**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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<tr>
<td>2016</td>
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<td>2015</td>
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Last Update: May 31, 2017
2016 [Publications 2013-2017(Dec)] Total: 21

Authors: Patel NR, Kelly CB, Siegenfeld AP, Molander GA
Title: Mild, Redox-Neutral Alkylation of Imines Enabled by an Organic Photocatalyst
Source: ACS Catalysis. 2017, Mar;7 (3):1766-1770

Authors: Woll KA, Peng W, Liang Q, Zhi L, Jacobs JA, Maciunas L, Bhanu N, Garcia BA, Covarrubias M, Loll PJ, Dailey WP, Eckenhoff RG
Title: Photoaffinity Ligand for the Inhalational Anesthetic Sevoflurane Allows Mechanistic Insight into Potassium Channel Modulation
Source: ACS Chem Biol. 2017 Apr 3

Title: Brain-Gut Axis Modulation of Acupuncture in Functional Dyspepsia: A Preliminary Resting-State fCMRI Study
Source: Evid Based Complement Alternat Med. 2015;2015:860463

Authors: Mallory MJ, Allon SJ, Qiu J, Gazzara MR, Tapescu I, Martinez NM, Fu XD, Lynch KW
Title: Induced transcription and stability of CELF2 mRNA drives widespread alternative splicing during T-cell signaling
Source: Proc Natl Acad Sci U S A. 2015 Apr 28;112(17):E2139-48

Authors: Cole BS, Tapescu I, Allon SJ, Mallory MJ, Qiu J, Lake RJ, Fan HY, Fu XD, Lynch KW
Title: Global analysis of physical and functional RNA targets of hnRNP L reveals distinct sequence and epigenetic features of repressed and enhanced exons
Source: RNA. 2015 Dec;21(12):2053-66

Authors: Yarosh CA, Tapescu I, Thompson MG, Qiu J, Mallory MJ, Fu XD, Lynch KW
Title: TRAP150 interacts with the RNA-binding domain of PSF and antagonizes splicing of numerous PSF-target genes in T cells
Source: Nucleic Acids Res. 2015 Oct 15;43(18):9006-16

Authors: Shan X, Roberts C, Kim EJ, Brenner A, Grant G, Percec I
Title: Transcriptional and Cell Cycle Alterations Mark Aging of Primary Human Adipose-Derived Stem Cells
Source: Stem Cells. 2017 May;35(5):1392-1401

Authors: Covell DJ, Robinson JL, Akhtar RS, Grossman M, Weintraub D, Bucklin HM, Pitkin RM, Riddle D, Yousef A, Trojanowski JQ, Lee VM
Title: Novel conformation-selective alpha-synuclein antibodies raised against different in vitro fibril forms show distinct patterns of Lewy pathology in Parkinson's disease
Source: Neuropathol Appl Neurobiol. 2017 Apr 7

Authors: Tsai K, Chan L, Gibeault R, Conn K, Dheekollu J, Domsic J, Marmorstein R, Schang LM, Lieberman PM.
Title: Viral reprogramming of the Daxx histone H3.3 chaperone during early Epstein-Barr virus infection
Authors: Spiller KJ, Cheung CJ, Restrepo CR, Kwong LK, Stieber AM, Trojanowski JQ, Lee VM.
Title: Selective Motor Neuron Resistance and Recovery in a New Inducible Mouse Model of TDP-43 Proteinopathy.
Source: J Neurosci. 2016 Jul 20;36(29):7707-17

Title: Injectable Shear-Thinning Hydrogels for Minimally Invasive Delivery to Infarcted Myocardium to Limit Left Venticular Remodeling.

Authors: Rodell CB, Highley CB, Chen MH, Dusaj NN, Wang C, Han L, Burdick JA.
Title: Evolution of hierarchical porous structures in supramolecular guest-host hydrogels.

Authors: Rodell CB, Dusaj NN, Highley CB, Burdick JA.
Title: Injectable and Cytocompatible Tough Double-Network Hydrogels through Tandem Supramolecular and Covalent Crosslinking.

Authors: Hammond MD, Taylor RA, Mullen MT, Ai Y, Aguila HL, Mack M, Kasner SE, McCullough LD, Sansing LH.
Title: CCR2+ Ly6C(hi) inflammatory monocyte recruitment exacerbates acute disability following intracerebral hemorrhage.

Authors: Lin H, Jacobi AA, Anderson SA, Lynch DR.
Title: D-Serine and Serine Racemase Are Associated with PSD-95 and Glutamatergic Synapse Stability.

Authors: Gantt SM, Decroos C, Lee MS, Gullett LE, Bowman CM, Christianson DW, Fierke CA.
Title: General Base-General Acid Catalysis in Human Histone Deacetylase 8.

Title: Structure Property Relationships of Carboxylic Acid Isosteres.
Source: J Med Chem. 2016 Apr 14;59(7):3183-203

Title: Rare cell variability and drug-induced reprogramming as a mode of cancer drug resistance.

Authors: Gupta K, Sharp R, Yuan JB, Li H, Van Duyne GD.
Title: Coiled-coil interactions mediate serine integrase directionality.
Source: Nucleic Acids Res. 2017 Jul 4;45(12):7339-7353
**Authors:** Woll KA, Peng W, Liang Q, Zhi L, Jacobs JA, Maciunas L, Bhanu N, Garcia BA, Covarrubias M, Loll PJ, Dailey WP, Eckenhoff RG.

**Title:** Photoaffinity Ligand for the Inhalational Anesthetic Sevoflurane Allows Mechanistic Insight into Potassium Channel Modulation.


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**Authors:** Shan XY, Roberts C, Kim EJ, Brenner A, Grant G, Percec I

**Title:** Transcriptional and Cell Cycle Alterations Mark Aging of Primary Human Adipose-Derived Stem Cells.

**Source:** Stem Cells, 35 (5):1392-1401
2015 [Publications 2013-2017(Dec)] Total: 32

**Authors:** Ji X, Park JW, Bahrami-Samani E, Lin L, Duncan-Lewis C, Pherribo G, Xing Y, Liebhaber SA.

**Title:** αCP binding to a cytosine-rich subset of polypyrimidine tracts drives a novel pathway of cassette exon splicing in the mammalian transcriptome.

**Source:** Nucleic Acids Res. 2016 Mar 18;44(5):2283-97


**Title:** Comparing Outcomes between Antibody Induction Therapies in Kidney Transplantation.


**Authors:** Molleston JM, Sabin LR, Moy RH, Menghani SV, Rausch K, Gordesky-Gold B, Hopkins KC, Zhou R, Jensen TH, Wilusz JE, Cherry S.

**Title:** A conserved virus-induced cytoplasmic TRAMP-like complex recruits the exosome to target viral RNA for degradation.

**Source:** Genes Dev. 2016 Jul 15;30(14):1658-70

**Authors:** Hopkins KC, Tartell MA, Herrmann C, Hackett BA, Taschuk F, Panda D, Menghani SV, Sabin LR, Cherry S.

**Title:** Virus-induced translational arrest through 4EBP1/2-dependent decay of 5'-TOP mRNAs restricts viral infection.

**Source:** Proc Natl Acad Sci U S A. 2015 Jun 2;112(22):E2920-9

**Authors:** Chen HS, Martin KA, Lu F, Lupey LN, Mueller JM, Lieberman PM, Tempera I.

**Title:** Epigenetic deregulation of the LMP1/LMP2 locus of Epstein-Barr virus by mutation of a single CTCF-cohesin binding site.

**Source:** J Virol. 2014 Feb;88(3):1703-13

**Authors:** Seither KM, McMahon HA, Singh N, Wang H, Cushman-Nick M, Montalvo GL, DeGrado WF, Shorter J.

**Title:** Specific aromatic foldamers potently inhibit spontaneous and seeded Aβ42 and Aβ43 fibril assembly.


**Authors:** Weiser BP, Hall MA, Weinbren NL, Woll KA, Dailey WP, Eckenhoff MF, Eckenhoff RG.

**Title:** Macroscopic and macromolecular specificity of alkylphenol anesthetics for neuronal substrates.

**Source:** Sci Rep. 2015 Apr 8;5:9695.


**Title:** The Influence of Mitral Annuloplasty on Left Ventricular Flow Dynamics.

**Source:** Ann Thorac Surg. 2015 Jul;100(1):114-21


**Title:** Functional recovery in new mouse models of ALS/FTLD after clearance of pathological cytoplasmic TDP-43.

**Source:** Acta Neuropathol. 2015 Nov;130(5):643-60.
Authors: **Boreen MA**, Bogart JA, Carroll PJ, Schelter EJ.
**Title:** Rearrangement in a tripodal nitroxide ligand to modulate the reactivity of a Ti-F bond.
**Source:** Inorg Chem. 2015 Oct 5;54(19):9588-93

Authors: Bogart JA, Lewis AJ, **Boreen MA**, Lee HB, Medling SA, Carroll PJ, Booth CH, Schelter EJ.
**Title:** A ligand field series for the 4f-block from experimental and DFT computed Ce(IV/III) electrochemical potentials.
**Source:** Inorg Chem. 2015 Mar 16;54(6):2830-7.

Authors: Copenhaver AM, Casson CN, Nguyen HT, Fung TC, **Duda MM**, Roy CR, Shin S.
**Title:** Alveolar macrophages and neutrophils are the primary reservoirs for Legionella pneumophila and mediate cytosolic surveillance of type IV secretion.
**Source:** Infect Immun. 2014 Oct;82(10):4325-36

Authors: Copenhaver AM, Casson CN, Nguyen HT, **Duda MM**, Shin S.
**Title:** IL-1R signaling enables bystander cells to overcome bacterial blockade of host protein synthesis.
**Source:** Proc Natl Acad Sci U S A. 2015 Jun 16;112(24):7557-62.

Authors: Balan A, Chien CC, **Engelke R**, Drndić M.
**Title:** Suspended Solid-state Membranes on Glass Chips with Sub 1-pF Capacitance for Biomolecule Sensing Applications.
**Source:** Sci Rep. 2015 Dec 8;5:17775

Authors: Zanjani MB, **Engelke RE**, Lukes JR, Meunier V, Drndić M.
**Title:** Up and down translocation events and electric double-layer formation inside solid-state nanopores.

Authors: Balan A, Machielse B, Niedzwiecki D, Lin J, Ong P, **Engelke R**, Shepard KL, Drndić M.
**Title:** Improving signal-to-noise performance for DNA translocation in solid-state nanopores at MHz bandwidths.
**Source:** Nano Lett. 2014 Dec 10;14(12):7215-20.

Authors: Sussman DM, Cho Y, Castle T, **Gong X**, Jung E, Yang S, Kamien RD.
**Title:** Algorithmic lattice kirigami: A route to pluripotent materials.
**Source:** Proc Natl Acad Sci U S A. 2015 Jun 16;112(24):7449-53.

Authors: Castle T, Cho Y, **Gong X**, Jung E, Sussman DM, Yang S, Kamien RD.
**Title:** Making the cut: lattice kirigami rules.
**Source:** Phys Rev Lett. 2014 Dec 12;113(24):245502.

Authors: Kalish JM, **Jiang C**, Bartolomei MS.
**Title:** Epigenetics and imprinting in human disease.
**Source:** Int J Dev Biol. 2014;58(2-4):291-8

Authors: Ginart P, Kalish JM, **Jiang CL**, Yu AC, Bartolomei MS, Raj A.
**Title:** Visualizing allele-specific expression in single cells reveals epigenetic mosaicism in an H19 loss-of-imprinting mutant.
**Source:** Genes Dev. 2016 Mar 1;30(5):567-78
Authors: Jishkariani D, Diroll BT, Cargnello M, Klein DR, Hough LA, Murray CB, Donnio B.  
Title: Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices.  
Source: J Am Chem Soc. 2015 Aug 26;137(33):10728-34

Authors: Stasi K, Goings D, Huang J, Herman L, Pinto F, Addis RC, Klein D, Massaro-Giordano G, Gearhart JD.  
Title: Optimal isolation and xeno-free culture conditions for limbal stem cell function.  

Title: Small-Molecule CD4-Mimics: Structure-Based Optimization of HIV-1 Entry Inhibition.  

Title: Co-Administration of Molecular Adjuvants Expressing NF-Kappa B Subunit p65/RelA or Type-1 Transactivator T-bet Enhance Antigen Specific DNA Vaccine-Induced Immunity.  

Title: The effect of HIV-1 Vif polymorphisms on A3G anti-viral activity in an in vivo mouse model.  
Source: Retrovirology. 2016 Jun 30;13(1):45

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

Authors: Jeong J, Cho Y, Lee SY, Gong XT, Kamien RD, Yang S, Yodh AG.  
Title: Topography-guided buckling of swollen polymer bilayer films into three-dimensional structures.  

Authors: Rausch K, Hackett BA, Weinbren NL, Reeder SM, Sadovskyy Y, Hunter CA, Schultz DC, Coyne CB, Cherry S.  
Title: Screening Bioactives Reveals Nanchangmycin as a Broad Spectrum Antiviral Active against Zika Virus.  
Source: Cell Reports. 2017, Jan 17;18 (3):804-815

Title: A conserved virus-induced cytoplasmic TRAMP-like complex recruits the exosome to target viral RNA for degradation.  
**Title:** The effect of HIV-1 Vif polymorphisms on A3G anti-viral activity in an in vivo mouse model.  
**Source:** Retrovirology. 2016 Jun 30;13(1):45.

**Authors:** Rausch K, Hackett BA, Weinbren NL, Reeder SM, Sadovsky Y, Hunter CA, Schultz DC, Coyne CB, Cherry S  
**Title:** Screening Bioactives Reveals Nanchangmycin as a Broad Spectrum Antiviral Active against Zika Virus  
**Source:** Cell Rep. 2017 Jan 17;18(3):804-815
2014 [Publications 2012-2013(Dec)] Total: 12

**Authors:** Decroos C, **Bowman CM**, Christianson DW.
**Title:** Synthesis and evaluation of N8-acetylpyrazidine analogues as inhibitors of bacterial acetylpyruvate amidohydrolase.
**Source:** Bioorg Med Chem. 2013 Aug 1;21(15):4530-40.

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

**Authors:** Zhang N, **Hoffman DJ**, Gutsche N, Gupta J, Percec V.
**Title:** Comparison of arylobor-based nucleophiles in Ni-catalyzed Suzuki-Miyaura cross-coupling with aryl mesylates and sulfamates.
**Source:** J Org Chem. 2012 Jul 20;77(14):5956-64.

**Authors:** Leowanawat P, Zhang N, Safi M, **Hoffman DJ**, Fryberger MC, George A, Percec V.
**Title:** trans-Chloro(1-naphthyl)bis(triphenylphosphine)nickerlll(II)/PCy3 catalyzed cross-coupling of aryl and heteroaryl neopentylglycolboronates with aryl and heteroaryl mesylates and sulfamates 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.
**Source:** J Am Chem Soc. 2013 Dec 18;135(50):18806-14.

**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.
**Source:** Structure. 2013 Oct 8;21(10):1870-8.

**Authors:** Verissimo AF, Khalfaoui-Hassani B, **Hwang J**, Steimle S, Selamoglu N, Sanders C, Khatchikian CE, Daldal F.
**Title:** The thioleduction component CcmG confers efficiency and the heme ligation component CcmH ensures stereo-specificity during cytochrome c maturation.

**Authors:** Pemberton TA, Chen M, Harris GG, Chou WK, Duan L, Köksal M, **Genschft AS**, Cane DE, Christianson DW.
**Title:** Exploring the Influence of Domain Architecture on the Catalytic Function of Diterpene Synthases.
**Source:** Biochemistry. 2017 Apr 11;56(14):2010-2023.

Title: A Novel Bifunctional Alkylphenol Anesthetic Allows Characterization of γ-Aminobutyric Acid, Type A (GABAA), Receptor Subunit Binding Selectivity in Synaptosomes.


Authors: Genshaft, AS, Cane, DE, Christianson, DW

Title: Exploring the Influence of Domain Architecture on the Catalytic Function of Diterpene Synthases

Source: Biochemistry, 56 (14):2010-2023;
2013 [Publications 2011-2013(Dec)] Total: 13

**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 CCB1 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, Trefeisen E, **Wang A**, Supapannachart 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.

**Authors:** Zhao L, Jha BK, Wu A, Elliott R, Ziebuhr J, Gorbalenya AE, Silverman RH, Weiss SR.
**Title:** Antagonism of the interferon-induced OAS-RNase L pathway by murine coronavirus ns2 protein is required for virus replication and liver pathology.
**Source:** Cell Host Microbe. 2012 Jun 14;11(6):607-16.

**Title:** Regeneration of fat cells from myofibroblasts during wound healing
**Source:** Science. 2017, Feb 17;355 (6326):748

**Authors:** Kumar V, Shah Y, Patel D, Khan N
**Title:** Clinical Course of Patients with a New Age Threshold for Elderly Onset Ulcerative Colitis
**Source:** American Journal of Gastroenterology. 2016, Oct 1;111 S269-S269
2012 [Publications 2010-2013(Dec)] Total: 20

Authors: Cuker A, Rux AH, Hinds JL, Dela Cruz M, Yarovoii SV, Brown IA, Yang W, Konkle BA, Arefally 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/sirine-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 Jan 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.
**Source:** J Cell Sci. 2012 Nov 15(125(Pt 22)):5489-501.

**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.

**Title:** Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci
**Source:** Cell Stem Cell. 2017, Apr 6;20(4):558

**Title:** Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci
**Source:** Cell Stem Cell. 2017 Apr 6;20(4):558-570.

**Title:** Loss of Function of GALNT2 Lowers High-Density Lipoproteins in Humans, Nonhuman Primates, and Rodents.

**Source:** Cell Metab. 2016 Aug 9;24(2):234-45.

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 nanoelectrodes 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, Percec 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.

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