

## Amgen Scholars Peer-Reviewed Publications

as of 9/03/2019

First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Sergey	Boyarskiy	2007	UCLA	Ribaya, J. P., Ranmuthu, M., Copeland, J., Boyarskiy, S., Blair, A. P., Hay, B., and Laski, F. A. (2009). The deubiquitinase emperor's thumb is a regulator of apoptosis in Drosophila. <i>Developmental Biology</i> 329, 25-35.
Ni (Jenny)	Feng	2007	UCLA	Feng, N. Y., Katz, A., Day, L. B., Barske, J., and Schlinger, B. A. (2010). Limb Muscles Are Androgen Targets in an Acrobatic Tropical Bird. <i>Endocrinology</i> 151, 1042-1049.
Ni (Jenny)	Feng	2007	UCLA	Katz, A., Oyama, R.K., Feng, N., Chen, X., and Schlinger, B.A. (2010). 11beta-hydroxysteroid dehydrogenase type 2 in zebra finch brain and peripheral tissues. <i>General and comparative endocrinology</i> 166, 600-605.
Ni (Jenny)	Feng	2007	UCLA	Fuxjager, M.J., Schultz, J.D., Barske, J., Feng, N.Y., Fusani, L., Mirzaton, A., Day, L.B., Hau, M., and Schlinger, B.A. (2012). Spinal motor and sensory neurons are androgen targets in an acrobatic bird. <i>Endocrinology</i> 153, 3780-3791.
Ni (Jenny)	Feng	2007	UCLA	Barske, J., Fusani, L., Wikelski, M., Feng, N.Y., Santos, M., and Schlinger, B.A. (2014). Energetics of the acrobatic courtship in male golden-collared manakins ( <i>Manacus vitellinus</i> ). <i>Proceedings Biological sciences / The Royal Society</i> 281, 20132482.
Erin	McDonald	2007	UCLA	Plugge, C.M., Henstra, A.M., Worm, P., Swarts, D.C., Paulitsch-Fuchs, A.H., Scholten, J.C., Lykidis, A., Lapidus, A.L., Goltsman, E., Kim, E., McDonald, E., Rohlin, L., Crable, B.R., Gunsalus, R.P., Stams, A.J., and McInerney, M.J. (2012). Complete genome sequence of <i>Syntrophobacter fumaroxidans</i> strain (MPOB(T)). <i>Standards in genomic sciences</i> 7, 91-106.
Kunal	Mehta	2007	UCLA	Purnell, R. F., Mehta, K. K., and Schmidt, J. J. (2008). Nucleotide identification and orientation discrimination of DNA homopolymers immobilized in a protein nanopore. <i>Nano Lett</i> 8, 3029-3034.
Aaron	Meyer	2007	UCLA	Mashayekhi, F., Meyer, A. S., Shiigi, S. A., Nguyen, V., and Kamei, D. T. (2009). Concentration of Mammalian Genomic DNA Using Two-Phase Aqueous Micellar Systems. <i>Biotechnology and Bioengineering</i> 102, 1613-1623.
Richard	Rodriguez	2007	UCLA	Gould, S. L., Rodriguez, R. B., and Garcia-Garibay, M. A. (2008). Synthesis and solid-state dynamics of molecular dirotors. <i>Tetrahedron</i> 64, 8336-8345.
Lauren	Sanchez	2007	UCLA	Goddard, L.M., Murphy, T.J., Org, T., Enciso, J.M., Hashimoto-Partyka, M.K., Warren, C.M., Domigan, C.K., McDonald, A.I., He, H., Sanchez, L.A., et al. (2014). Progesterone receptor in the vascular endothelium triggers physiological uterine permeability preimplantation. <i>Cell</i> 156, 549-562.
Daniel	Sitz	2007	UCLA	Tamae, C., Liu, A., Kim, K., Sitz, D., Hong, J., Becket, E., Bui, A., Solaimani, P., Tran, K. P., Yang, H., and Miller, J. H. (2008). Determination of antibiotic hypersensitivity among 4,000 single-gene-knockout mutants of <i>Escherichia coli</i> . <i>J Bacteriol</i> 190, 5981-5988.
Sophia	Yang	2007	UCLA	Huang, S. Y., Yang, S. S., and Lin, Y. Y. (2009). Sensitivity of feedback-enhanced MRI contrast to macroscopic and microscopic field variations. <i>Magn Reson Med</i> 61, 925-936.

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Laura	Yee	2007	UCLA	Palanca, A.M., Lee, S.L., Yee, L.E., Joe-Wong, C., Trinh le, A., Hiroyasu, E., Husain, M., Fraser, S.E., Pellegrini, M., and Sagasti, A. (2013). New transgenic reporters identify somatosensory neuron subtypes <i>Dev. Neurobiol.</i> 73(2):152-167
Jennifer	Yeh	2007	MIT	Guo, W., Lasky, J. L., Chang, C. J., Mosessian, S., Lewis, X., Xiao, Y., Yeh, J. E., Chen, J. Y., Iruela-Arispe, M. L., Varella-Garcia, M., and Wu, H. (2008). Multi-genetic events collaboratively contribute to Pten-null leukaemia stem-cell formation. <i>Nature</i> 453, 529-533.
Xiaomin(Maggie)	Zhu	2007	UCLA	Fleming, A., Ghahramani, N., Zhu, M.X., Delot, E.C., and Vilain, E. (2012). Membrane beta-catenin and adherens junctions in early gonadal patterning. <i>Developmental dynamics : an official publication of the American Association of Anatomists</i> 241, 1782-1798.
Derrick	Chu	2008	UCLA	Lee, S., Salwinski, L., Zhang, C., Chu, D., Sampankanpanich, C., Reyes, N.A., Vangeloff, A., Xing, F., Li, X., Wu, T.T., Sahasrabudhe, S., Deng, H., Lacount, D.J., and Sun, R. (2011). An integrated approach to elucidate the intra-viral and viral-cellular protein interaction networks of a gamma-herpesvirus. <i>PLoS pathogens</i> 7, e1002297.
Michelle	Crespo	2008	UCLA	Cruz-Martin, A., Crespo, M., and Portera-Cailliau, C. (2010). Delayed stabilization of dendritic spines in fragile X mice. <i>The Journal of neuroscience : the official journal of the Society for Neuroscience</i> 30, 7793-7803.
Michelle	Crespo	2008	UCLA	Cruz-Martin, A., Crespo, M., and Portera-Cailliau, C. (2012). Glutamate induces the elongation of early dendritic protrusions via mGluRs in wild type mice, but not in fragile X mice. <i>PloS one</i> 7, e32446.
Steven	Gee	2008	CSULA	Cummings, D. M., Andre, V. M., Uzgil, B. O., Gee, S. M., Fisher, Y. E., Cepeda, C., and Levine, M. S. (2009). Alterations in cortical excitation and inhibition in genetic mouse models of Huntington's disease. <i>J Neurosci</i> 29, 10371-10386.
Iris	Ha	2008	UCLA	Patterson, M., Chan, D.N., Ha, I., Case, D., Cui, Y., Van Handel, B., Mikkola, H.K., and Lowry, W.E. (2012). Defining the nature of human pluripotent stem cell progeny. <i>Cell research</i> 22, 178-193.
Sattar	Khoshkhoo	2008	UCLA	Golshani, P., Goncalves, J. T., Khoshkhoo, S., Mostany, R., Smirnakis, S., and Portera-Cailliau, C. (2009). Internally mediated developmental desynchronization of neocortical network activity. <i>J Neurosci</i> 29, 10890-10899.
Karan	Mehta	2008	UCLA	Mehta, K. K., Wu, T. H., and Chiou, E. P. Y. (2008). Magnetic nanowire-enhanced optomagnetic tweezers. <i>Applied Physics Letters</i> 93, Article No. 254102.
Karan	Mehta	2008	UCLA	Mehta, K.K., Wu, T.H., and Chiou, E.P.Y. (2009). Magnetic Nanowire-Enhanced Optomagnetic Tweezers. 2009 4th IEEE International Conference on Nano/Micro Engineered and Molecular Systems, Vols 1 and 2, 1004-1007.
Michelle	Riener	2008	UC Santa Cruz	Quasdorf, K. W., Riener, M., Petrova, K. V., and Garg, N. K. (2009). Suzuki-Miyaura Coupling of Aryl Carbamates, Carbonates, and Sulfamates. <i>Journal of the American Chemical Society</i> 131, 17748-17749.

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Stacey	Shiigi	2008	UCLA	Mashayekhi, F., Meyer, A. S., Shiigi, S. A., Nguyen, V., and Kamei, D. T. (2009). Concentration of Mammalian Genomic DNA Using Two-Phase Aqueous Micellar Systems. <i>Biotechnology and Bioengineering</i> 102, 1613-1623.
Wendy	Tseng	2008	UCLA	Huang, M. S., Morony, S., Lu, J. X., Zhang, Z., Bezouglaia, O., Tseng, W., Tetradis, S., Demer, L. L., and Tintut, Y. (2007). Atherogenic phospholipids attenuate osteogenic signaling by BMP-2 and parathyroid hormone in osteoblasts. <i>Journal of Biological Chemistry</i> 282, 21237-21243.
Wendy	Tseng	2008	UCLA	Tintut, Y., Huang, M., Lu, J., Tseng, W., Garfinkel, A., and Demer, L.L. (2007). Vascular calcification. <i>Journal of musculoskeletal &amp; neuronal interactions</i> 7, 346.
Wendy	Tseng	2008	UCLA	Huang, M. S., Lu, J. X., Ivanov, Y., Sage, A. P., Tseng, W., Demer, L. L., and Tintut, Y. (2008). Hyperlipidemia impairs osteoanabolic effects of PTH. <i>Journal of Bone and Mineral Research</i> 23, 1672-1679.
Wendy	Tseng	2008	UCLA	Tseng, W., Lu, J., Bishop, G. A., Watson, A. D., Sage, A. P., Demer, L., and Tintut, Y. (2010). Regulation of interleukin-6 expression in osteoblasts by oxidized phospholipids. <i>J Lipid Res</i> 51, 1010-1016.
Wendy	Tseng	2008	UCLA	Tseng, W., Graham, L.S., Geng, Y., Reddy, A., Lu, J., Effros, R.B., Demer, L., and Tintut, Y. (2010). PKA-induced receptor activator of NF-kappaB ligand (RANKL) expression in vascular cells mediates osteoclastogenesis but not matrix calcification. <i>The Journal of biological chemistry</i> 285, 29925-29931.
William	Wong	2008	UCLA	Henderson, I.R., Deleris, A., Wong, W., Zhong, X., Chin, H.G., Horwitz, G.A., Kelly, K.A., Pradhan, S., and Jacobsen, S.E. (2010). The de novo cytosine methyltransferase DRM2 requires intact UBA domains and a catalytically mutated paralog DRM3 during RNA-directed DNA methylation in <i>Arabidopsis thaliana</i> . <i>PLoS genetics</i> 6, e1001182.
Joan	Zape	2008	UC Riverside	Hernandez, J. E., Zape, J., Glaser, K., Landaw, E., Fu, C., and Sakamoto, K. M. (2008). Multi-Targeted Receptor Tyrosine Kinase Inhibitor, ABT-869, Induces Apoptosis and Suppresses Proliferation of Ba/F3 FLT-3 ITD Mutant Cells in Vitro and in Vivo through Inhibition of FLT3 and AKT. <i>Blood</i> 112, 676-677.
Joan	Zape	2008	UC Riverside	Hernandez-Davies, J.E., Zape, J.P., Landaw, E.M., Tan, X., Presnell, A., Griffith, D., Heinrich, M.C., Glaser, K.B., and Sakamoto, K.M. (2011). The multitargeted receptor tyrosine kinase inhibitor linifanib (ABT-869) induces apoptosis through an Akt and glycogen synthase kinase 3beta-dependent pathway. <i>Molecular cancer therapeutics</i> 10, 949-959.
Christopher	Arakawa	2009	UCLA	Tsang, E.J., Arakawa, C.K., Zuk, P.A., and Wu, B.M. (2011). Osteoblast interactions within a biomimetic apatite microenvironment. <i>Ann Biomed Eng</i> 39, 1186-1200.
Christopher	Arakawa	2009	UCLA	Arakawa, C., Ng, R., Tan, S., Kim, S., Wu, B., and Lee, M. (2014). Photopolymerizable chitosan-collagen hydrogels for bone tissue engineering. <i>Journal of tissue engineering and regenerative medicine J Tissue Eng Regen Med</i> . 2014 Apr 28. doi: 10.1002/term.1896.

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Bryan	Goldsmith	2009	UC Riverside	Lo, M.K.F., Gard, M.N., Goldsmith, B.R., Garcia-Garibay, M.A., and Monbouquette, H.G. (2012). Synthesis and Micropatterning of Photocatalytically Reactive Self-Assembled Monolayers Covalently Linked to Si(100) Surfaces via a Si-C Bond. <i>Langmuir</i> 28, 16156-16166.
Jessica	Jimenez	2009	UCLA	Chowdhury, T.G., Jimenez, J.C., Bomar, J.M., Cruz-Martin, A., Cantle, J.P., and Portera-Cailliau, C. (2010). Fate of cajal-retzius neurons in the postnatal mouse neocortex. <i>Frontiers in neuroanatomy</i> 4, 10. (co-first author)
Yong Hoon	Kim	2009	UCLA	Gong, D., Kim, Y.H., Xiao, Y., Du, Y., Xie, Y., Lee, K.K., Feng, J., Farhat, N., Zhao, D., Shu, S., et al. (2016). A Herpesvirus Protein Selectively Inhibits Cellular mRNA Nuclear Export. <i>Cell Host Microbe</i> 20, 642-653.
Jane	Kuon	2009	UCLA	Meloty-Kapella, L., Shergill, B., Kuon, J., Botvinick, E., and Weinmaster, G. (2012). Notch ligand endocytosis generates mechanical pulling force dependent on dynamin, epsins, and actin. <i>Developmental Cell</i> 22, 1299-1312.
Byron	Kwan	2009	UCLA	Yoon, D.J., Kwan, B.H., Chao, F.C., Nicolaidis, T.P., Phillips, J.J., Lam, G.Y., Mason, A.B., Weiss, W.A., and Kamei, D.T. (2010). Intratumoral therapy of glioblastoma multiforme using genetically engineered transferrin for drug delivery. <i>Cancer research</i> 70, 4520-4527.
Shirley	Liu	2009	UCLA	Kamata, M., Liang, M., Liu, S., Nagaoka, Y., and Chen, I.S. (2010a). Live cell monitoring of hiPSC generation and differentiation using differential expression of endogenous microRNAs. <i>PLoS one</i> 5, e11834.
Shirley	Liu	2009	UCLA	Kamata, M., Liu, S., Liang, M., Nagaoka, Y., and Chen, I.S. (2010b). Generation of human induced pluripotent stem cells bearing an anti-HIV transgene by a lentiviral vector carrying an internal murine leukemia virus promoter. <i>Human gene therapy</i> 21, 1555-1567.
Ryan	Ponec	2009	UCLA	Zovein, A.C., Turlo, K.A., Ponec, R.M., Lynch, M.R., Chen, K.C., Hofmann, J.J., Cox, T.C., Gasson, J.C., and Iruela-Arispe, M.L. (2010). Vascular remodeling of the vitelline artery initiates extravascular emergence of hematopoietic clusters. <i>Blood</i> 116, 3435-3444.
Dianne	Pulido	2009	UCLA	Lawal, H.O., Chang, H.Y., Terrell, A.N., Brooks, E.S., Pulido, D., Simon, A.F., and Krantz, D.E. (2010). The Drosophila vesicular monoamine transporter reduces pesticide-induced loss of dopaminergic neurons. <i>Neurobiology of disease</i> 40, 102-112.
Jonathan	Reuter	2009	UC San Diego	Reuter, J.P., Bruinsma, R.F., and Klug, W.S. (2011). Disclination Production and the Assembly of Spherical Shells. <i>Biomater 2010: International Symposium on Mathematical and Computational Biology</i> , 50-60.
Tuan	Tran	2009	UCLA	Tran, T., Andersen, R., Sherman, S.P., and Pyle, A.D. (2013). Insights into skeletal muscle development and applications in regenerative medicine. <i>International review of cell and molecular biology</i> 300, 51-83.

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Allison	Wong	2009	UCLA	Wong, A.W., Miller, K.L., and Diaconescu, P.L. (2010). Reactions of aromatic N-heterocycles with a lutetium benzyl complex supported by a ferrocene-diamide ligand. Dalton transactions 39, 6726-6731.
Lacey	Wright	2009	University of Rhode Island	Garner, O.B., Aguilar, H.C., Fulcher, J.A., Levroney, E.L., Harrison, R., Wright, L., Robinson, L.R., Aspericueta, V., Panico, M., Haslam, S.M., Morris, H.R., Dell, A., Lee, B., and Baum, L.G. (2010). Endothelial galectin-1 binds to specific glycans on nipah virus fusion protein and inhibits maturation, mobility, and function to block syncytia formation. PLoS pathogens 6, e1000993.
Shivani	Dharmaraja	2010	UCLA	Weaver, W.M., Dharmaraja, S., Milisavljevic, V., and Di Carlo, D. (2011). The effects of shear stress on isolated receptor-ligand interactions of Staphylococcus epidermidis and human plasma fibrinogen using molecularly patterned microfluidics. Lab Chip 11, 883-889.
Agnieszka	Grzechnik	2010	UCLA	Lee, Y.J., Lee, C.Y., Grzechnik, A., Gonzales-Zubiarte, F., Vashisht, A.A., Lee, A., Wohlschlegel, J., and Chanfreau, G.F. (2013). RNA polymerase I stability couples cellular growth to metal availability. Molecular cell 51, 105-115.
Jun	Kim	2010	UCLA	Kim, J.W., Ho, W.J., and Wu, B.M. (2011). The Role of the 3D Environment in Hypoxia-induced Drug and Apoptosis Resistance. Anticancer research 31, 3237-3245.
Jun	Kim	2010	UCLA	Ho, W.J., Pham, E.A., Kim, J.W., Ng, C.W., Kim, J.H., Kamei, D.T., and Wu, B.M. (2010). Incorporation of multicellular spheroids into 3-D polymeric scaffolds provides an improved tumor model for screening anticancer drugs. Cancer science 101, 2637-2643.
Jonathan	Kuo	2010	UCLA	Iafe, R.G., Chan, D.G., Kuo, J.L., Boon, B.A., Faizi, D.J., Saga, T., Turner, J.W., and Merlic, C.A. (2012). Cyclization Strategies to Polyenes Using Pd(II)-Catalyzed Couplings of Pinacol Vinylboronates. Org Lett 14, 4282-4285.
Jonathan	Kuo	2010	UCLA	Iafe, R.G., Kuo, J.L., Hochstatter, D.G., Saga, T., Turner, J.W., and Merlic, C.A. (2013). Increasing the Efficiency of the Transannular Diels-Alder Strategy via Palladium(II)-Catalyzed Macrocyclizations. Org Lett 15, 582-585.
Gretchen	Lam	2010	UCLA	Yoon, D.J., Kwan, B.H., Chao, F.C., Nicolaidis, T.P., Phillips, J.J., Lam, G.Y., Mason, A.B., Weiss, W.A., and Kamei, D.T. (2010). Intratumoral Therapy of Glioblastoma Multiforme Using Genetically Engineered Transferrin for Drug Delivery. Cancer research 70, 4520-4527.
Xian	Liu	2010	UCLA	Vincent, J.J., Li, Z., Lee, S.A., Liu, X., Etter, M.O., Diaz-Perez, S.V., Taylor, S.K., Gkoutela, S., Lindgren, A.G., and Clark, A.T. (2011). Single cell analysis facilitates staging of Blimp1-dependent primordial germ cells derived from mouse embryonic stem cells. PloS one 6, e28960.
Priscilla	Sugianto	2010	UCLA	Qiao, B., Sugianto, P., Fung, E., del-Castillo-Rueda, A., Moran-Jimenez, M.J., Ganz, T., and Nemeth, E. (2012). Hepcidin-Induced Endocytosis of Ferroportin Is Dependent on Ferroportin Ubiquitination. Cell Metab 15, 918-924.

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Priscilla	Sugianto	2010	UCLA	Fung, E., Sugianto, P., Hsu, J., Damoiseaux, R., Ganz, T., and Nemeth, E. (2013). High-throughput screening of small molecules identifies hepcidin antagonists. <i>Molecular pharmacology</i> 83, 681-690.
Ashley	Tetlow	2010	University of Missouri, Columbia	Kim, E.W., Nadipuram, S.M., Tetlow, A.L., Barshop, W.D., Liu, P.T., Wohlschlegel, J.A., and Bradley, P.J. (2016). The Rhoptyr Pseudokinase ROP54 Modulates <i>Toxoplasma gondii</i> Virulence and Host GBP2 Loading. <i>mSphere</i> 1.
Amy	Ton	2010	UCLA	Goddard, L.M., Ton, A.N., Org, T., Mikkola, H.K., and Iruela-Arispe, M.L. (2013). Selective suppression of endothelial cytokine production by progesterone receptor. <i>Vascular pharmacology</i> 59, 36-43.
Kerensa	Crump	2011	SUNY Binghamton	Mostany, R., Anstey, J.E., Crump, K.L., Maco, B., Knott, G., and Portera-Cailliau, C. (2013). Altered synaptic dynamics during normal brain aging. <i>The Journal of neuroscience : the official journal of the Society for Neuroscience</i> 33, 4094-4104.
Jonathan	Diep	2011	UCLA	Olson, C.A., Nie, J., Diep, J., Al-Shyoukh, I., Takahashi, T.T., Al-Mawsawi, L.Q., Bolin, J.M., Elwell, A.L., Swanson, S., Stewart, R., Thomson, J.A., Soh, H.T., Roberts, R.W., and Sun, R. (2012). Single-round, multiplexed antibody mimetic design through mRNA display. <i>Angewandte Chemie</i> 51, 12449-12453.
Katerina	Korch	2011	Juniata College	Martin, T.J., Chen, E.K., Korch, K.M., and Merlic, C.A. (2012). Allene ligands in copper-mediated cross-coupling reactions. <i>Abstr Pap Am Chem S</i> 243.
Kevin	Kowalski	2011	CalTech	Kowalski, K.C., He, B.D., and Srinivasan, L. (2013). Dynamic analysis of naive adaptive brain-machine interfaces. <i>Neural computation</i> 25, 2373-2420.
Jennifer	Kuo	2011	UCLA	Jiang, Z.K., Johnson, M., Moughon, D.L., Kuo, J., Sato, M., and Wu, L. (2013). Rapamycin enhances adenovirus-mediated cancer imaging and therapy in pre-immunized murine hosts. <i>PloS one</i> 8, e73650.
Christina	Liu	2011	UCLA	Yoon, D.J., Liu, C.T., Quinlan, D.S., Nafisi, P.M., and Kamei, D.T. (2011). Intracellular Trafficking Considerations in the Development of Natural Ligand-Drug Molecular Conjugates for Cancer. <i>Ann Biomed Eng</i> 39, 1235-1251.
Christina	Liu	2011	UCLA	Chiu, R.Y.T., Tsuji, T., Wang, S.J., Wang, J.T., Liu, C.T., and Kamei, D.T. (2014). Improving the systemic drug delivery efficacy of nanoparticles using a transferrin variant for targeting. <i>J Control Release</i> 180, 33-41.
Gabriel	Loewinger	2011	Pitzer College	Wassum, K.M., Ostlund, S.B., Loewinger, G.C., and Maidment, N.T. (2013). Phasic mesolimbic dopamine release tracks reward seeking during expression of pavlovian-to-instrumental transfer. <i>Biological psychiatry</i> 73, 747-755.
Edna	Miao	2011	UCLA	Khachatoorian, R., Arumugaswami, V., Ruchala, P., Raychaudhuri, S., Maloney, E.M., Miao, E., Dasgupta, A., and French, S.W. (2012). A cell-permeable hairpin peptide inhibits hepatitis C viral nonstructural protein 5A-mediated translation and virus production. <i>Hepatology</i> 55, 1662-1672.

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Erik	Reinertsen	2011	UCLA	Reinertsen, E., Skinner, M., Wu, B., and Tawil, B. (2014). Concentration of fibrin and presence of plasminogen affect proliferation, fibrinolytic activity, and morphology of human fibroblasts and keratinocytes in 3D fibrin constructs. <i>Tissue Eng Part A</i> 20, 2860-2869.
Christine	Ryan	2011	UCLA	De Oliveira, S.N., Wang, J., Ryan, C., Morrison, S.L., Kohn, D.B., and Hollis, R.P. (2013). A CD19/Fc fusion protein for detection of anti-CD19 chimeric antigen receptors. <i>Journal of translational medicine</i> 11, 23.
Christine	Ryan	2011	UCLA	De Oliveira, S.N., Ryan, C., Giannoni, F., Hardee, C.L., Tremcinska, I., Katebian, B., Wherley, J., Sahaghian, A., Tu, A., Grogan, T., et al. (2013). Modification of hematopoietic stem/progenitor cells with CD19-specific chimeric antigen receptors as a novel approach for cancer immunotherapy. <i>Human gene therapy</i> 24, 824-839.
Joseph	Vella	2011	Rutgers University	Patel, A., Vella, J.R., Ma, Z.X., Hsung, R.P., and Houk, K.N. (2015). Transition State Gauche Effects Control the Torquoselectivities of the Electrocyclizations of Chiral 1-Azatrienes. <i>J Org Chem</i> 80, 11888-11894.
Nicole	Cremer	2012	UCLA	Nagasawa, D.T., Smith, Z.A., Cremer, N., Fong, C., Lu, D.C., and Yang, I. (2011). Complications associated with the treatment for spinal ependymomas. <i>Neurosurgical focus</i> 31, E13. (review)
Nicole	Cremer	2012	UCLA	Nagasawa, D.T., Chow, F., Yew, A., Kim, W., Cremer, N., and Yang, I. (2012). Temozolomide and other potential agents for the treatment of glioblastoma multiforme. <i>Neurosurgery clinics of North America</i> 23, 307-322, ix.
Nicole	Cremer	2012	UCLA	Fong, C., Nagasawa, D.T., Chung, L.K., Voth, B., Cremer, N., Thill, K., Ung, N., Gopen, Q., and Yang, I. (2015). Systematic Analysis of Outcomes for Surgical Resection and Radiotherapy in Patients with Papillary Meningioma. <i>J Neurol Surg B Skull Base</i> 76, 252-256.
Nicole	Cremer	2012	UCLA	Ung, N., Mathur, M., Chung, L.K., Cremer, N., Pelargos, P., Frew, A., Thill, K., Mathur, I., Voth, B., Lim, M., et al. (2016). A Systematic Analysis of the Reliability of Diffusion Tensor Imaging Tractography for Facial Nerve Imaging in Patients with Vestibular Schwannoma. <i>J Neurol Surg B Skull Base</i> 77, 314-318.
Michael	Erb	2012	Claremont McKenna College	Daniels-Wells, T.R., Helguera, G., Rodriguez, J.A., Leoh, L.S., Erb, M.A., Diamante, G., Casero, D., Pellegrini, M., Martinez-Maza, O., and Penichet, M.L. (2013). Insights into the mechanism of cell death induced by saporin delivered into cancer cells by an antibody fusion protein targeting the transferrin receptor 1. <i>Toxicology in vitro : an international journal published in association with BIBRA</i> 27, 220-231.
James	Hedrick	2012	MIT	Lee, J., Lin, E.W., Lau, U.Y., Hedrick, J.L., Bat, E., and Maynard, H.D. (2013). Trehalose glycopolymers as excipients for protein stabilization. <i>Biomacromolecules</i> 14, 2561-2569.

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First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Vincent	Heng	2012	UCLA	Nayhouse, M., Amlani, A.M., Heng, V.R., and Orkoulas, G. (2012a). Simulation of fluid-solid coexistence via thermodynamic integration using a modified cell model. <i>Journal of physics Condensed matter : an Institute of Physics journal</i> 24, 155101.
Vincent	Heng	2012	UCLA	Nayhouse, M., Heng, V.R., Amlani, A.M., and Orkoulas, G. (2012b). Simulation of phase boundaries using constrained cell models. <i>Journal of physics Condensed matter : an Institute of Physics journal</i> 24, 375105.
Vincent	Heng	2012	UCLA	Nayhouse, M., Heng, V.R., Amlani, A.M., and Orkoulas, G. (2012c). Precise simulation of subcritical freezing using constrained cell models. <i>J Phys a-Math Theor</i> 45.
Vincent	Heng	2012	UCLA	Heng, V.R., Nayhouse, M., Crose, M., Tran, A., and Orkoulas, G. (2012). Communication: Direct determination of triple-point coexistence through cell model simulation. <i>The Journal of chemical physics</i> 137, 141101.
Vincent	Heng	2012	UCLA	Nayhouse, M., Kwon, J.S.I., Heng, V.R., Amlani, A.M., and Orkoulas, G. (2014). Freezing Transition Studies Through Constrained Cell Model Simulation. <i>Int J Thermophys</i> 35, 1661-1676.
Robert	Lamm	2012	UCLA	Ying, C.T., Wang, J., Lamm, R.J., and Kamei, D.T. (2013). Mathematical modeling of vesicle drug delivery systems 2: targeted vesicle interactions with cells, tumors, and the body. <i>Journal of laboratory automation</i> 18, 46-62.
Richard	Li	2012	Stanford University	Titz, B., Lomova, A., Le, A., Hugo, W., Kong, X., Ten Hoeve, J., Friedman, M., Shi, H., Moriceau, G., Song, C., et al. (2016). JUN dependency in distinct early and late BRAF inhibition adaptation states of melanoma. <i>Cell Discov</i> 2, 16028.
Michelle	Lissner	2012	UCLA	Bhatt, D.M., Pandya-Jones, A., Tong, A.J., Barozzi, I., Lissner, M.M., Natoli, G., Black, D.L., and Smale, S.T. (2012). Transcript dynamics of proinflammatory genes revealed by sequence analysis of subcellular RNA fractions. <i>Cell</i> 150, 279-290
Michelle	Lissner	2012	UCLA	Tong, A.J., Liu, X., Thomas, B.J., Lissner, M.M., Baker, M.R., Senagolage, M.D., Allred, A.L., Barish, G.D., and Smale, S.T. (2016). A Stringent Systems Approach Uncovers Gene-Specific Mechanisms Regulating Inflammation. <i>Cell</i> 165, 165-179.
Harding	Luan	2012	UCLA	Wu, N.C., De La Cruz, J., Al-Mawsawi, L.Q., Olson, C.A., Qi, H., Luan, H.H., Nguyen, N., Du, Y., Le, S., Wu, T.T., et al. (2014a). HIV-1 Quasispecies Delineation by Tag Linkage Deep Sequencing. <i>PloS one</i> 9, e97505.
Harding	Luan	2012	UCLA	Wu, N.C., Young, A.P., Al-Mawsawi, L.Q., Olson, C.A., Feng, J., Qi, H., Chen, S.H., Lu, I.H., Lin, C.Y., Chin, R.G., et al. (2014b). High-throughput profiling of influenza A virus hemagglutinin gene at single-nucleotide resolution. <i>Scientific reports</i> 4, 4942.
Harding	Luan	2012	UCLA	Gong, D., Wu, N.C., Xie, Y., Feng, J., Tong, L., Brulois, K.F., Luan, H., Du, Y., Jung, J.U., Wang, C.Y., et al. (2014). Kaposi's sarcoma-associated herpesvirus ORF18 and ORF30 are essential for late gene expression during lytic replication. <i>Journal of virology</i> 88, 11369-11382.



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First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Harding	Luan	2012	UCLA	Wu, N.C., Young, A.P., Al-Mawsawi, L.Q., Olson, C.A., Feng, J., Qi, H., Luan, H.H., Li, X., Wu, T.T., and Sun, R. (2014c). High-Throughput Identification of Loss-of-Function Mutations for Anti-Interferon Activity in the Influenza A Virus NS Segment. <i>Journal of virology</i> 88, 10157-10164.
Sara	Taylor	2012	UCLA	Vincent, J.J., Li, Z., Lee, S.A., Liu, X., Etter, M.O., Diaz-Perez, S.V., Taylor, S.K., Gkoutela, S., Lindgren, A.G., and Clark, A.T. (2011). Single cell analysis facilitates staging of Blimp1-dependent primordial germ cells derived from mouse embryonic stem cells. <i>PloS one</i> 6, e28960.
Sara	Taylor	2012	UCLA	Hargan-Calvopina, J., Taylor, S., Cook, H., Hu, Z., Lee, S.A., Yen, M.R., Chiang, Y.S., Chen, P.Y., and Clark, A.T. (2016). Stage-Specific Demethylation in Primordial Germ Cells Safeguards against Precocious Differentiation. <i>Developmental cell</i> 39, 75-86.
Stephen	Tran	2012	UCLA	Mak, W.S., Tran, S., Marcheschi, R., Bertolani, S., Thompson, J., Baker, D., Liao, J.C., and Siegel, J.B. (2015). Integrative genomic mining for enzyme function to enable engineering of a non-natural biosynthetic pathway. <i>Nature communications</i> 6, 10005.
Stephen	Tran	2012	UCLA	Mak, W.S., Tran, S., Marcheschi, R., Bertolani, S., Thompson, J., Baker, D., Liao, J.C., and Siegel, J.B. (2016). Corrigendum: Integrative genomic mining for enzyme function to enable engineering of a non-natural biosynthetic pathway. <i>Nature communications</i> 7, 11912.
Tam	Tran	2012	UCLA	Franklin, S., Kimball, T., Rasmussen, T.L., Rosa-Garrido, M., Chen, H., Tran, T., Miller, M.R., Gray, R., Jiang, S., Ren, S., et al. (2016). The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>Am J Physiol Heart Circ Physiol</i> 311, H1234-H1247.
Andrew	Berg	2013	UCLA	Chiu, R.Y., Jue, E., Yip, A.T., Berg, A.R., Wang, S.J., Kivnick, A.R., Nguyen, P.T., and Kamei, D.T. (2014). Simultaneous concentration and detection of biomarkers on paper. <i>Lab Chip</i> 14, 3021-3028.
Andrew	Berg	2013	UCLA	Moshayedi, P., Nih, L.R., Llorente, I.L., Berg, A.R., Cinkornpumin, J., Lowry, W.E., Segura, T., and Carmichael, S.T. (2016). Systematic optimization of an engineered hydrogel allows for selective control of human neural stem cell survival and differentiation after transplantation in the stroke brain. <i>Biomaterials</i> 105, 145-155.
Andrew	Berg	2013	UCLA	Nih, L.R., Moshayedi, P., Llorente, I.L., Berg, A.R., Cinkornpumin, J., Lowry, W.E., Segura, T., and Carmichael, S.T. (2017). Engineered HA hydrogel for stem cell transplantation in the brain: Biocompatibility data using a design of experiment approach. <i>Data Brief</i> 10, 202-209.
Alanna	Chan	2013	UCLA	Gu, W., Gaeta, X., Sahakyan, A., Chan, A.B., Hong, C.S., Kim, R., Braas, D., Plath, K., Lowry, W.E., and Christofk, H.R. (2016). Glycolytic Metabolism Plays a Functional Role in Regulating Human Pluripotent Stem Cell State. <i>Cell Stem Cell</i> 19, 476-490.

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First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Le (Leslie)	Chang	2013	UCLA	James, A.W., Pang, S., Askarinam, A., Corselli, M., Zara, J.N., Goyal, R., Chang, L., Pan, A., Shen, J., Yuan, W., et al. (2012a). Additive effects of sonic hedgehog and Nell-1 signaling in osteogenic versus adipogenic differentiation of human adipose-derived stromal cells. <i>Stem cells and development</i> 21, 2170-2178.
Le (Leslie)	Chang	2013	UCLA	James, A.W., Zara, J.N., Zhang, X., Askarinam, A., Goyal, R., Chiang, M., Yuan, W., Chang, L., Corselli, M., Shen, J., et al. (2012b). Perivascular stem cells: a prospectively purified mesenchymal stem cell population for bone tissue engineering. <i>Stem cells translational medicine</i> 1, 510-519.
Le (Leslie)	Chang	2013	UCLA	Askarinam, A., James, A.W., Zara, J.N., Goyal, R., Corselli, M., Pan, A., Liang, P., Chang, L., Rackohn, T., Stoker, D., et al. (2013). Human perivascular stem cells show enhanced osteogenesis and vasculogenesis with Nel-like molecule I protein. <i>Tissue engineering Part A</i> 19, 1386-1397.
Le (Leslie)	Chang	2013	UCLA	Chung, C.G., James, A.W., Asatrian, G., Chang, L., Nguyen, A., Le, K., Bayani, G., Lee, R., Stoker, D., Zhang, X., et al. (2014). Human perivascular stem cell-based bone graft substitute induces rat spinal fusion. <i>Stem cells translational medicine</i> 3, 1231-1241.
Le (Leslie)	Chang	2013	UCLA	Chung, C.G., James, A.W., Asatrian, G., Chang, L., Nguyen, A., Le, K., Bayani, G., Lee, R., Stoker, D., Pang, S., et al. (2015). Human perivascular stem cell-based bone graft substitute induces rat spinal fusion. <i>Stem cells translational medicine</i> 4, 538.
Le (Leslie)	Chang	2013	UCLA	James, A.W., Chiang, M., Asatrian, G., Shen, J., Goyal, R., Chung, C.G., Chang, L., Shrestha, S., Turner, A.S., Seim, H.B., 3rd, et al. (2016). Vertebral Implantation of NELL-1 Enhances Bone Formation in an Osteoporotic Sheep Model. <i>Tissue engineering Part A</i> 22, 840-849.
Dewal	Gupta	2013	UCLA	Masaeli, M., Gupta, D., O'Byrne, S., Tse, H.T., Gossett, D.R., Tseng, P., Utada, A.S., Jung, H.J., Young, S., Clark, A.T., et al. (2016). Multiparameter mechanical and morphometric screening of cells. <i>Sci Rep</i> 6, 37863.
Elyse	Hartnett	2013	U of Mass, Amherst	Linsley, C.S., Quach, V.Y., Agrawal, G., Hartnett, E., and Wu, B.M. (2015). Visible light and near-infrared-responsive chromophores for drug delivery-on-demand applications. <i>Drug Deliv Transl Res</i> 5, 611-624.
Jason	Kerr	2013	UCLA	Kerr, J., Schlosser, J.L., Griffin, D.R., Wong, D.Y., and Kasko, A.M. (2013). Steric effects in peptide and protein exchange with activated disulfides. <i>Biomacromolecules</i> 14, 2822-2829.
Rebecca	McGillivray	2013	UCLA	Oztug Durer, Z.A., McGillivray, R.M., Kang, H., Elam, W.A., Vizcarra, C.L., Hanein, D., De La Cruz, E.M., Reisler, E., and Quinlan, M.E. (2015). Metavinculin Tunes the Flexibility and the Architecture of Vinculin-Induced Bundles of Actin Filaments. <i>J Mol Biol</i> 427, 2782-2798.
Justin	Ondry	2013	UCLA	Ondry, J.C., Robbennolt, S., Kang, H., Yan, Y., and Tolbert, S.H. (2016). A Room-Temperature, Solution Phase Method for the Synthesis of Mesoporous Metal Chalcogenide Nanocrystal-Based Thin Films with Precisely Controlled Grain Sizes. <i>Chem Mater</i> 28, 6105-6117.

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Michelle	Tibbs	2013	UCLA	Crocetti, J., Silva, O., Humphries, L.A., Tibbs, M.D., and Miceli, M.C. (2014). Selective phosphorylation of the Dlg1AB variant is critical for TCR-induced p38 activation and induction of proinflammatory cytokines in CD8+ T cells. <i>Journal of immunology</i> 193, 2651-2660.
C.Y. Kimberly	Tsui	2013	UCLA	Chen, Y., Akin, O., Nern, A., Tsui, C.Y., Pecot, M.Y., and Zipursky, S.L. (2014). Cell-type-specific labeling of synapses in vivo through synaptic tagging with recombination. <i>Neuron</i> 81, 280-293.
C.Y. Kimberly	Tsui	2013	UCLA	Pecot, M.Y., Chen, Y., Akin, O., Chen, Z., Tsui, C.Y., and Zipursky, S.L. (2014). Sequential axon-derived signals couple target survival and layer specificity in the Drosophila visual system. <i>Neuron</i> 82, 320-333.
Stephanie	Wang	2013	UCLA	Chiu, R.Y.T., Tsuji, T., Wang, S.J., Wang, J.T., Liu, C.T., and Kamei, D.T. (2014b). Improving the systemic drug delivery efficacy of nanoparticles using a transferrin variant for targeting. <i>J Control Release</i> 180, 33-41.
Stephanie	Wang	2013	UCLA	Chiu, R.Y., Jue, E., Yip, A.T., Berg, A.R., Wang, S.J., Kivnick, A.R., Nguyen, P.T., and Kamei, D.T. (2014a). Simultaneous concentration and detection of biomarkers on paper. <i>Lab Chip</i> 14, 3021-3028.
Nadezhda	Zolotova	2013	UCLA	Fox, J.L., Aptekar, J.W., Zolotova, N.M., Shoemaker, P.A., and Frye, M.A. (2014). Figure-ground discrimination behavior in Drosophila. I. Spatial organization of wing-steering responses. <i>The Journal of experimental biology</i> 217, 558-569.
Timothy	Chai	2014	UCLA	Clark, P.M., Flores, G., Evdokimov, N.M., McCracken, M.N., Chai, T., Nair-Gill, E., O'Mahony, F., Beaven, S.W., Faull, K.F., Phelps, M.E., et al. (2014). Positron emission tomography probe demonstrates a striking concentration of ribose salvage in the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> 111, E2866-2874.
Timothy	Chai	2014	UCLA	Evdokimov, N.M., Clark, P.M., Flores, G., Chai, T., Faull, K.F., Phelps, M.E., Witte, O.N., and Jung, M.E. (2015). Development of 2-Deoxy-2-[(18)F]fluororibose for Positron Emission Tomography Imaging Liver Function in Vivo. <i>Journal of medicinal chemistry</i> 58, 5538-5547.
Andrea	Chaikovsky	2014	UCLA	TeSlaa, T., Chaikovsky, A.C., Lipchina, I., Escobar, S.L., Hochedlinger, K., Huang, J., Graeber, T.G., Braas, D., and Teitell, M.A. (2016). alpha-Ketoglutarate Accelerates the Initial Differentiation of Primed Human Pluripotent Stem Cells. <i>Cell Metab.</i> 24, 485-493.
Joan	Chou	2014	UCLA	Mullen, B.R., Ross, B., Chou, J.W., Khankan, R., Khialeeva, E., Bui, K., and Carpenter, E.M. (2016). A Complex Interaction Between Reduced Reelin Expression and Prenatal Organophosphate Exposure Alters Neuronal Cell Morphology. <i>ASN Neuro</i> 8.
Joan	Chou	2014	UCLA	Khialeeva, E., Chou, J.W., Allen, D.E., Chiu, A.M., Bensinger, S.J., and Carpenter, E.M. (2017). Reelin Deficiency Delays Mammary Tumor Growth and Metastatic Progression. <i>J Mammary Gland Biol Neoplasia</i> 22, 59-69.

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Kristen	Flynn	2014	Monmouth University	Ayitou, A.J., Flynn, K., Jockusch, S., Khan, S.I., and Garcia-Garibay, M.A. (2016). Structure-Kinetics Correlations in Isostructural Crystals of alpha-(ortho-Tolyl)-acetophenones: Pinning Down Electronic Effects Using Laser-Flash Photolysis in the Solid State. <i>Journal of the American Chemical Society</i> 138, 2644-2648.
Lawrence	Furan	2014	Macalester College	Narayan, A.R., Jimenez-Oses, G., Liu, P., Negretti, S., Zhao, W., Gilbert, M.M., Ramabhadran, R.O., Yang, Y.F., Furan, L.R., Li, Z., et al. (2015). Enzymatic hydroxylation of an unactivated methylene C-H bond guided by molecular dynamics simulations. <i>Nat Chem</i> 7, 653-660.
Lawrence	Furan	2014	Macalester College	Koch, A.A., Hansen, D.A., Shende, V.V., Furan, L.R., Houk, K.N., Jimenez-Oses, G., and Sherman, D.H. (2017). A Single Active Site Mutation in the Pikromycin Thioesterase Generates a More Effective Macrocyclization Catalyst. <i>J Am Chem Soc</i> 139, 13456-13465.
James	Haggerty-Skeans	2014	UCLA	Khankan, R.R., Griffis, K.G., Haggerty-Skeans, J.R., Zhong, H., Roy, R.R., Edgerton, V.R., and Phelps, P.E. (2016). Olfactory Ensheathing Cell Transplantation after a Complete Spinal Cord Transection Mediates Neuroprotective and Immunomodulatory Mechanisms to Facilitate Regeneration. <i>The Journal of neuroscience : the official journal of the Society for Neuroscience</i> 36, 6269-6286.
Dianne	Lumaquin	2014	UCLA	Hoban, M.D., Cost, G.J., Mendel, M.C., Romero, Z., Kaufman, M.L., Joglekar, A.V., Ho, M., Lumaquin, D., Gray, D., Lill, G.R., et al. (2015). Correction of the sickle cell disease mutation in human hematopoietic stem/progenitor cells. <i>Blood</i> 125, 2597-2604.
Dianne	Lumaquin	2014	UCLA	Romero, Z., Campo-Fernandez, B., Wherley, J., Kaufman, M.L., Urbinati, F., Cooper, A.R., Hoban, M.D., Baldwin, K.M., Lumaquin, D., Wang, X., et al. (2015). The human ankyrin 1 promoter insulator sustains gene expression in a beta-globin lentiviral vector in hematopoietic stem cells. <i>Mol Ther Methods Clin Dev</i> 2, 15012.
Dianne	Lumaquin	2014	UCLA	Hoban, M.D., Lumaquin, D., Kuo, C.Y., Romero, Z., Long, J., Ho, M., Young, C.S., Mojadidi, M., Fitz-Gibbon, S., Cooper, A.R., et al. (2016). CRISPR/Cas9-Mediated Correction of the Sickle Mutation in Human CD34+ cells. <i>Mol Ther</i> 24, 1561-1569.
Dianne	Lumaquin	2014	UCLA	Long, J., Hoban, M.D., Cooper, A.R., Kaufman, M.L., Kuo, C.Y., Campo-Fernandez, B., Lumaquin, D., Hollis, R.P., Wang, X., Kohn, D.B., et al. (2018). Characterization of Gene Alterations following Editing of the beta-Globin Gene Locus in Hematopoietic Stem/Progenitor Cells. <i>Mol Ther</i> 26, 468-479
Shayna	Stein	2014	UCLA	Stein, S., Lu, Z.X., Bahrami-Samani, E., Park, J.W., and Xing, Y. (2015). Discover hidden splicing variations by mapping personal transcriptomes to personal genomes. <i>Nucleic Acids Res</i> 43, 10612-10622.
Shayna	Stein	2014	UCLA	Stein, S., Bahrami-Samani, E., and Xing, Y. (2017). Using RNA-Seq to Discover Genetic Polymorphisms That Produce Hidden Splice Variants. <i>Methods in molecular biology</i> 1648, 129-142.

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First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Justin	Toh	2014	UCLA	Chen, A.L., Kim, E.W., Toh, J.Y., Vashisht, A.A., Rashoff, A.Q., Van, C., Huang, A.S., Moon, A.S., Bell, H.N., Bentolila, L.A., et al. (2015). Novel components of the Toxoplasma inner membrane complex revealed by BioID. <i>MBio</i> 6, e02357-02314.
Justin	Toh	2014	UCLA	Chen, A.L., Moon, A.S., Bell, H.N., Huang, A.S., Vashisht, A.A., Toh, J.Y., Lin, A.H., Nadipuram, S.M., Kim, E.W., Choi, C.P., et al. (2017). Novel insights into the composition and function of the Toxoplasma IMC sutures. <i>Cell Microbiol</i> 19.
Hamilton	Trinh	2014	UCLA	Guenther, E.L., Ge, P., Trinh, H., Sawaya, M.R., Cascio, D., Boyer, D.R., Gonen, T., Zhou, Z.H., and Eisenberg, D.S. (2018). Atomic-level evidence for packing and positional amyloid polymorphism by segment from TDP-43 RRM2. <i>Nat Struct Mol Biol</i> 25, 311-319.
Melissa	Truong	2014	UCLA	Resende, L.P., Truong, M.E., Gomez, A., and Jones, D.L. (2017). Intestinal stem cell ablation reveals differential requirements for survival in response to chemical challenge. <i>Dev Biol</i> 424, 10-17.
Hannah	Bell	2015	UCLA	Chen, A.L., Kim, E.W., Toh, J.Y., Vashisht, A.A., Rashoff, A.Q., Van, C., Huang, A.S., Moon, A.S., Bell, H.N., Bentolila, L.A., et al. (2015). Novel components of the Toxoplasma inner membrane complex revealed by BioID. <i>MBio</i> 6, e02357-02314.
Hannah	Bell	2015	UCLA	Nadipuram, S.M., Kim, E.W., Vashisht, A.A., Lin, A.H., Bell, H.N., Coppens, I., Wohlschlegel, J.A., and Bradley, P.J. (2016). In Vivo Biotinylation of the Toxoplasma Parasitophorous Vacuole Reveals Novel Dense Granule Proteins Important for Parasite Growth and Pathogenesis. <i>MBio</i> 7.
Hannah	Bell	2015	UCLA	Chen, A.L., Moon, A.S., Bell, H.N., Huang, A.S., Vashisht, A.A., Toh, J.Y., Lin, A.H., Nadipuram, S.M., Kim, E.W., Choi, C.P., et al. (2017). Novel insights into the composition and function of the Toxoplasma IMC sutures. <i>Cell Microbiol</i> 19.
Katherine	Liu	2015	Scripps College	Beren, C., Dreesens, L.L., Liu, K.N., Knobler, C.M., and Gelbart, W.M. (2017). The Effect of RNA Secondary Structure on the Self-Assembly of Viral Capsids. <i>Biophys J</i> 113, 339-347.
Erin	McCaffrey	2015	University of Maryland College Park	Lee, J.K., Phillips, J.W., Smith, B.A., Park, J.W., Stoyanova, T., McCaffrey, E.F., Baertsch, R., Sokolov, A., Meyerowitz, J.G., Mathis, C., et al. (2016). N-Myc Drives Neuroendocrine Prostate Cancer Initiated from Human Prostate Epithelial Cells. <i>Cancer Cell</i> 29, 536-547.
Brandon	Tsai	2015	UCLA	Arneson, D., Shu, L., Tsai, B., Barrere-Cain, R., Sun, C., and Yang, X. (2017). Multidimensional Integrative Genomics Approaches to Dissecting Cardiovascular Disease. <i>Front Cardiovasc Med</i> 4, 8.
James	Cevallos	2016	UCLA	Cevallos, J.A., Okubo, R.P., Perlman, S.J., and Hallem, E.A. (2017). Olfactory Preferences of the Parasitic Nematode <i>Howardula aoronymphium</i> and its Insect Host <i>Drosophila falleni</i> . <i>J Chem Ecol</i> 43, 362-373.
Julia	Hiserodt	2016	UCLA	Hicks, M.R., Hiserodt, J., Paras, K., Fujiwara, W., Eskin, A., Jan, M., Xi, H., Young, C.S., Evseenko, D., Nelson, S.F., et al. (2018). ERBB3 and NGFR mark a distinct skeletal muscle progenitor cell in human development and hPSCs. <i>Nature cell biology</i> 20, 46-57.

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Weilin	Song	2016	UCLA	Cai, D.J., Aharoni, D., Shuman, T., Shobe, J., Biane, J., Song, W., Wei, B., Veshkini, M., La-Vu, M., Lou, J., et al. (2016). A shared neural ensemble links distinct contextual memories encoded close in time. <i>Nature</i> 534, 115-118.
Raghav	Tripathi	2016	Case Western Reserve University	Ogren, J.A., Tripathi, R., Macey, P.M., Kumar, R., Stern, J.M., Eliashiv, D.S., Allen, L.A., Diehl, B., Engel, J., Jr., Rani, M.R.S., et al. (2018). Regional cortical thickness changes accompanying generalized tonic-clonic seizures. <i>NeuroImage Clinical</i> 20, 205-215
Chloe	Wu	2016	UCLA	Mosley, G.L., Pereira, D.Y., Han, Y., Lee, S.Y., Wu, C.M., Wu, B.M., and Kamei, D.T. (2017). Improved lateral-flow immunoassays for chlamydia and immunoglobulin M by sequential rehydration of two-phase system components within a paper-based diagnostic. <i>Microchim Acta</i> 184, 4055-4064.
Sangwon	Yun	2016	Duke University	Lee, J.K., Bangayan, N.J., Chai, T., Smith, B.A., Pariva, T.E., Yun, S., Vashisht, A., Zhang, Q., Park, J.W., Corey, E., et al. (2018). Systemic surfaceome profiling identifies target antigens for immune-based therapy in subtypes of advanced prostate cancer. <i>Proc Natl Acad Sci U S A</i> 115, E4473-E4482.
Gunvant	Chaudhari	2017	UCLA	Goel, A., Cantu, D.A., Guilfoyle, J., Chaudhari, G.R., Newadkar, A., Todisco, B., de Alba, D., Kourdougli, N., Schmitt, L.M., Pedapati, E., et al. (2018). Impaired perceptual learning in a mouse model of Fragile X syndrome is mediated by parvalbumin neuron dysfunction and is reversible. <i>Nat Neurosci</i> 21, 1404-1411.
Van	Hsieh	2017	UC Santa Barbara	Chang, C., Amer, B.R., Osipiuk, J., McConnell, S.A., Huang, I.H., Hsieh, V., Fu, J., Nguyen, H.H., Muroski, J., Flores, E., et al. (2018). In vitro reconstitution of sortase-catalyzed pilus polymerization reveals structural elements involved in pilin cross-linking. <i>Proc Natl Acad Sci U S A</i> 115, E5477-E5486.
Claire	Page	2017	UCLA	Hang, L., Tang, M.C., Harvey, C.J.B., Page, C.G., Li, J., Hung, Y.S., Liu, N., Hillenmeyer, M.E., and Tang, Y. (2017). Reversible Product Release and Recapture by a Fungal Polyketide Synthase Using a Carnitine Acyltransferase Domain. <i>Angew Chem Int Ed Engl</i> 56, 9556-9560.
Andy	Whiteley	2017	Cal Poly San Luis Obispo	Sullivan, W.J., Mullen, P.J., Schmid, E.W., Flores, A., Momcilovic, M., Sharpley, M.S., Jelinek, D., Whiteley, A.E., Maxwell, M.B., Wilde, B.R., et al. (2018). Extracellular Matrix Remodeling Regulates Glucose Metabolism through TXNIP Destabilization. <i>Cell</i> 175, 117-132 e121
Hyelim	Chun	2018	UCLA	Wang, W., Chun, H., Baek, J., Sadik, J.E., Shirazyan, A., Razavi, P., Lopez, N., and Lyons, K.M. (2019). The TGFbeta type I receptor TGFbetaRI functions as an inhibitor of BMP signaling in cartilage. <i>Proc Natl Acad Sci U S A</i> 116, 15570-15579.
Irena	Roy	2018	UCLA	Huang, D., Leslie, K.A., Guest, D., Yeshcheulova, O., Roy, I.J., Piva, M., Moriceau, G., Zangle, T.A., Lo, R.S., Teitell, M.A., et al. (2018). High-Speed Live-Cell Interferometry: A New Method for Quantifying Tumor Drug Resistance and Heterogeneity. <i>Anal Chem</i> 90, 3299-3306.

**Amgen Scholars Peer-Reviewed Publications**

*as of 9/03/2019*

First Name	Last Name	Cohort Year at UCLA	Home Institution	Publication
Irena	Roy	2018	UCLA	Lu, V., Dahan, P., Ahsan, F.M., Patananan, A.N., Roy, I.J., Torres, A., Jr., Nguyen, R.M.T., Huang, D., Braas, D., and Teitell, M.A. (2019). Mitochondrial metabolism and glutamine are essential for mesoderm differentiation of human pluripotent stem cells. Cell Res 29, 596-598.