduction of subacute stent thrombosis \(SAT\) using heparin-coated stents in a large-scale, real world registry. J Invasive Cardiol. 2004 Jun;16\(6\):304-10.](#)

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- **Durant, Lydia**

○ [Nonredundant roles for Stat5a/b in directly regulating Foxp3. Blood. 2007 May 15;109\(10\):4368-75. Epub 2007 Jan 16.](#)

○ [Cytohesin binder and regulator \(cybr\) is not essential for T- and dendritic-cell activation and differentiation. Mol Cell Biol. 2006 Sep;26\(17\):6623-32.](#)

- **Galloway, Evan**

○ [High genetic diversity in the chemoreceptor superfamily of Caenorhabditis elegans. Genetics. 2005 Apr;169\(4\):1985-96. Epub 2004 Nov 1.](#)

- **Siu, Willie**
 - [Eradication of tumor colonization and invasion by a B cell-specific immunotoxin in a murine model for human primary intraocular lymphoma. Cancer Res. 2006 Nov 1;66\(21\):10586-93.](#)

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- **Ciampa, Julia**
 - [Long-term survival after heart failure: a contemporary population-based perspective. Arch Intern Med. 2007 Mar 12;167\(5\):490-6.](#)
 - [Medical findings in outpatients with anorexia nervosa. Arch Intern Med. 2005 Mar 14;165\(5\):561-6.](#)
 - [Preservation of neuroendocrine control of reproductive function despite severe undernutrition. J Clin Endocrinol Metab. 2004 Sep;89\(9\):4434-8.](#)
- **Ehsanian, Reza**
 - [Input/output properties of the lateral vestibular nucleus. Arch Ital Biol. 2004 May;142\(3\):133-53.](#)
 - [Acute ultrastructural effects of MPTP on the nigrostriatal pathway of the C57BL/6 adult mouse: evidence of compensatory plasticity in nigrostriatal neurons. J Neurosci Res. 2000 Jan 1;59\(1\):126-35.](#)
- **Lemieux, Jacob**
 - [Reduced adiposity in ob/ob mice following total body irradiation and bone marrow transplantation. Obesity \(Silver Spring\). 2007 Jun;15\(6\):1419-29.](#)
 - [CCR2 modulates inflammatory and metabolic effects of high-fat feeding. J Clin Invest. 2006 Jan;116\(1\):115-24. Epub 2005 Dec 8. Erratum in: J Clin Invest. 2006 May;116\(5\):1457.](#)
- **Oteng, Eugene**
 - [Mechanism for fetal hemoglobin induction by histone deacetylase inhibitors involves gamma-globin activation by CREB1 and ATF-2. Blood.](#)

[2006 Nov 15;108\(10\):3590-9. Epub 2006 Aug 8.](#)

- **Patzel, Katherine**
 - [15q11-13 GABAA receptor genes are normally biallelically expressed in brain yet are subject to epigenetic dysregulation in autism-spectrum disorders. Hum Mol Genet. 2007 Mar 15;16\(6\):691-703. Epub 2007 Mar 5.](#)
- **Shenderov, Kevin**
 - [IL-6 programs T\(H\)-17 cell differentiation by promoting sequential engagement of the IL-21 and IL-23 pathways. Nat Immunol. 2007 Jun 20; \[Epub ahead of print\]](#)
- **Smalls-Mantey, Adjoa**
 - [Composition and sequence-dependent binding of RNA to the nucleocapsid protein of Moloney murine leukemia virus. Biochemistry. 2005 Mar 15;44\(10\):3735-44.](#)

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2002

- **Angleman, Sara**
 - [Racial variation in the relationship of anemia with mortality and mobility disability among older adults. Blood. 2007 Jun 1;109\(11\):4663-70. Epub 2007 Feb 6.](#)
 - [Analysis of human immunodeficiency virus cytopathicity by using a new method for quantitating viral dynamics in cell culture. J Virol. 2005 Apr;79\(7\):4025-32.](#)
 - [Cytopathic killing of peripheral blood CD4\(+\) T lymphocytes by human immunodeficiency virus type 1 appears necrotic rather than apoptotic and does not require env. J Virol. 2002 May;76\(10\):5082-93.](#)
- **Huffaker, Stephen**
 - [Further evidence for altered myelin biosynthesis and glutamatergic dysfunction in schizophrenia. Int J Neuropsychopharmacol. 2007 Aug;10](#)

[\(4\):557-63. Epub 2007 Feb 12.](#)

- [Gene expression analysis of bipolar disorder reveals downregulation of the ubiquitin cycle and alterations in synaptic genes. Mol Psychiatry. 2006 Oct;11\(10\):965-78. Epub 2006 Aug 8.](#)
- [Mitochondrial dysfunction in schizophrenia: evidence for compromised brain metabolism and oxidative stress. Mol Psychiatry. 2004 Jul;9\(7\):684-97, 643.](#)
- [Application and optimization of microarray technologies for human postmortem brain studies. Biol Psychiatry. 2004 Feb 15;55\(4\):329-36.](#)
- **Lee, Alicia**
 - [Specific association of mouse MDC1/NFBD1 with NBS1 at sites of DNA-damage. Cell Cycle. 2005 Jan;4\(1\):177-82. Epub 2005 Jan 11.](#)
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 - [Molecular structure of a 9-MDa icosahedral pyruvate dehydrogenase subcomplex containing the E2 and E3 enzymes using cryoelectron microscopy. J Biol Chem. 2006 Feb 17;281\(7\):4364-70. Epub 2005 Nov 23.](#)
- **Milstein, Jeannie**
 - [Selective depletion of cortical noradrenaline by anti-dopamine beta-hydroxylase-saporin impairs attentional function and enhances the effects of guanfacine in the rat. Psychopharmacology \(Berl\). 2007 Jan;190\(1\):51-63. Epub 2006 Nov 10.](#)
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- **Roiser, Jonathan**
 - [Differences in orbitofrontal activation during decision-making between methadone-maintained opiate users, heroin users and healthy volunteers. Psychopharmacology \(Berl\). 2006 Oct;188\(3\):364-73. Epub 2006 Sep 5.](#)

- [The effect of polymorphism at the serotonin transporter gene on decision-making, memory and executive function in ecstasy users and controls. Psychopharmacology \(Berl\). 2006 Oct;188\(2\):213-27. Epub 2006 Aug 29.](#)
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- [Association of a functional polymorphism in the serotonin transporter gene with abnormal emotional processing in ecstasy users. Am J Psychiatry. 2005 Mar;162\(3\):609-12.](#)
- [The subjective and cognitive effects of acute phenylalanine and tyrosine depletion in patients recovered from depression. Neuropsychopharmacology. 2005 Apr;30\(4\):775-85.](#)
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- **Ikediobi, Ogechi**

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- **Bolton, Kelly**

- [Pinoresinol: A lignol of plant origin serving for defense in a caterpillar. Proc Natl Acad Sci U S A. 2006 Oct 17;103\(42\):15497-501. Epub 2006 Oct 9.](#)