**Publications in the Primary Literature with Biochemistry Majors as Co-Authors by Graduation Year**

(from the students’ junior year through graduation plus two years)

Student authors in bold, retrieved from ISI Web of Science and Pubmed

<table>
<thead>
<tr>
<th>Year of Graduation</th>
<th>Total Number of Authorships</th>
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<td>2015</td>
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<td><strong>Total</strong></td>
<td><strong>287</strong></td>
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</table>
Authors: Rivera-Colon Y, Maguire A, Liszczak G, Olia A, Marmorstein R.
Title: Molecular Basis for Cohesin Acetylation by Establishment of Sister Chromatid Cohesion N-Acetyltransferase ESCO1.

Authors: Bogart JA, Cole BE, Boreen MA, Lippincott CA, Manor BC, Carroll PJ, Schelter EJ
Title: Accomplishing simple, solubility-based separations of rare earth elements with complexes bearing size-sensitive molecular apertures.
Source: PNAS. 2016 Dec 27; 113 (52):14887-14892
2014 [Publications 2012-2013(Dec)] Total: 8

Authors: Decroos C, Bowman CM, Christianson DW.
Title: Synthesis and evaluation of N8-acetylsperrmidine analogues as inhibitors of bacterial acetylpolymamine amidohydrolase.

Authors: Genshaft A, Moser JA, D'Antonio EL, Bowman CM, Christianson DW.
Title: Energetically unfavorable amide conformations for N6-acetylysine side chains in refined protein structures.

Authors: Zhang N, Hoffman DJ, Gutsche N, Gupta J, Percec V.
Title: Comparison of arylboron-based nucleophiles in Ni-catalyzed Suzuki-Miyaura cross-coupling with aryl mesylates and sulfaamates.

Authors: Leowanawat P, Zhang N, Safi M, Hoffman DJ, Fryberger MC, George A, Percec V.
Title: trans-Chloro(1-naphthyl)bis(triphenylphosphine)nickel(II)/PCy3 catalyzed cross-coupling of aryl and heteroaryl neopentylglycolboronates with aryl and heteroaryl mesylates and sulfaamates at room temperature.

Title: Aminothienopyridazine inhibitors of tau aggregation: evaluation of structure-activity relationship leads to selection of candidates with desirable in vivo properties.

Authors: Speight LC, Muthusamy AK, Goldberg JM, Warner JB, Wissner RF, Willi TS, Woodman BF, Mehl RA, Petersson EJ.
Title: Efficient Synthesis and In Vivo Incorporation of Acridon-2-ylalanine, a Fluorescent Amino Acid for Lifetime and Förster Resonance Energy Transfer/Luminescence Resonance Energy Transfer Studies.

Authors: Harkisheimer M, Mason M, Shuvaeva E, Skordalakes E.
Title: A motif in the vertebrate telomerase N-terminal linker of TERT contributes to RNA binding and telomerase activity and processivity.
2013 [Publications 2011-2013(Dec)] Total: 11

**Authors:** Hadziahmetovic M, Pajic M, Grieco S, Song Y, Song D, Li Y, Cwanger A, Iacovelli J, Chu S, Ying GS, Connelly J, Spino M, Dunaief JL.
**Title:** The Oral Iron Chelator Deferiprone Protects Against Retinal Degeneration Induced through Diverse Mechanisms.

**Authors:** Wolkow N, Song D, Song Y, Chu S, Hadziahmetovic M, Lee JC, Iacovelli J, Grieco S, Dunaief JL.
**Title:** Ferroxidase hephaestin's cell-autonomous role in the retinal pigment epithelium.
**Source:** Am J Pathol. 2012 Apr;180(4):1614-24.

**Authors:** Wissner RF, Batjargal S, Fadzen CM, Petersson EJ.
**Title:** Labeling proteins with fluorophore/thioamide Förster resonant energy transfer pairs by combining unnatural amino acid mutagenesis and native chemical ligation.
**Source:** J Am Chem Soc. 2013 May 1;135(17):6529-40.

**Authors:** The transcription factor Atonal homolog 8 regulates Gata4 and Friend of Gata-2 during vertebrate development.

**Authors:** Zou Z, Enis DR, Bui H, Khandros E, Kumar V, Jakus Z, Thom C, Yang Y, Dhillon V, Chen M, Lu M, Weiss MJ, Kahn ML.
**Title:** The secreted lymphangiogenic factor CCBEl is essential for fetal liver erythropoiesis.
**Source:** Blood. 2013 Apr 18;121(16):3228-36.

**Authors:** Mallela A, Nishikura K.
**Title:** A-to-I editing of protein coding and noncoding RNAs.

**Authors:** Genshaft A, Moser JA, D'Antonio EL, Bowman CM, Christianson DW.
**Title:** Energetically unfavorable amide conformations for N6-acetyllysine side chains in refined protein structures.
**Source:** Proteins. 2013 Jun;81(6):1051-7.

**Authors:** Slotkin W, Nishikura K.
**Title:** Adenosine-to-inosine RNA editing and human disease.
**Source:** Genome Med. 2013 Nov 29;5(11):105.

**Authors:** Plikus MV, Gay DL, Treffeisen E, Wang A, Supapannachat RJ, Cotsarelis G.
**Title:** Epithelial stem cells and implications for wound repair.
**Source:** Semin Cell Dev Biol. 2012 Dec;23(9):946-53.
Title: Cell-type-specific activation of the oligoadenylate synthetase-RNase L pathway by a murine coronavirus.

Title: Antagonism of the interferon-induced OAS-RNase L pathway by murine coronavirus ns2 protein is required for virus replication and liver pathology.
2012 [Publications 2010-2013(Dec)] Total: 17

Authors: Cuker A, Rux AH, Hinds JL, Dela Cruz M, Yaroven SV, Brown IA, Yang W, Konkle BA, Arepally GM, Watson SP, Cines DB, Sachais BS.
Title: Novel diagnostic assays for heparin-induced thrombocytopenia.
Source: Blood. 2013 May 2;121(18):3727-32.

Authors: Hutnick NA, Myles DJ, Bian CB, Muthumani K, Weiner DB.
Title: Selected approaches for increasing HIV DNA vaccine immunogenicity in vivo.

Title: HIV-mediated phosphatidylinositol 3-kinase/serine-threonine kinase activation in APCs leads to programmed death-1 ligand upregulation and suppression of HIV-specific CD8 T cells.

Authors: Comerci CJ, Mace EM, Banerjee PP, Orange JS.
Title: CD2 promotes human natural killer cell membrane nanotube formation.

Authors: Pan M, Yuan H, Brent M, Ding EC, Marmorstein R.
Title: SIRT1 contains N- and C-terminal regions that potentiate deacetylase activity.

Authors: Lane MC, Jackson JG, Krizman EN, Rothstein JD, Porter BE, Robinson MB.
Title: Genetic Deletion of the Neuronal Glutamate Transporter, EAAC1, Results in Decreased Neuronal Death after Pilocarpine-Induced Status Epilepticus.
Source: Neurochem Int. 2013 Dec 12.

Title: Mining the LIPG allelic spectrum reveals the contribution of rare and common regulatory variants to HDL cholesterol.

Authors: Bobrovnikova-Marjon E, Pytel D, Riese MJ, Vaites LP, Singh N, Koretzky GA, Witze ES, Diehl JA.
Title: PERK utilizes intrinsic lipid kinase activity to generate phosphatidic acid, mediate Akt activation, and promote adipocyte differentiation.

Title: Hypoxia induces IGFBP3 in esophageal squamous cancer cells through HIF-1α-mediated mRNA transcription and continuous protein synthesis.
**Authors:** Hsu CJ, Hsieh WT, Waldman A, Clarke F, Huseby ES, Burkhardt JK, Baumgart T.
**Title:** Ligand mobility modulates immunological synapse formation and T cell activation.

**Authors:** Wannemacher KM, Wang L, Zhu L, Brass LF.
**Title:** The role of semaphorins and their receptors in platelets: Lessons learned from neuronal and immune synapses.
**Source:** Platelets. 2011;22(6):461-5.

**Authors:** Shedlock DJ, Aviles J, Talbott KT, Wong G, Wu SJ, Villarreal DO, Myles DJ, Croyle MA, Yan J, Kobinger GP, Weiner DB.
**Title:** Induction of broad cytotoxic T cells by protective DNA vaccination against Marburg and Ebola.
**Source:** Mol Ther. 2013 Jul;21(7):1432-44.

**Authors:** Shedlock DJ, Talbott KT, Cress C, Ferraro B, Tuyishme S, Mallilankaraman K, Cisper NJ, Morrow MP, Wu SJ, Kawalekar OU, Khan AS, Sardesai NY, Muthumani K, Shen H, Weiner DB.
**Title:** A highly optimized DNA vaccine confers complete protective immunity against high-dose lethal lymphocytic choriomeningitis virus challenge.
**Source:** Vaccine. 2011 Sep 9;29(39):6755-62.

**Authors:** Newhart A, Rafalska-Metcalf IU, Yang T, Negorev DG, Janicki SM.
**Title:** Single-cell analysis of Daxx and ATRX-dependent transcriptional repression.

**Title:** Single cell analysis of RNA-mediated histone H3.3 recruitment to a cytomegalovirus promoter-regulated transcription site.

**Authors:** Newhart A, Negorev DG, Rafalska-Metcalf IU, Yang T, Maul GG, Janicki SM.
**Title:** Sp100A promotes chromatin decondensation at a cytomegalovirus-promoter-regulated transcription site.
**Source:** Mol Biol Cell. 2013 May;24(9):1454-68.

**Authors:** Martinez NM, Pan Q, Cole BS, Yarosh CA, Babcock GA, Heyd F, Zhu W, Ajith S, Blencowe BJ, Lynch KW.
**Title:** Alternative splicing networks regulated by signaling in human T cells.
**Source:** RNA. 2012 May;18(5):1029-40.

Authors: Chavez A, Agrawal V, Johnson FB
Title: Homologous recombination-dependent rescue of deficiency in the structural maintenance of chromosomes (Smc) 5/6 complex.

Authors: Chavez A, George V, Agrawal V, Johnson F.
Title: Sumoylation and the structural maintenance of chromosomes (Smc) 5/6 complex slow senescence through recombination intermediate resolution

Title: Stimulation of the P2X7 receptor kills rat retinal ganglion cells in vivo

Authors: Healy K, Ray V, Willis LJ, Peterman N, Bartel J, Drndić M.
Title: Fabrication and characterization of nanopores with insulated transverse nanoelectodes for DNA sensing in salt solution.

Title: DNA translocation through graphene nanopores

Authors: Morine KJ, Bish LT, Selsby JT, Gazzara JA, Pendrak K, Sleeper MM, Barton ER, Lee SJ, Sweeney HL.
Title: Activin IIB receptor blockade attenuates dystrophic pathology in a mouse model of Duchenne muscular dystrophy.

Title: Zero-Valent Metals Accelerate the Neopentylglycolborylation of Aryl Halides Catalyzed by NiCl(2)-Based Mixed-Ligand Systems.

Title: Normalization of postinfarct biomechanics using a novel tissue-engineered angiogenic construct.

Title: Sustained release of engineered stromal cell-derived factor 1-α from injectable hydrogels effectively recruits endothelial progenitor cells and preserves ventricular function after myocardial infarction.
**Title:** Spatially oriented, temporally sequential smooth muscle cell-endothelial progenitor cell bi-level cell sheet neovascularizes ischemic myocardium.
**Source:** Circulation. 2013 Sep 10;128(11 Suppl 1):S59-68.

**Title:** Mathematically engineered stromal cell-derived factor-1α stem cell cytokine analog enhances mechanical properties of infarcted myocardium.
**Source:** J Thorac Cardiovasc Surg. 2013 Jan;145(1):278-84.

**Authors:** Wilson DA, Wilson CJ, Moldoveanu C, Resmerita AM, Corcoran P, Hoang LM, Rosen BM, Percev V.
**Title:** Neopentylglycolborylation of aryl mesylates and tosylates catalyzed by Ni-based mixed-ligand systems activated with Zn.
**Source:** J Am Chem Soc. 2010 Feb 17;132(6):1800-1

**Authors:** Laidlaw BJ, Decman V, Ali MA, Abt MC, Wolf AI, Monticelli LA, Mozdzanowska K, Angelosanto JM, Artis D, Erikson J, Wherry EJ.
**Title:** Cooperativity between CD8+ T cells, non-neutralizing antibodies, and alveolar macrophages is important for heterosubtypic influenza virus immunity.

**Authors:** Decman V, Laidlaw BJ, Doering TA, Leng J, Ertl HC, Goldstein DR, Wherry EJ.
**Title:** Defective CD8 T cell responses in aged mice are due to quantitative and qualitative changes in virus-specific precursors.
**Source:** Immunol. 2012 Feb 15;188(4):1933-41.

**Authors:** Decman V, Laidlaw BJ, Dimenna LJ, Abdulla S, Mozdzanowska K, Erikson J, Ertl HC, Wherry EJ.
**Title:** Cell-intrinsic defects in the proliferative response of antiviral memory CD8 T cells in aged mice upon secondary infection.

**Authors:** DeSantis ME, Leung EH, Sweeney EA, Jackrel ME, Cushman-Nick M, Neuhaus-Follini A, Vashist S, Sochor MA, Knight MN, Shorter J.
**Title:** Operational plasticity enables hsp104 to disaggregate diverse amyloid and nonamyloid clients.
**Source:** Cell. 2012 Nov 9;151(4):778-93.

**Authors:** Tang JX, Mardini F, Janik LS, Garrity ST, Li RQ, Bachlani G, Eckenhoff RG, Eckenhoff MF.
**Title:** Modulation of murine Alzheimer pathogenesis and behavior by surgery.

**Authors:** Li RQ, McKinstry AR, Moore JT, Caltagarone BM, Eckenhoff MF, Eckenhoff RG, Kelz MB.
**Title:** Is hydrogen sulfide-induced suspended animation general anesthesia?
**Source:** J Pharmacol Exp Ther. 2012 Jun;341(3):735-42.
**Authors:** Eletto D, Maganty A, Eletto D, Dersh D, Makarewich C, Biswas C, Paton JC, Paton AW, Doroudgar S, Glembotski CC, Argon Y.
**Title:** Limitation of individual folding resources in the ER leads to outcomes distinct from the unfolded protein response.
**Source:** J Cell Sci. 2012 Oct 15;125(Pt 20):4865-75.

**Authors:** Mason M, Schuller A, Skordalakes E.
**Title:** Telomerase Structure Function.

**Authors:** Gillis AJ, Schuller AP, Skordalakes E.
**Title:** Structure of the Tribolium castaneum telomerase catalytic subunit TERT.

**Authors:** Ota H, Sakurai M, Gupta R, Valente L, Wulff BE, Ariyoshi K, Iizasa H, Davuluri RV, Nishikura K.
**Title:** ADAR1 forms a complex with Dicer to promote microRNA processing and RNA-induced gene silencing.
**Source:** Cell. 2013 Apr 25;153(3):575-89.

**Authors:** Wulff BE, Sakurai M, Nishikura K.
**Title:** Elucidating the inosinome: global approaches to adenosine-to-inosine RNA editing.

**Authors:** Wulff BE, Nishikura K.
**Title:** Substitutional A-to-I RNA editing.
**Source:** WIREs RNA. 2010 Jul;1(1):90-101.

**Title:** Editing of Epstein-Barr virus-encoded BART6 microRNAs controls their dicer targeting and consequently affects viral latency.

**Authors:** Sabin LR, Zheng Q, Thekkat P, Yang J, Hannon GJ, Gregory BD, Tudor M, Cherry S.
**Title:** Dicer-2 processes diverse viral RNA species.

**Authors:** Zheng Q, Ryvkin P, Li F, Dragomir I, Valladares O, Yang J, Cao K, Wang LS, Gregory BD.
**Title:** Genome-wide double-stranded RNA sequencing reveals the functional significance of base-paired RNAs in Arabidopsis.
**Source:** PLoS Genet. 2010 Sep 30;6(9). pii: e1001141.
2010 [Publications 2008-2012(Dec)] Total: 17

Authors: Liu Z, Myers MC, Shah PP, Beavers MP, Benedetti PA, Diamond SL, Smith AB 3rd, Huryn DM.  
Title: Design, synthesis and biological evaluation of a library of thiocarbazates and their activity as cysteine protease inhibitors.  

Authors: Fong KP, Barry C, Tran AN, Traxler EA, Wannemacher KM, Tang HY, Speicher KD, Blair IA, Speicher DW, Grosser T, Brass LF.  
Title: Deciphering the human platelet sheddome.  

Authors: Komatsu H, Feingold-Link E, Sharp KA, Rastogi T, Axelsen PH.  
Title: Intrinsic linear heterogeneity of amyloid \{beta\} protein fibrils revealed by higher resolution mass-per-length determinations.  

Authors: Wang J, Reuschel EL, Shackelford JM, Jeang L, Shivers DK, Diehl JA, Yu XF, Finkel TH.  
Title: HIV-1 Vif promotes the G1- to S-phase cell-cycle transition.  

Title: The effects of apolipoprotein F deficiency on high density lipoprotein cholesterol metabolism in mice.  

Title: Mining the LIPG allelic spectrum reveals the contribution of rare and common regulatory variants to HDL cholesterol.  

Title: Loss-of-function variants in endothelial lipase are a cause of elevated HDL cholesterol in humans.  

Authors: Wagner AM, Fegley MW, Warner JB, Grindley CL, Marotta NP, Petersson EJ.  
Title: N-terminal protein modification using simple aminoacyl transferase substrates.  

Authors: Falk MJ, Rao M, Ostrovsky J, Daikhin E, Nissim I, Yudkoff M.  
Title: Stable isotopic profiling of intermediary metabolic flux in developing and adult stage Caenorhabditis elegans.  
Source: J Vis Exp. 2011 Feb 27;(48).
Title: Mitochondrial respiratory chain dysfunction variably increases oxidant stress in Caenorhabditis elegans.  

Authors: Wan M, Leavens KF, Saleh D, Easton RM, Guertin DA, Peterson TR, Kaestner KH, Sabatini DM, Birnbaum MJ.  
Title: Postprandial hepatic lipid metabolism requires signaling through Akt2 independent of the transcription factors FoxA2, FoxO1, and SREBP1c.  

Authors: Young JM, Morley M, Li M, Cheung VG.  
Title: RNA-sequence analysis of human B-cells.  
Source: Genome Res. 2011 May 2.

Title: Diminished contact-dependent reinforcement of Syk activation underlies impaired thrombus growth in mice lacking Semaphorin 4D.  

Title: Disruption of SEMA4D ameliorates platelet hypersensitivity in dyslipidemia and confers protection against the development of atherosclerosis.  

Title: Hierarchical organization in the hemostatic response and its relationship to the platelet-signaling network.  

Title: In vivo genome editing restores haemostasis in a mouse model of haemophilia.

Authors: Murphy SL, Bhagwat A, Edmonson S, Zhou S, High KA.
Title: High-throughput screening and biophysical interrogation of hepatotropic AAV.

Authors: Muthumani G, Laddy DJ, Sundaram SG, Fagone P, Shedlock DJ, Kannan S, Wu L, Chung CW, Lankaraman KM, Burns J, Muthumani K, Weiner DB.
Title: Co-immunization with an optimized plasmid-encoded immune stimulatory interleukin, high-mobility group box 1 protein, results in enhanced interferon-gamma secretion by antigen-specific CD8 T cells.

Authors: Muthumani, K, Choo, AY, Shedlock, DJ, Laddy, DJ, Sundaram, SG, Hirao, L, Wu, L, Thieu, KP, Chung CW, Lankaraman, KM, Tebas, P, Silvestri, G, Weiner, DB.
Title: Human Immunodeficiency Virus Type 1 Nef Induces Programmed Death 1 Expression through a p38 Mitogen-Activated Protein Kinase-Dependent Mechanism.

Authors: Shedlock DJ, Hwang D, Choo AY, Chung CW, Muthumani K, Weiner DB
Title: HIV-1 viral genes and mitochondrial apoptosis.

Authors: Muthumani, K (Muthumani, Karuppiiah); Lankaraman, KM, Laddy, DJ, Sundaram, SG, Chung CW, Sako, E, Wu, L, Khan, A, Sardesai, N, Kim, JJ, Vijayachari, P, Weiner, DB.
Title: Immunogenicity of novel consensus-based DNA vaccines against Chikungunya virus.

Authors: O'Brien EM, Li J, Carroll PJ, Kozlowski MC.
Title: Synthesis of the cores of hypocrellin and shiraiachrome: diastereoselective 1,8-diketone aldol cyclization.

Title: Ras-related protein 1 and the insulin-like growth factor type I receptor are associated with risk of progression in patients diagnosed with carcinoma in situ.

Authors: Rosen BM, Peterca M, Huang C, Zeng X, Ungar G, Percec V.
Title: Deconstruction as a strategy for the design of libraries of self-assembling dendrons.
Title: Predicting the structure of supramolecular dendrimers via the analysis of libraries of AB3 and constitutional isomeric AB2 biphenylpropyl ether self-assembling dendrons.

Authors: Rosen, BM, Huang, C, Percec, V.
Title: Sequential Ni-catalyzed borylation and cross-coupling of aryl halides via in situ prepared neopentylglycolborane.

Authors: Sanders BD, Jackson B, Marmorstien R.
Title: Structural basis for sirtuin function: What we know and what we don't.

Authors: Sanders BD, Jackson B, Brent M, Taylor AM, Dang W, Berger SL, Schreiber SL, Howitz K, Marmorstien R.
Title: Identification and characterization of novel sirtuin inhibitor scaffolds.

Authors: Pedroza LA, Kumar V, Sanborn KB, Mace EM, Niiniskoski H, Nadeau K, Vasconcelos Dde M, Perez E, Jyonouchi S, Jyonouchi H, Banerjee PP, Ruuskanen O, Condino-Neto A, Orange JS.
Title: Autoimmune regulator (AIRE) contributes to Dectin-1-induced TNF-α production and complexes with caspase recruitment domain-containing protein 9 (CARD9), spleen tyrosine kinase (Syk), and Dectin-1.

Authors: Kumar V, Pedroza LA, Mace EM, Seeholzer S, Cotsarelis G, Condino-Neto A, Payne AS, Orange JS.
Title: The autoimmune regulator (AIRE), which is defective in autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy patients, is expressed in human epidermal and follicular keratinocytes and associates with the intermediate filament protein cytokeratin 17.

Authors: McNally A, Prier CK, MacMillan DW.
Title: Discovery of an α-amino C-H arylation reaction using the strategy of accelerated serendipity.

Authors: Lee J, Berritt S, Prier CK, Joullié MM.
Title: Facile ring-opening of azabicyclic [3.1.0]- and [4.1.0]aminocyclopropanes to afford 3-piperidinone and 3-azepinone.

Authors: Johnson SA, Stinson BM, Go MS, Carmona LM, Reminick JI, Fang X, Baumgart T.
Title: Temperature-dependent phase behavior and protein partitioning in giant plasma membrane vesicles.

Authors: Hussain N, Hussain MM, Ziauddin M, Triyawatanyu P, Walsh PJ. Title: Stereoselective vinylation of aryl N-(2-pyridylsulfonyl) aldimines with 1-alkenyl-1,1-heterobimetallic reagents.
**Authors:** Richards JL, Tang X, Turetsky A, Dmochowski IJ.
**Title:** RNA bandages for photoregulating in vitro protein synthesis.
**Source:** Bioorganic Medical Chemistry Letters. 2008 Dec 1;18(23):6255-8.

**Authors:** Shen CJ, Raghavan S, Xu Z, Baranski JD, Yu X, Wozniak MA, Miller JS, Gupta M, Buckbinder L, Chen CS.
**Title:** Decreased cell adhesion promotes angiogenesis in a Pyk2-dependent manner.
**Source:** Exp Cell Res. 2011 Aug 1;317(13):1860-71

**Authors:** Zinshteyn B, Nishikura K.
**Title:** Adenosine-to-inosine RNA editing.

**Authors:** Kawahara Y, Zinshteyn B, Chendrimada TP, Shiekhattar R, Nishikura K.
**Title:** RNA editing of the microRNA-151 precursor blocks cleavage by the Dicer-TRBP complex.
**Source:** Embo Reports, 8 (8): 763-769 Aug 2007.

**Authors:** Kawahara Y, Zinshteyn B, Sethupathy P, Iizasa H, Hatzigeorgiou AG, Nishikura K.
**Title:** Redirection of silencing targets by adenosine-to-inosine editing of miRNAs.
**Source:** Science, 315 (5815): 1137-1140 Feb 23 2007.

Authors: Meier A, Fisher A, Sidhu HK, Chang JJ, Wen TF, Streeck H, Alter G, Silvestri G, Altfeld M.
Title: Rapid loss of dendritic cell and monocyte responses to TLR ligands following venipuncture.

Authors: Hershman, SG, Chen, Q, Lee, JY, Kozak, ML, Yue, P, Wang, LS, Johnson, FB.
Title: Genomic distribution and functional analyses of potential G-quadruplex-forming sequences in Saccharomyces cerevisiae.

Authors: Hill AS, Nishino A, Nakajo K, Zhang G, Fineman JR, Selzer ME, Okamura Y, Cooper EC.
Title: Ion channel clustering at the axon initial segment and node of Ranvier evolved sequentially in early chordates.

Authors: Xia SJ, Holder DD, Pawel BR, Zhang C, Barr FG.
Title: High expression of the PAX3-FKHR oncoprotein is required to promote tumorigenesis of human myoblasts.
Source: Journal of Biological Chemistry 2008 Apr 18;283(16):11038-49.

Title: Structural basis for ubiquitin recognition by the OTU1 ovarian tumor domain protein.

Authors: Anand R, Kim AY, Brent M, Marmorstein R.
Title: Biochemical analysis of MST1 kinase: elucidation of a C-terminal regulatory region.

Authors: Yushkevich PA, Avants BB, Pluta J, Minkoff D, Detre JA, Grossman M, Gee JC.
Title: Shape-based alignment of hippocampal subfields: evaluation in postmortem MRI.
2007 [Publications 2005-2009(Jan)]  Total: 15

Authors: Bersenev A, Wu C, Balcerek J, Tong W.
Title: Link controls mouse hematopoietic stem cell self-renewal and quiescence through direct interactions with JAK2.

Title: Identification of a WD40 repeat-containing isoform of PHIP as a novel regulator of beta-cell growth and survival.

Authors: Molander GA, Brown AR.
Title: Suzuki-Miyaura cross-coupling reactions of potassium vinyltrifluoroborate with aryl and heteroaryl electrophiles.

Authors: Molander GA, Elia MD.
Title: Suzuki-Miyaura cross-coupling reactions of benzyl halides with potassium aryltrifluoroborates.

Authors: Forbeck EM, Evans CD, Gilleran JA, Li P, Joullie MM.
Title: A regio- and stereoselective approach to quaternary Centers from chiral trisubstituted aziridines.

Authors: Rocheleau CE, Cullison K, Huang K, Bernstein Y, Spilker AC, Sundaram MV.
Title: The Caenorhabditis elegans ekl (Enhancer of ksr-1 lethality) genes include putative components of a germline small RNA pathway.

Authors: Rho M, Su XF, Lee Y, Kim W, Dowhan W.
Title: Incapability of utilizing galactose by pgs1 mutation occurred on the galactose incorporation step in Saccharomyces cerevisiae.

Title: CARPs are ubiquitin Ligases that promote MDM2-independent p53 and phosphop53(ser20) degradation.

Authors: Finnberg N, Kim SH, Furth EE, Liu JJ, Russo P, Piccoli DA, Grimberg A, El-Deiry WS.
Title: Non-invasive fluorescence Imaging of cell death in fresh human colon epithelia treated with 5-fluorouracil, CPT-11 and/or TRAIL.
**Authors:** Liu JJ, Wang WG, Dicker DT, El-Deiry WS.
**Title:** Bioluminescent imaging of TRAIL-induced apoptosis through detection of caspase activation following cleavage of DEVD-aminoluciferin.
**Source:** Cancer Biology & Therapy, 4 (8): 885-892 Aug 2005.

**Authors:** Gokcumen O, Dulik MC, Pai AA, Zhadanov SI, Rubinstein S, Osipova LP, andreenkov OV, Tabikhanova LE, Gubina MA, Labuda D, Schurr TG.
**Title:** Genetic variation in the enigmatic Altaian Kazakhs of south-central Russia: Insights into Turkic population history.

**Authors:** Pipes L, Pai AA, Labuda D, Schurr TG.
**Title:** Analysis of mtDNA in Mongolian populations.
**Source:** American Journal of Physical Anthropology: 172-173 Suppl. 46 2008.

**Authors:** McDaniell R, Warthen DM, Sanchez-Lara PA, Pai A, Krantz ID, Piccoli DA, Spinner NB.
**Title:** NOTCH2 mutations cause Alagille syndrome, a heterogeneous disorder of the notch signaling pathway.

**Authors:** Porter BE, Lund IV, Varodayan FP, Wallace RW, Blendy JA.
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