

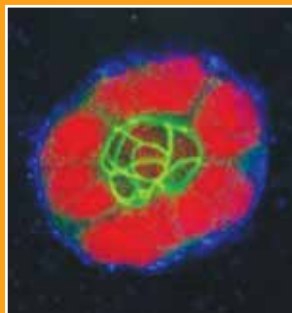
Scientific Activities of the California Pacific Medical Center Research Institute

Compendium of Peer-Reviewed Publications for Key Program Areas

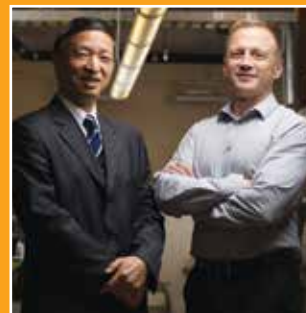
2013



Peggy Cawthon
(Ph.D., M.P.H.),
Scientist at CPMCRI.



Discovery researchers at
CPMCRI are investigating
changes on the surface of
cancer cells.



Li-Xi Yang (Ph.D., M.D.) and
Garret Yount (Ph.D.),
Scientists at CPMCRI.

Addiction Pharmacology

Gantt Galloway (PhD), Scientist; Co-Director of the Addiction and Pharmacology Research Laboratory

Publications:

Pal R, Balt S, Erowid E, Erowid F, Baggott MJ, Mendelson J, **Galloway GP** (2013). Ketamine is associated with lower urinary tract signs and symptoms. *Drug and Alcohol Dependence*, 132:189-194.

Somoza EC, Winship D, Gorodetzky CW, Lewis D, Ciraulo DA, **Galloway GP**, Segal SD, Sheehan M, Roache JD, Bickel WK, Jasinski D, Watson DW, Miller SR, Somoza P, Winhusen T (2013). A multisite, double-blind, placebo-controlled clinical trial to evaluate the safety and efficacy of vigabatrin for treating cocaine dependence. *JAMA Psychiatry*, 70(6):630-637.

Keoleian V, Stalcup SA, Polcin DL, Brown M, Cai M, **Galloway GP** (2013). A cognitive behavioral therapy-based text messaging intervention for methamphetamine dependence. *Journal of Psychoactive Drugs*, 45(5):434-442.

Belt A, Weitsheit RA, Stalcup SA, **Galloway GP** (2013). Treating incarcerated juvenile methamphetamine abusers. *Psychology Research*, 3(8):463-474.

John Mendelson (MD), Senior Scientist; Co-Director of the Addiction and Pharmacology Research Laboratory

Publications:

De La Garza R 2nd, Galloway GP, Newton TF, **Mendelson J**, Haile CN, Dib E, Hawkins RY, Chen CY, Mahoney JJ 3rd, Mojsiak J, Lao G, Anderson A, Kahn R. Assessment of safety, cardiovascular and subjective effects after intravenous cocaine and lofexidine. *Prog Neuropsychopharmacol Biol Psychiatry*. 2014 Apr 3;50:44-52.

Pal R, Balt S, Erowid E, Erowid F, Baggott MJ, **Mendelson J**, Galloway GP. Ketamine is associated with lower urinary tract signs and symptoms. *Drug Alcohol Depend*. 2013 Sep 1;132(1-2):189-94.

Book Chapter:

Chan, H.A., and **Mendelson, J.E.** (2013) Hallucinogens. In: *The Effects of Drug Abuse on the Human Nervous System* (B. Madras and M. Kuhar: Eds), Elsevier, Chapter 17.

Cancer

Shanaz Dairkee (PhD), Senior Scientist

Publications:

Sayeed A, Luciani-Torres G, Meng Z, Bennington JL, Moore DH, **Dairkee SH**. Aberrant regulation of the BST2 (Tetherin) promoter enhances cell proliferation and apoptosis evasion in high grade breast cancer cells. *PLoS One*. 2013 Jun 20;8(6):e67191.

Dairkee SH, Luciani-Torres MG, Moore DH, Goodson WH 3rd. Bisphenol-A-induced inactivation of the p53 axis underlying deregulation of proliferation kinetics, and cell death in non-malignant human breast epithelial cells. *Carcinogenesis*. 2013 Mar;34(3):703-12.

Presentations:

Dairkee SH. Identifying clinically relevant endpoints for in vitro carcinogenicity testing. Presentation at Genetic and Environmental Toxicology Association of Northern California Meeting, May 9, 2013, Oakland, CA.

Dairkee SH. Xenoestrogen-specific perturbations in the human breast. Presentation at California Breast Cancer Research Symposium, May 17, 2013, Costa Mesa, CA.

Dairkee SH. Xenoestrogen-specific perturbations in the human breast. Presentation at CBCRP Chemicals Testing for Breast Cancer Meeting, December 4, 2013, Oakland, CA.

Luciani-Torres MG, Goodson III WH, **Dairkee SH**. Low dose exposure of non-malignant breast epithelial cells to the polyester and PET precursor, terephthalic acid, triggers broad-based dysfunctional changes. Poster at San Antonio Breast Cancer Symposium, December 13, 2013, San Antonio, TX.

Altat Dar (PhD), Associate Scientist

Publications:

Majid S, **Dar AA**, Saini S, Deng G, Chang I, Greene K, Tanaka Y, Dahiya R, Yamamura S. MicroRNA-23b functions as a tumor suppressor by regulating Zeb1 in bladder cancer. *PLoS One*. 2013 Jul 2;8(7).

Dar AA, Majid S, Rittsteuer C, de Semir D, Bezrookove V, Tong S, Nosrati M, Sagebiel R, Miller JR 3rd, Kashani-Sabet M. The role of miR-18b in MDM2-p53 pathway signaling and melanoma progression. *J Natl Cancer Inst*. 2013 Mar 20;105(6):433-42.

Majid S, **Dar AA**, Saini S, Shahryari V, Arora S, Zaman MS, Chang I, Yamamura S, Tanaka Y, Chiyomaru T, Deng G, Dahiya R. miRNA-34b inhibits prostate cancer through demethylation, active chromatin modifications, and AKT pathways. *Clin Cancer Res*. 2013 Jan 1;19(1):73-84.

Eric Dean (MD), Hematologist

Publication:

Li Z, Dong L, **Dean E**, Yang LV. Acidosis decreases c-Myc oncogene expression in human lymphoma cells: a role for the proton-sensing G protein-coupled receptor TDAG8. *Int J Mol Sci*. 2013 Oct 11;14(10):20236-55.

Pierre-Yves Desprez (PhD), Senior Scientist

Publications:

Laberge RM, Adler D, DeMaria M, Mechtouf N, Teachenor R, Cardin GB, **Desprez PY**, Campisi J, Rodier F. Mitochondrial DNA damage induces apoptosis in senescent cells. *Cell Death Dis*. 2013 Jul 18;4:e727.

Sumida T, Murase R, Onishi-Ishikawa A, McAllister SD, Hamakawa H, **Desprez PY**. Targeting Id1 reduces proliferation and invasion in aggressive human salivary gland cancer cells. *BMC Cancer*. 2013 Mar 22;13:141.

Soroceanu L, Murase R, Limbad C, Singer E, Allison J, Adrados I, Kawamura R, Pakdel A, Fukuyo Y, Nguyen D, Khan S, Arauz R, Yount GL, Moore DH, **Desprez PY**, McAllister SD. Id-1 is a key transcriptional regulator of glioblastoma aggressiveness and a novel therapeutic target. *Cancer Res*. 2013 Mar 1;73(5):1559-69.

William Goodson (MD), Surgeon

Publication:

Dairkee SH, Luciani-Torres MG, Moore DH, **Goodson WH 3rd**. Bisphenol-A-induced inactivation of the p53 axis underlying deregulation of proliferation kinetics, and cell death in non-malignant human breast epithelial cells. *Carcinogenesis*. 2013 Mar;34(3):703-12.

Mohammed Kashani-Sabet (MD), Senior Scientist; Director of the Center for Melanoma Research and Treatment

Publications:

Bezrookove V, De Semir D, Nosrati M, Tong S, Wu C, Thummala S, Dar AA, Leong SP, Cleaver JE, Sagebiel RW, Miller JR 3rd, **Kashani-Sabet M**. Prognostic Impact of PHIP Copy Number in Melanoma: Linkage to Ulceration. *Journal of Investigative Dermatology*. Sept 4, 2013. Dar AA, Majid S, Rittsteuer C, de Semir D, Bezrookove V,

Tong S, Nosrati M, Sagebiel R, Miller JR 3rd, **Kashani-Sabet M**. The role of miR-18b in MDM2-p53 pathway signaling and melanoma progression. *J Natl Cancer Inst*. 2013 Mar 20;105(6):433-42.

Han D, Zager JS, Shyr Y, Chen H, Berry LD, Iyengar S, Djulbegovic M, Weber JL, Marzban SS, Sondak VK,

Messina JL, Vetto JT, White RL, Pockaj B, Mozzillo N, Charney KJ, Avisar E, Krouse R, **Kashani-Sabet M**, Leong SP. Clinicopathologic predictors of sentinel lymph node metastasis in thin melanoma. *J Clin Oncol*. 2013 Dec 10;31(35):4387-93.

Ruschulte H, Shi S, Tseng WW, Kolodzie K, Crawford PC, Schneider DB, **Kashani-Sabet M**, Minor D, Apfel C, Leong SP. Anesthesia management of patients undergoing hyperthermic isolated limb perfusion with melphalan for melanoma treatment: an analysis of 17 cases. *BMC Anesthesiol*. 2013 Jul 17;13(1):15.

Ascierto PA, Grimaldi AM, Acquavella N, Borgognoni L, Calabrò L, Cascinelli N, Cesano A, Del Vecchio M, Eggermont AM, Faries M, Ferrone S, Fox BA, Gajewski TF, Galon J, Gnjatic S, Gogas H, **Kashani-Sabet M**, et al. Future perspectives in melanoma research. Meeting report from the "Melanoma Bridge. Napoli, December 2nd-4th 2012. *J Transl Med*. 2013 Jun 3;11:137.

Fadaki N, Li R, Parrett B, Sanders G, Thummala S, Martineau L, Cardona-Huerta S, Miranda S, Cheng ST, Miller JR 3rd, Singer M, Cleaver JE, **Kashani-Sabet M**, Leong SP. Is head and neck melanoma different from trunk and extremity melanomas with respect to sentinel lymph node status and clinical outcome? *Ann Surg Oncol*. 2013 Sep;20(9):3089-97.

Kashani-Sabet M, Sagebiel RW, Joensuu H, Miller JR 3rd. A patient-centered methodology that improves the accuracy of prognostic predictions in cancer. *PLoS One*. 2013;8(2):e56435.

Cordoro KM, Gupta D, Frieden IJ, McCalmont T, **Kashani-Sabet M**. Pediatric melanoma: results of a large cohort study and proposal for modified ABCD detection criteria for children. *J Am Acad Dermatol*. 2013 Jun;68(6):913-25.

Venna SS, Thummala S, Nosrati M, Leong SP, Miller JR 3rd, Sagebiel RW, **Kashani-Sabet M**. Analysis of sentinel lymph node positivity in patients with thin primary melanoma. *J Am Acad Dermatol*. 2013 Apr;68(4):560-7.

Menzel P, Abendroth R, **Kashani-Sabet M**, Minor DR: Combined ipilimumab and radiotherapy for metastatic melanoma. *Pig Cell & Melanoma Res Nov* 2013; 26: 980 (abstr).

Minor DR, Wang W, **Kashani-Sabet M**: Concurrent bevacizumab (BEV) with biochemotherapy (BIO) followed by ipilimumab for advanced melanoma: a phase I-II trial. *J Clin Oncol* 2013 (suppl; abstr e200001).

Kevin Knopf (MD), Medical Oncologist and Hematologist

Publications:

Nordstrom BL, **Knopf KB**, Teltsch DY, Engle R, Beygi H, Sterchele JA. The safety of bendamustine in patients with chronic lymphocytic leukemia or non-Hodgkin lymphoma and concomitant renal impairment: a retrospective electronic medical record database analysis. *Leuk Lymphoma*. 2013 Oct 3. [Epub ahead of print]

Wang HL, Aguilera C, **Knopf KB**, Chen TM, Maslove DM, Kuschner WG. Thrombocytopenia in the intensive care unit. *J Intensive Care Med*. 2013 Sep-Oct;28(5):268-80.

Presentations:

Knopf K, Duh MS, Lafeuille M-H, et. Al. Meta-analysis of the efficacy and safety of bortezomib retreatment in patients with relapsed and/or refractory multiple myeloma. Poster Presentations, American Society of Hematology, December 2012, International Myeloma Workshop Kyoto, Japan April 2013, ISPOR May 2013, ASCO June 2013, ISPE September 2013.

Knopf K, Iqbal U, Thompson S et al. Survival outcomes in patients with metastatic colorectal cancer. Poster Presentation. American Society of Clinical Oncology GI Meeting January 2013, ASCO June 2013.

Kevin B. Knopf, Marie-Hélène Lafeuille, Jonathan Gravel, Patrick Lefebvre, Liviu Niculescu, Abbie Ba-Mancini, Esprit Ma, Mei Sheng Duh. Cost Analysis of Bortezomib Retreatment Compared with Switching to Carfilzomib in Patients with Relapsed Multiple Myeloma Previously Treated with Bortezomib. Poster presentation. Value Based Cancer Care, May 2013.

Guo S, Pelligra CG, Icten ZG, Altincatal A, Rodrigues F, Monizini MS, **Knopf KB**. A cost-benefit assessment of treatment for newly diagnosed multiple myeloma patients: an efficiency frontier approach. Poster presentation. Congress of European Hematology, Stockholm, Sweden. June 2013.

Xu Y, Martin A, Ross S, **Knopf K**, et al. Second-line treatment of metastatic colorectal cancer (mCRC): a systematic literature review and feasibility assessment of indirect treatment comparison analysis. ISPOR International Meeting 2013.

International Society for Pharmacoeconomics and Outcomes Research April 2013, New Orleans. Clinical Pathways and Cost-Effective Oncology Care. Oral Presentation.

Stanley Leong (MD), Chief of Cutaneous Oncology; Associate Director of the Center for Melanoma Research and Treatment

Publications:

Sondak VK, King DW, Zager JS, Schneebaum S, Kim J, **Leong SP**, Faries MB, Averbook BJ, Martinez SR, Puleo CA, Messina JL, Christman L, Wallace AM. Combined analysis of phase III trials evaluating [^{99m}Tc]tilmanocept and vital blue dye for identification of sentinel lymph nodes in clinically node-negative cutaneous melanoma. *Ann Surg Oncol*. 2013 Feb;20(2):680-8.

Venna SS, Thummala S, Nosrati M, **Leong SP**, Miller JR 3rd, Sagebiel RW, Kashani-Sabet M. Analysis of sentinel lymph node positivity in patients with thin primary melanoma. *J Am Acad Dermatol*. 2013 Apr;68(4):560-7.

Fadaki N, Li R, Parrett B, Sanders G, Thummala S, Martineau L, Cardona-Huerta S, Miranda S, Cheng ST, Miller JR 3rd, Singer M, Cleaver JE, **Kashani-Sabet M**, **Leong SP**. Is head and neck melanoma different from trunk and extremity melanomas with respect to sentinel lymph node status and clinical outcome? *Ann Surg Oncol*. 2013 Sep;20(9):3089-97.

Balch CM, Soong SJ, Gershenwald JE, Thompson JF, Coit DG, Atkins MB, Ding S, Cochran AJ, Eggermont AM, Flaherty KT, Gimotty PA, Johnson TM, Kirkwood JM, **Leong SP**, McMasters KM, Mihm MC Jr, Morton DL, Ross MI, Sondak VK. Age as a prognostic factor in patients with localized melanoma and regional metastases. *Ann Surg Oncol*. 2013 Nov;20(12):3961-8.

Ruschulte H, Shi S, Tseng WW, Kolodzie K, Crawford PC, Schneider DB, **Kashani-Sabet M**, Minor D, Apfel C, **Leong SP**. Anesthesia management of patients undergoing hyperthermic isolated limb perfusion with melphalan for melanoma treatment: an analysis of 17 cases. *BMC Anesthesiol*. 2013 Jul 17;13(1):15.

Leong SP. Compartmentalizing sentinel lymph nodes and nonsentinel lymph nodes in regional lymph nodes draining the primary melanoma. *JAMA Surg*. 2013 Sep;148(9):884-5.

Han D, Zager JS, Shyr Y, Chen H, Berry LD, Iyengar S, Djulbegovic M, Weber JL, Marzban SS, Sondak VK, Messina JL, Vetto JT, White RL, Pockaj B, Mozzillo N, Charney KJ, Avisar E, Krouse R, **Kashani-Sabet M**, **Leong SP**. Clinicopathologic predictors of sentinel lymph node metastasis in thin melanoma. *J Clin Oncol*. 2013 Dec 10;31(35):4387-93.

Bezrookove V, De Semir D, Nosrati M, Tong S, Wu C, Thummala S, Dar AA, **Leong SP**, Cleaver JE, Sagebiel RW, Miller JR 3rd, **Kashani-Sabet M**. Prognostic Impact of PHIP Copy Number in Melanoma: Linkage to Ulceration. *Journal of Investigative Dermatology*. Sept 4, 2013.

Sean McAllister (PhD), Scientist

Publications:

Ward SJ, **McAllister SD**, Neelakantan H, Walker EA. Cannabidiol inhibits paclitaxel-induced neuropathic pain through 5-HT_{1A} receptors without diminishing nervous system function or chemotherapy efficacy. *British Journal of Pharmacology* 2013. Oct 4 (Epub ahead of print).

Soroceanu L, Murase R, Limbad C, Singer E, Allison J, Agrados I, Kawamura R, Pakdel A, Fukuyo Y, Nguyen D, Khan S, Arauz R, Yount GL, Moore DH, Desprez PY, and **McAllister SD**. Id-1 is a key transcriptional regulator of glioblastoma aggressiveness and a novel therapeutic target. *Cancer Research* 2013;73(5):1559-69.

Sumida T, Murase R., Onishi-Ishikawa A., **McAllister SD**, Hamakawa H., Desprez PY. Targeting Id1 reduces proliferation and invasion in aggressive human salivary gland cancer cells. *BMC Cancer* 2013;13:141.

Baillie GL, Horswill JG, Anavi-Goffer S, Reggio PH, Bolognini D, Abood ME, **McAllister SD**, Strange PG,

Stephens GJ, Pertwee RG, Ross RA. CB1 receptor allosteric modulators display both agonist and signalling pathway specificity. *Molecular Pharmacology* 2013;83(2):322-38.

David Minor (MD), Associate Director of the Center for Melanoma Research and Treatment

Publications:

Menzel P, Abendroth R, Kashani-Sabet M, **Minor DR**. Combined ipilimumab and radiotherapy for metastatic melanoma. *Pig Cell & Melanoma Res Nov* 2013;26:980 (abstr).

Ascierto PA, **Minor DR**, Ribas A et al: A Phase II trial (BREAK-2) of the BRAF inhibitor dabrafenib (GSK2118636) in patients with metastatic melanoma. *J Clin Oncol* 2013 Sept 10;31:3205-3211.

Minor DR, Bunker SR, & Doyle J: Lymphocytic vasculitis of the the uterus in a melanoma patient receiving ipilimumab. *J Clin Oncol* 2013 July 10;32:pp e356.

Minor DR, Wang W, Kashani-Sabet: Concurrent bevacizumab (BEV) with biochemotherapy (BIO) followed by ipilimumab for advanced melanoma: a phase I-II trial. *J Clin Oncol* 2013 (suppl; abstr e200001).

Margolin KA, Hamid O, Weber JS, **Minor DR**: Ipilimumab retreatment following induction therapy: the expanded access program (EAP) program. *J Clin Onc* 2013 (suppl; abstr 9041).

Chmielowski B, Hamid Omid, **Minor DR**, et al: A phase III open-label study of Nivolumab (anti-PD-1; BMS-936558; ONO-4538) versus investigator's choice in melanoma patients progressing post anti-CTLA-4 therapy. *J Clin Oncol* 2013 (suppl; abstr TPS 9105).

Hamid O, Hwu WJ, Richards JM, et al: Ipilimumab (Ipi) expanded access program (EAP) for patients (pts) with stage III/IV melanoma: 10mg/kg cohort interim results. *J Clin Oncol* 2013 (suppl; abstr 8508).

Ascierto A, Grob JJ, Hamid O, et al Tumor-specific circulating cell-free DNA (cfDNA) BRAF mutations (muts) to predict clinical outcome in patients (pts) treated with the BRAF inhibitor dabrafenib. *J Clin Oncol* 2013 (suppl; abstr 8518).

Ruschulte H, Shi S, Tseng WW, Kolodzie K, Crawford PC, Schneider DB, Kashani-Sabet M, **Minor D**, Apfel C, Leong SP. Anesthesia management of patients undergoing hyperthermic isolated limb perfusion with melphalan for melanoma treatment: an analysis of 17 cases. *BMC Anesthesiol*. 2013 Jul 17;13(1):15.

Dan Moore (PhD), Biostatistician

Publications:

Sayeed A, Luciani-Torres G, Meng Z, Bennington JL, **Moore DH**, Dairkee SH. Aberrant regulation of the BST2 (Tetherin) promoter enhances cell proliferation and apoptosis evasion in high grade breast cancer cells. *PLoS One*. 2013 Jun 20;8(6):e67191.

Piper M, Peled AW, Foster RD, **Moore DH**, Esserman LJ. Total Skin-Sparing Mastectomy: A Systematic Review of Oncologic Outcomes and Postoperative Complications. *Ann Plast Surg*. 2013 Mar 11. [Epub ahead of print]

Arasu VA, Joe BN, Lvoff NM, Leung JW, Brenner RJ, Flowers CI, **Moore DH**, Sickles EA. Response. *Radiology*. 2013 Feb;266(2):685-6.

Volz S, **Moore DH**, Belkora JK. Do patients use decision and communication aids as prompted when meeting with breast cancer specialists? *Health Expect*. 2013 Jan 7.

Soroceanu L, Murase R, Limbad C, Singer E, Allison J, Adrados I, Kawamura R, Pakdel A, Fukuyo Y, Nguyen D, Khan S, Arauz R, Yount GL, **Moore DH**, Desprez PY, McAllister SD. Id-1 is a key transcriptional regulator of glioblastoma aggressiveness and a novel therapeutic target. *Cancer Res*. 2013 Mar 1;73(5):1559-69.

Dairkee SH, Luciani-Torres MG, **Moore DH**, Goodson WH 3rd. Bisphenol-A-induced inactivation of the p53 axis underlying deregulation of proliferation kinetics, and cell death in non-malignant human breast epithelial cells. *Carcinogenesis*. 2013 Mar;34(3):703-12.

Rachlin K, **Moore DH**, Yount G. Infrasound sensitizes human glioblastoma cells to cisplatin-induced apoptosis. *Integr Cancer Ther*. 2013 Nov;12(6):517-27.

Liliana Soroceanu (MD, PhD), Scientist

Publications:

Hadaczek P, Ozawa T, **Soroceanu L**, Yoshida Y, Matlaf L, Singer E, Fiallos E, James CD, Cobbs CS. Cidofovir: a novel antitumor agent for glioblastoma. *Clin Cancer Res*. 2013 Dec 1;19(23):6473-83.

Matlaf LA, Harkins LE, Bezrookove V, Cobbs CS, **Soroceanu L**. Cytomegalovirus pp71 protein is expressed in human glioblastoma and promotes pro-angiogenic signaling by activation of stem cell factor. *PLoS One*. 2013 Jul 5;8(7):e68176.

Soroceanu L, Murase R, Limbad C, Singer E, Allison J, Adrados I, Kawamura R, Pakdel A, Fukuyo Y, Nguyen D, Khan S, Arauz R, Yount GL, Moore DH, Desprez PY, McAllister SD. Id-1 is a key transcriptional regulator of glioblastoma aggressiveness and a novel therapeutic target. *Cancer Res*. 2013 Mar 1;73(5):1559-69.

Presentations:

Society for Neuro-Oncology International Meeting held in San Francisco in November 2013. Platform Presentation: HCMV glycoprotein B is expressed in glioblastomas and enhances tumor growth and invasiveness via PDGFR-alpha activation.

Society for Neuro-Oncology International Meeting held in San Francisco in November 2013. Platform Presentation: Targeting therapeutic resistance of glioma stem cells using non-toxic modulators of ROS.

Society for Neuro-Oncology International Meeting held in San Francisco in November 2013. Platform Presentation: Cidofovir: A novel anti-tumor agent for glioblastoma.

Wei Wang (MD), Hematologist

Publication:

Schwartzberg LS, Tauer KW, Hermann RC, Makari-Judson G, Isaacs C, Beck JT, Kaklamani V, Stepanski EJ, Rugo H, **Wang W**, Bell-McGuinn K, Kirshner J, Eisenberg PD, Emanuelson R, Keaton MR, Levine E, Medgyesy DC, Qamar R, Starr A, Kwon Ro S, Lokker NA, Hudis CA. Sorafenib With Gemcitabine or Capecitabine in Patients With HER-2 Negative Advanced Breast Cancer That Progressed During or After Bevacizumab. *Clinical Cancer Research* 19(10):2745-54, 2013.

Esther K. Wei (ScD), Scientist

Publication:

Austin SB, Pazaris MJ, Nichols LP, Bowen D, **Wei EK**, Spielgelman D. An examination of sexual orientation group patterns in mammographic and colorectal screening in a cohort of US women. *Cancer Causes Control*. 2013 Mar;24(3):539-47. doi: 10.1007/s10552-012-9991-0. Epub 2012 May 22.

Presentations:

Connors-Biomedical Research Institute Center for Research on Women's Health and Gender Biology at the Biomedical Research Institute, Brigham and Women's Hospital, Boston, MA. "Workshop on Obesity and Sex Differences", September 2013. Electronic poster presentation. Body fatness during childhood and adolescence and risk of colorectal cancer in US women and men – Results from two large cohort studies. Xuehong Zhang; Edward L. Giovannucci; Kana Wu; Jing Ma; Charles S. Fuchs; Walter C. Willett; Meir J. Stampfer; Katharina Nimptsch; Shuji Ogino; **Esther K. Wei**.

American Association for Cancer Prevention (AACR) Frontiers in Cancer Prevention Annual Meeting. October, 2013. Gaylord National Resort and Conference Center, National Harbor, MD. Poster presentation. Body fatness during childhood and adolescence and risk of colorectal cancer in US women and men – Results from two large cohort studies. Xuehong Zhang; Edward L. Giovannucci; Kana Wu; Jing Ma; Charles S. Fuchs; Walter C. Willett; Meir J. Stampfer; Katharina Nimptsch; Shuji Ogino; **Esther K. Wei**.

Li-Xi Yang (MD, PhD), Senior Scientist

Publications:

Cao H, LE D, **Yang LX**. Current status in chemotherapy for advanced pancreatic adenocarcinoma. *Anticancer Res.* 2013 May;33(5):1785-91.

Cao H, Yamamoto K, **Yang LX**, Weber R. Brentuximab vedotin: first-line agent for advanced Hodgkin lymphoma. *Anticancer Res.* 2013 Sep;33(9):3879-85.

Oliai C, **Yang LX**. Radioprotectants to reduce the risk of radiation-induced carcinogenesis. *Int J Radiat Biol.* 2014 Mar;90(3):203-13.

Garret Yount (PhD), Scientist; Director of the Mind-Body Medicine Research Group

Publications:

Hollifield M, Moore D, **Yount G**. Gene expression analysis in combat veterans with and without post-traumatic stress disorder. *Mol Med Rep.* 2013 Jul;8(1):238-44.

Soroceanu L, Murase R, Limbad C, Singer E, Allison J, Adrados I, Kawamura R, Pakdel A, Fukuyo Y, Nguyen D, Khan S, Arauz R, **Yount G**, Moore DH, Desprez PY, McAllister SD. Id-1 is a key transcriptional regulator of glioblastoma aggressiveness and a novel therapeutic target. *Cancer Res.* 2013 Mar 1;73(5):1559-69.

Rachlin K, Moore DH, **Yount G**. Infrasound sensitizes human glioblastoma cells to cisplatin-induced apoptosis. *Integr Cancer Ther.* 2013 Nov;12(6):517-27.

Yount G, Patil S, Dave U, Alves-dos-Santos L, Gon K, Arauz R, Rachlin K. Evaluation of biofield treatment dose and distance in a model of cancer cell death. *J Altern Complement Med.* 2013 Feb;19(2):124-7.

Book Chapter:

Yount, G (2013) Energy Healing at the Frontier of Genomics. In D. Church & S. Marohn (Eds.), *Clinical EFT Handbook 1: A Definitive Resource for Practitioners, Scholars, Clinicians, and Researchers* (pp. 87-104). Fulton, CA: Energy Psychology Press.

Cardiology

Richard Hongo (MD), Cardiac Electrophysiologist, Assistant Director of the Electrophysiology Laboratory

Publications:

Santangeli P, Di Biase L, Themistoclakis S, Raviele A, Schweikert RA, Lakkireddy D, Mohanty P, Bai R, Mohanty S, Pump A, Beheiry S, **Hongo RH**, Sanchez JE, Gallinghouse GJ, Horton R, Dello Russo A, Casella M, Fassini G, Elayi CS, Burkhardt JD, Tondo C, Natale A. Catheter ablation of atrial fibrillation in hypertrophic cardiomyopathy: long-term outcomes and mechanisms of arrhythmia recurrence. *Circ Arrhythm Electrophysiol.* 2013 Dec;6(6):1089-94.

Ren X, Apostolakos C, Vo TH, Shaw RE, Shields K, Banki NM, Zuckermann DW, Flint AC, **Hongo RH**, Goldschlager NF. Remote monitoring of implantable pacemakers: in-office setup significantly improves successful data transmission. *Clin Cardiol.* 2013 Oct;36(10):634-7.

Elayi CS, Di Biase L, Bai R, Burkhardt JD, Mohanty P, Santangeli P, Sanchez J, **Hongo RH**, Gallinghouse GJ, Horton R, Bailey S, Beheiry S, Natale A. Administration of isoproterenol and adenosine to guide supplemental ablation after pulmonary vein antrum isolation. *J Cardiovasc Electrophysiol.* 2013 Nov;24(11):1199-206.

Peter Hui (MD), Cardiologist

Publication:

Kumar RS, Douglas PS, Peterson ED, Anstrom KJ, Dai D, Brennan JM, **Hui PY**, Booth ME, Messenger JC, Shaw RE. Effect of race and ethnicity on outcomes with drug-eluting and bare metal stents: results in 423 965 patients in the linked National Cardiovascular Data Registry and centers for Medicare & Medicaid services payer databases. *Circulation.* 2013 Apr 2;127(13):1395-403.

Andrea Natale (MD, FACC), Electrophysiologist

Publications:

Whitbeck MG, Charnigo RJ, Shah J, Morales G, Leung SW, Fornwalt B, Bailey AL, Ziada K, Sorrell VL, Zegarra MM, Thompson J, Hosn NA, Campbell CL, Gurley J, Anaya P, Booth DC, Biase LD, **Natale A**, Smyth S, Moliterno DJ, Elayi CS; the AFFIRM investigators. QRS duration predicts death and hospitalization among patients with atrial fibrillation irrespective of heart failure: evidence from the AFFIRM study. *Europace.* 2013 Dec 23. [Epub ahead of print]

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Richard Shaw (PhD), Director of Clinical Informatics and Reporting; Research Director of the Cardiology Fellowship Training Program

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Gastrointestinal Disorders

Yasser Bhat (MD), Medical Director of Esophageal Imaging and Therapy

Publications:

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Kenneth Binmoeller (MD), Interventional Endoscopy Program Director

Publications:

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Janak Shah (MD), Director of Pancreatic and Biliary Endoscopy

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William Snape (MD), Medical Director of the Center for Neurogastroenterology and Motility Services

Publications:

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Infectious Diseases

Shelley Gordon (MD, PhD), Chair of Infection Control

Publication:

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Liver Diseases

Maurizio Bonacini (MD), Transplant Hepatologist at the Hepatology and Gastroenterology Research Center

Publication:

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Stewart Cooper (MD), Senior Scientist; Chief, Division of Hepatology; Director of Research & Kalmanovitz Liver Immunology Laboratory

Publication:

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Timothy Davern (MD), Gastroenterologist/Hepatologist; Director of the Acute Liver Failure Program

Publication:

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Todd Frederick (MD), Director of Clinical Protocol Development and Liver Support Services at CPMC; Director of the Transplant Hepatology Fellowship Program

Publications:

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Shelley Gordon (MD, PhD), Chair of Infection Control

Publication:

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Jennifer Guy (MD), Director of the Liver Cancer Program

Publications:

Holt EW, **Guy J**, Gordon SM, Hofmann JC, Garcia-Kennedy R, Steady SL, Bzowej NH, Frederick RT. Acute liver failure caused by herpes simplex virus in a pregnant patient: is there a potential role for therapeutic plasma exchange? *J Clin Apher.* 2013 Dec;28(6):426-9.

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Assad Hassoun (MD, FACS), Surgical Director, Transplant Surgery

Presentation:

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Garrett Hisatake (MD, FACS), Surgeon

Publication:

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Edward Holt (MD), Director, Fatty Liver Disease Program; Transplant Hepatologist

Publications:

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Harish Mahanty (MD, FACS), Transplant Surgeon

Presentation:

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John Rabkin (MD), Bariatric Surgeon

Publication:

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Adil (Ed) Wakil (MD), Associate Chief, Division of Hepatology; Associate Director of the Kalmanovitz Liver Immunology Laboratory

Publication:

Publicover J, Gaggar A, Nishimura S, Van Horn CM, Goodsell A, Muench MO, Reinhardt RL, van Rooijen N, **Wakil AE**, Peters M, Cyster JG, Erle DJ, Rosenthal P, Cooper S, Baron JL. Age-dependent hepatic lymphoid organization directs successful immunity to hepatitis B. *J Clin Invest.* 2013 Sep 3;123(9):3728-39.

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Microvascular Surgery

Rudolf F. Buntic (MD), Chief of the Division of Microsurgery

Publication:

Lowenberg DW, **Buntic RF**, Buncke GM, Parrett BM. Long-term results and costs of muscle flap coverage with Ilizarov bone transport in lower limb salvage. *J Orthop Trauma.* 2013 Oct;27(10):576-81.

Mind-Body Medicine

Cassandra Vieten (PhD), Scientist

Publications:

Vieten C, Estrada, M., Cohen, A., Radin, D. & Schlitz, M.M. (submitted). Effects of Engaging in a Community-Based Integral Practice Program on Health and Well-Being. *Explore Journal* 2013.

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Books:

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Garret Yount (PhD), Scientist; Director of the Mind-Body Medicine Research Group

Publication:

Yount G, Rachlin K, Siegel J. Expressive arts therapy for hospitalized children: a pilot study measuring cortisol levels. *Pediatr Rep.* 2013 Jun 7;5(2):28-30.

Neuroscience

Nobl Barazangi (MD, PhD), Director of the Stroke/Neurocritical Care Research and Education Program

Publication:

Spokoyny I, Barazangi N, Jaramillo V, Rose J, Chen C, Wong C, Tong D. Reduced Clopidogrel Metabolism in a Multiethnic Population: Prevalence and Rates of Recurrent Cerebrovascular Events. *J Stroke Cerebrovasc Dis* 2013 Jul 11.

Presentations:

International Stroke Conference, 2013. Junior Investigator Oral Presentation: Expanding the Time Window for Acute Stroke Therapy in Ischemic Stroke Patients using CT Perfusion Imaging: PERFUSE-2 Study.

American Academy of Neurology Annual Meeting, 2013. Poster presentation: SOLID-SMART (SOLItaire Device using SMART Criteria): Using CT Perfusion to Select Patients for Embolectomy Following IV Thrombolysis. Poster presentation: Use of SMART IV Thrombolysis Criteria at Community Hospitals is Safe.

Neurocritical Care Society Annual Meeting, 2013. Poster presentation: Safety and Outcome of Patients Revascularized with the Trevo Stent Retriever Device \geq 8 Hours after Symptom Onset.

Jonathan Katz (MD), Director of Neuromuscular Research at the Forbes Norris MDA/ALS Research and Treatment Center

Publications:

Kim MO, Cali I, Oehler A, Fong JC, Wong K, See T, Katz JS, Gambetti P, Bettcher BM, Dearmond SJ, Geschwind MD. Genetic CJD with a novel E200G mutation in the prion protein gene and comparison with E200K mutation cases. *Acta Neuropathol Commun.* 2013 Dec 12;1(1):80.

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Kenneth Laxer (MD), Director of the Sutter Pacific Epilepsy Program

Publications:

Scanlon C, Mueller SG, Cheong I, Hartig M, Weiner MW, Laxer KD. Grey and white matter abnormalities in temporal lobe epilepsy with and without mesial temporal sclerosis. *J Neurol.* 2013 Sep;260(9):2320-9.

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Catherine Madison (MD), Neurologist; Director of the Brain Health Center

Publications:

Zhang Y, Schuff N, Camacho M, Chao LL, Fletcher TP, Yaffe K, Woolley SC, Madison C, Rosen HJ, Miller BL, Weiner MW. MRI markers for mild cognitive impairment: comparisons between white matter integrity and gray matter volume measurements. *PLoS One.* 2013 Jun 6;8(6):e66367.

Zhang R, Miller RG, Madison C, Jin X, Honrada R, Harris W, Katz J, Forshew DA, McGrath MS. Systemic immune system alterations in early stages of Alzheimer's disease. *J Neuroimmunol.* 2013 Mar 15;256(1-2):38-42.

Robert Miller (MD), Director of the Forbes Norris MDA/ALS Research and Treatment Center

Publications:

Miller RG, Brooks BR, Swain-Eng RJ, Basner RC, Carter GT, Casey P, Cohen AB, Dubinsky R, Forshew D, Jackson CE, Kasarskis E, Procaccini NJ, Sanjak M, Tolin FP. Quality improvement in neurology: Amyotrophic lateral sclerosis quality measures: Report of the Quality Measurement and Reporting Subcommittee of the American Academy of Neurology. *Neurology.* 2013 Dec 10;81(24):2136-40.

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Sherman AV, Gubitza AK, Al-Chalabi A, Bedlack R, Berry J, Conwit R, Harris BT, Horton DK, Kaufmann P, Leitner ML, Miller RG, Shefner J, Vonsattel JP, Mitsumoto H. Infrastructure resources for clinical research in amyotrophic lateral sclerosis. *Amyotroph Lateral Scler Frontotemporal Degener.* 2013 May;14 Suppl 1:53-61.

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Katzberg HD, Selegiman A, Guion L, Yuan N, Cho SC, Katz JS, Miller RG, So YT. Effects of noninvasive ventilation on sleep outcomes in amyotrophic lateral sclerosis. *J Clin Sleep Med.* 2013 Apr 15;9(4):345-51.

Turner MR, Hardiman O, Benatar M, Brooks BR, Chio A, de Carvalho M, Ince PG, Lin C, **Miller RG**, Mitsumoto H, Nicholson G, Ravits J, Shaw PJ, Swash M, Talbot K, Traynor BJ, Van den Berg LH, Veldink JH, Vucic S, Kiernan MC. Controversies and priorities in amyotrophic lateral sclerosis. *Lancet Neurol*. 2013 Mar;12(3):310-22.

Berry JD, **Miller RG**, Moore DH, Cudkowicz ME, van den Berg LH, Kerr DA, Dong Y, Ingersoll EW, Archibald D. The Combined Assessment of Function and Survival (CAFS): a new endpoint for ALS clinical trials. *Amyotroph Lateral Scler Frontotemporal Degener*. 2013 Apr;14(3):162-8.

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Presentation:

Miller RG, Block G, Gopalakrishnan V, McGrath M, Study Group NP001 Phase II. Additional follow-up and biomarker data from a phase II safety and preliminary efficacy trial of NP001: A novel immune regulator for slowing progression of ALS. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 2013; 14(Suppl. 2): 46. The AAN ALS Quality Measures 2013: a tool to enhance quality of care.

Dan Moore (PhD), Biostatistician

Publications:

Berry JD, Miller R, **Moore DH**, Cudkowicz ME, van den Berg LH, Kerr DA, Dong Y, Ingersoll EW, Archibald D. The Combined Assessment of Function and Survival (CAFS): a new endpoint for ALS clinical trials. *Amyotroph Lateral Scler Frontotemporal Degener*. 2013 Apr;14(3):162-8.

Henkel JS, Beers DR, Wen S, Rivera AL, Toennis KM, Appel JE, Zhao W, **Moore DH**, Powell SZ, Appel SH. Regulatory T-lymphocytes mediate amyotrophic lateral sclerosis progression and survival. *EMBO Mol Med*. 2013 Jan;5(1):64-79.

Karin L. Petersen (MD), Scientist; Director of the CPMCRI Clinical Research Fellowship Program

Publications:

Slagelse C, **Petersen KL**, Dahl JB, Finnerup K, Greene K, Leong SP, Levine J, Rowbotham M, Werner MU, Finnerup NB. Persistent postoperative pain and sensory changes following lymph node excision in melanoma patients: a topical review. *Melanoma Res*. Dec. 16, 2013.

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Reda H, Greene K, Rice FL, Rowbotham MC, **Petersen KL**. Natural history of herpes zoster: late follow-up of 3.9 years (n=43) and 7.7 years (n=10). *Pain* 2013;154(10):2227-33.

Werner MU, **Petersen KL**, Rowbotham MC, Dahl JB. Healthy volunteers can be phenotyped using cutaneous sensitization pain models. *PLoS One*. 2013 May 9;8(5):e62733.

Michael C. Rowbotham (MD), Senior Scientist; Scientific Director of CPMCRI; Sutter Health Research Enterprise Integration Leader – Basic Science; Sutter Health Research Enterprise Integration Leader – Clinical Trials

Publications:

Finnerup NB, Scholz J, Attal N, Baron R, Haanpaa M, Hansson P, Raja SN, Rice AS, Rief W, **Rowbotham MC**, Simpson DM, Treede RD. Neuropathic pain needs systematic classification. *Eur J Pain* 2013;17(7):953-956.

Rowbotham MC, Astin J, Greene K, Cummings SR. Interactive informed consent: randomized comparison with paper consents. *PLoS One* 2013;8(3):e58603.

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Smith SM, Wang AT, Katz NP, McDermott MP, Burke LB, Coplan P, Gilron I, Hertz SH, Lin AH, Rappaport BA, **Rowbotham MC**, Sampaio C, Sweeney M, Turk DC, Dworkin RH. Adverse event assessment, analysis, and reporting in recent published analgesic clinical trials: ACTTION systematic review and recommendations. *Pain* 2013;154(7):997-1008.

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Dworkin RH, Turk DC, Peirce-Sandner S, He H, McDermott MP, Farrar JT, Katz NP, Lin AH, Rappaport BA, **Rowbotham MC**. Assay sensitivity and study features in neuropathic pain trials: an ACTTION meta-analysis. *Neurology* 2013;81(1):67-75.

Reda H, Greene K, Rice FL, **Rowbotham MC**, Petersen KL. Natural history of herpes zoster: late follow-up of 3.9 years (n=43) and 7.7 years (n=10). *Pain* 2013;154(10):2227-2233.

Pereira MP, Werner MU, Ringsted TK, **Rowbotham MC**, Taylor BK, Dahl JB. Does naloxone reinstate secondary hyperalgesia in humans after resolution of a burn injury? A placebo-controlled, double-blind, randomized, cross-over study. *PLoS One* 2013;8(5):e64608.

Tzabazis A, Aparici CM, **Rowbotham MC**, Schneider MB, Etkin A, Yeomans DC. Shaped magnetic field pulses by multi-coil repetitive transcranial magnetic stimulation (rTMS) differentially modulate anterior cingulate cortex responses and pain in volunteers and fibromyalgia patients. *Mol Pain* 2013;9(1):33.

Smith SM, Wang AT, Pereira A, Chang RD, McKeown A, Greene K, **Rowbotham MC**, Burke LB, Coplan P, Gilron I, Hertz SH, Katz NP, Lin AH, McDermott MP, Papadopoulos EJ, Rappaport BA, Sweeney M, Turk DC, Dworkin RH. Discrepancies between registered and published primary outcome specifications in analgesic trials: ACTTION systematic review and recommendations. *Pain* 2013;154(12):2769-2774.

O'Connor AB, Turk DC, Dworkin RH, Katz NP, Colucci R, Haythornthwaite JA, Klein M, O'Brien C, Posner K, Rappaport BA, Reisfield G, Adams EH, Balster RL, Bigelow GE, Burke LB, Comer SD, Cone E, Cowan P, Denisco RA, Farrar JT, Foltin RW, Haddox JD, Hertz S, Jay GW, Junor R, Kopecky EA, Leiderman DB, McDermott MP, Palmer PP, Raja SN, Rauschkolb C, **Rowbotham MC**, Sampaio C, Setnik B, Smith SM, Sokolowska M, Stauffer JW, Walsh SL, Zacny JP. Abuse liability measures for use in analgesic clinical trials in patients with pain: IMMPACT recommendations. *Pain* 2013;154(11):2324-2334.

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Susan Woolley-Levine (PhD, ABPP), Clinical Neuropsychologist

Publication:

Zhang, Y, Schuff, N, Camacho, M, Chao, L, Fletcher, T, Yaffe, K, **Woolley, SC**, Madison, CA, Rosen, HJ, Miller, BJ, Weiner, MW. MRI markers for mild cognitive impairment: comparisons between white matter integrity and gray matter volume measurements. PLoS ONE 2013, 8(6): e66367.

Ophthalmology Research

Anne Fung (MD), Ophthalmologist

Publication:

Danis RP, Domalpally A, Chew EY, Clemons TE, Armstrong J, SanGiovanni JP, Ferris FL 3rd; **AREDS2 Study Group**. Methods and reproducibility of grading optimized digital color fundus photographs in the Age-Related Eye Disease Study 2 (AREDS2 Report Number 2). Invest Ophthalmol Vis Sci. 2013 Jul 8;54(7):4548-54.

Organ Transplant

William Bry (MD), Surgical Director of Kidney Transplantation

Presentations:

L Jaber, D John, K Ueda, **W Bry**, S Katznelson, VR Peddi. Paired Donation (PD) Problem Solving 101-A Single Center Protocol to Rapidly Facilitate Large Simultaneous Swaps. American Transplant Congress. Seattle, WA. May 2013.

14th World Congress of the International Pancreas and Islet Transplant Association, 2013. *Abstracts presented:*

Pancrease allograft thrombosis – every graft deserves a second chance. Mahanty H et al.

Simultaneous pancreas and kidney transplantation in a patient with sickle cell trait. Patel P et al. 11-year experience with simultaneous pancreas and kidney transplantation in patients with type 1 and type 2 diabetes at a single center. Patel P et al.

A cautionary tale: Bleeding duodenal segment varices from portosystemic shunting across bowel-drained simultaneous kidney pancreas transplant in a hepatitis C+ recipient. **Bry W** et al.

Elevated BMI does not affect outcome in Type II diabetics undergoing whole organ pancreas transplantation. **Bry W** et al.

V. Ram Peddi (MD), Transplant Nephrologist; Director of Transplant Clinical Research

Publication:

Peddi VR, Wiseman A, Chavin K, Slakey D. Review of combination therapy with mTOR inhibitors and tacrolimus minimization after transplantation. Transplant Rev. 2013 Oct;27(4):97-107.

Presentations:

H. Tedesco-Silva, **VR Peddi**, G. Russ, B. Marder, C. Hahn, H. Li, A. Flynn, S. Schulman. Open-Label Study of Planned Transition from Tacrolimus to Sirolimus vs Continued Tacrolimus in Renal Allograft Recipients: Demographics and Interim Safety Results. American Transplant Congress. Seattle, WA. May 2013.

K. Ueda, A. Wiland, K. McCague, **VR Peddi**. Efficacy and Safety of Corticosteroid Withdrawal (CSW) in Kidney Transplant Recipients during Routine Practice: A Prospective, 4-Year Analysis from the Mycophenolic Acid Observational Renal Transplant (MORE) Study. American Transplant Congress. Seattle, WA. May 2013.

L Jaber, D John, K Ueda, W Bry, S Katznelson, **VR Peddi**. Paired Donation (PD) Problem Solving 101-A Single Center Protocol to Rapidly Facilitate Large Simultaneous Swaps. American Transplant Congress. Seattle, WA. May 2013.

W Bry, **VR Peddi**, H Mahanty, A Hassoun, S Katznelson, P Patel, L Bohannon, L Lu, N Neidlinger, K Ueda, R Osorio. Dual Kidney Transplantation Reduces Organ Wastage and Increases the Number of Kidney Transplants Available to Elderly Candidates. American Transplant Congress. Seattle, WA. May 2013.

JM Morales, H. Tedesco-Silva, **VR Peddi** (presenting author), G. Russ, B. Marder, C. Hahn, H. Li, A. Flynn, S. Schulman. Open-Label Study of Planned Transition from Tacrolimus to Sirolimus vs Continued Tacrolimus in Renal Allograft Recipients: Demographics and Interim Safety Results. European Society of Organ Transplantation Annual Meeting. Vienna, Austria September 2013.

Minnie Sarwal (MD, PhD), Scientist

Publications:

Chaudhuri, A., Ozawa, M., Everly, M.J., Ettenger, R., Dharnidharka, V., Benfield, M., Mathias, R., Portale, A., McDonald, R., Harmon, W., et al. The clinical impact of humoral immunity in pediatric renal transplantation. Journal of the American Society of Nephrology 2013;JASN 24, 655-664.

Keslar, K.S., Lin, M., Zmijewska, A.A., Sigdel, T.K., Tran, T.Q., Ma, L., Bhasin, M., Rao, P., Ding, R., Ikle, D.N., et al. Multicenter evaluation of a standardized protocol for noninvasive gene expression profiling. American Journal of Transplantation 2013;13, 1891-1897.

Khatri, P., Roedder, S., Kimura, N., De Vusser, K., Morgan, A.A., Gong, Y., Fischbein, M.P., Robbins, R.C., Naesens, M., Butte, A.J., and **Sarwal, M.M.** A common rejection module (CRM) for acute rejection across multiple organs identifies novel therapeutics for organ transplantation. The Journal of Experimental Medicine 2013;210, 2205-2221.

Kohrt, H.E., Tian, L., Li, L., Alizadeh, A.A., Hsieh, S., Tibshirani, R.J., Strober, S., **Sarwal, M.**, and Lowsky, R. Identification of gene microarray expression profiles in patients with chronic graft-versus-host disease following allogeneic hematopoietic cell transplantation. Clinical Immunology 2013;148, 124-135.

Li, L., Khush, K., Hsieh, S.C., Ying, L., Luikart, H., Sigdel, T., Roedder, S., Yang, A., Valentine, H., and **Sarwal, M.M.** Identification of common blood gene signatures for the diagnosis of renal and cardiac acute allograft rejection. PloS One 2013;8, e82153.

Roedder, S., Kimura, N., Okamura, H., Hsieh, S.C., Gong, Y., and **Sarwal, M.M.** Significance and suppression of redundant IL17 responses in acute allograft rejection by bioinformatics based drug repositioning of fenofibrate. PloS One 2013;8, e56657.

Sarwal, M.M., and Bagga, A. Quality of life after organ transplantation in children. Current Opinion in Organ Transplantation 2013 Aug 29. [Epub ahead of print].

Sigdel, T.K., and **Sarwal, M.M.** Discovery and customized validation of antibody targets by protein arrays and indirect ELISA. Methods in Molecular Biology 2013a;1034, 373-384.

Sigdel, T.K., and **Sarwal, M.M.** Moving beyond HLA: a review of nHLA antibodies in organ transplantation. Human Immunology 2013b;74, 1486-1490.

Sigdel, T.K., Shoemaker, L.D., Chen, R., Li, L., Butte, A.J., **Sarwal, M.M.**, and Steinberg, G.K. Immune response profiling identifies autoantibodies specific to Moyamoya patients. Orphanet Journal of Rare Diseases 2013a;8, 45.

Sigdel, T.K., Vitalone, M.J., Tran, T.Q., Dai, H., Hsieh, S.C., Salvatierra, O., and **Sarwal, M.M.** A rapid noninvasive assay for the detection of renal transplant injury. Transplantation 2013b;96, 97-101.

Book Chapters:

Detrick et al and **Sarwal MM** "Manual of Molecular and Clinical Laboratory Immunology", 8th Edition (Sep 30, 2013).

Sarwal MM et al. ANR Agence Nationale de la Recherche (2013).

Sarwal MM, Sigdel TK. Discovery and customized Validation of Antibody Targets by Protein Arrays and Indirect ELISA. Book Chapter on Protein Array.

Sarwal MM, Bagga A. Current Opinion in Organ Transplantation 2013. Quality of Life after Organ Transplantation in Children.

Sarwal MM, Shapiro R. Oxford Textbook of Clinical Nephrology OTCN 2013: Clinical Trials in Pediatric Transplantation. Butte A, Sigdel T and Sarwal MM "Molecular and Cellular Protoemics " (accepted).

Presentations (all below were abstracts):

"Gene Signature of Tolerance and Clinical Liver Transplantation" ILTS 2013, Sydney, Australia. May 2013.

New Frontiers in Pediatric Transplantation: "CNI Minimization of Steroid Minimization, which is optimal for Children?" ATC 2013, Seattle, Washington. May 2013.

"B Cells, friends or foes?" French Transplant Meeting, Beaune, France. May 2013.

"Non-invasive diagnosis of solid organ transplant rejection" Sociedad Espanola de Trasplante, Seville, Spain. April 2013.

"Management of recurrent glomerulosclerosis after transplantation" TTS 2013, Cambridge, UK. April 2013.

Tara Sigdel (PhD), Associate Scientist

Publications:

Chaudhuri, A., Ozawa, M., Everly, M.J., Ettenger, R., Dharnidharka, V., Benfield, M., Mathias, R., Portale, A., McDonald, R., Harmon, W., et al. The clinical impact of humoral immunity in pediatric renal transplantation. Journal of the American Society of Nephrology 2013;JASN 24, 655-664.

Keslar, K.S., Lin, M., Zmijewska, A.A., **Sigdel, T.K.**, Tran, T.Q., Ma, L., Bhasin, M., Rao, P., Ding, R., Ikle, D.N., et al. Multicenter evaluation of a standardized protocol for noninvasive gene expression profiling. American Journal of Transplantation 2013;13, 1891-1897.

Li, L., Khush, K., Hsieh, S.C., Ying, L., Luikart, H., **Sigdel, T.**, Roedder, S., Yang, A., Valantine, H., and Sarwal, M.M. Identification of common blood gene signatures for the diagnosis of renal and cardiac acute allograft rejection. PloS One 2013; 8, e82153.

Sigdel, T.K., and Sarwal, M.M. Discovery and customized validation of antibody targets by protein arrays and indirect ELISA. Methods in Molecular Biology 2013a;1034, 373-384.

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Sigdel, T.K., Shoemaker, L.D., Chen, R., Li, L., Butte, A.J., Sarwal, M.M., and Steinberg, G.K. Immune response profiling identifies autoantibodies specific to Moyamoya patients. Orphanet Journal of Rare Diseases 2013a; 8, 45.

Sigdel, T.K., Vitalone, M.J., Tran, T.Q., Dai, H., Hsieh, S.C., Salvatierra, O., and Sarwal, M.M. A rapid noninvasive assay for the detection of renal transplant injury. Transplantation 2013b;96, 97-101.

Kimi Ueda (PharmD, BCPS), Kidney/Pancreas Transplant Pharmacist

Publication:

Langone, Anthony; Doria, Cataldo; Greenstein, Stuart; Narayanan, Mohanram; **Ueda, Kimi**; Sankari, Bashir; Pankewycz, Oleh; Shihab, Fuad; Chan, Laurence. Does reduction of mycophenolic acid dose compromise efficacy

regardless of tacrolimus exposure level? An analysis of prospective data from the Mycophenolic Renal Transplant (MORE) Registry. Clin Transplant 2013;27(1):15-24.

Presentations:

Lana Jaber, Donyale John, **Kimi Ueda**, William Bry, Steven Katznelson and V Ram Peddi. Paired Donation (PD) Problem Solving 101-A Single Center Protocol to Rapidly Facilitate Large Simultaneous Swaps. American Transplant Congress. Seattle, WA. May 20, 2013. Poster.

William I Bry, MD, V. Ram Peddi, MD, Harish Mahanty, MD, Assad Hassoun, MD, Steven Katznelson, MD, Parul Patel, MD, Lawrence Bohannon, MD, Lawrence Lu, MD, Nikole Neidlinger, MD, **Kimi Ueda**, PharmD and Robert Osorio, MD. Dual Kidney Transplantation Reduces Organ Wastage and Increases the Number of Kidney Transplants Available to Elderly Candidates. American Transplant Congress. Seattle, WA. May 21, 2013. Poster.

Kimi Ueda, Anne Wiland, Kevin McCague and V. Ram Peddi. Efficacy and Safety of Corticosteroid Withdrawal (CSW) in Kidney Transplant Recipients during Routine Practice: A Prospective, 4-Year Analysis from the Mycophenolic Acid Observational Renal Transplant (MORE) Study. American Transplant Congress. Seattle, WA. May 19, 2013. Poster.

Steven Gabardi, Rosemary Cross, Kelly DePiero, Travis Dick, Kara Ferguson, Erin Newkirk, Jeong Park, Eric Tichy, **Kimi Ueda**, Renee Weng, Seth Heldenbrand. Prevention of Cytomegalovirus with Valganciclovir 450 mg Daily vs. 900 mg Daily in Intermediate Risk Renal Transplant Recipients (D-/R+); a Multicenter Safety and Efficacy Evaluation. American Transplant Congress. Seattle, WA. May 18, 2013. Poster.

Steven Gabardi, Rosemary Cross, Kelly DePiero, Travis Dick, Kara Ferguson, Erin Newkirk, Jeong Park, Eric Tichy, **Kimi Ueda**, Renee Weng, Seth Heldenbrand. Multicenter Evaluation of Efficacy and Safety of Valganciclovir 450 mg/day vs. 900 mg/day for Prevention of Cytomegalovirus Disease in Donor and Recipient Positive (D+/R+) Renal Transplant Recipients. American Transplant Congress. Seattle, WA. May 19, 2013. Oral Presentation.

Steven Gabardi, Rosemary Cross, Kelly DePiero, Travis Dick, Angela Maldonado, Pamela Maxwell, Joelle Nelson, Jeong Park, **Kimi Ueda**, Renee Weng, Erin Newkirk. Efficacy and Safety of 3 vs. 6 Months of Low-Dose Valganciclovir for Prevention of Cytomegalovirus Disease in Moderate-Risk (D+/R+) Renal Transplant Recipients Receiving Antilymphocyte Antibody Induction Therapy. American Transplant Congress. Seattle, WA. May 19, 2013. Oral Presentation.

V. Ram Peddi, **Kimi Ueda**, Anne Wiland, Kevin McCague. Can Steroids Be Withdrawn Safely in Routine Practice? Prospective, Four-Year Data from the Mycophenolic Acid Observational Renal Transplant (MORE) Study. American Society of Nephrology Kidney Week. Atlanta, GA. November 9, 2013. Poster.

Kimi Ueda, Anne Wiland, Kevin McCague, V Ram Peddi. Corticosteroid withdrawal after kidney transplantation: Four-year real-world efficacy and safety outcomes from the prospective Mycophenolic Acid Observational Renal Transplant (MORE) study. American College of Clinical Pharmacy Annual Meeting, Albuquerque, NM. October 15, 2013. Poster.

Thinh Luong, **Kimi Ueda**. A Closer Look at Outcomes in Kidney Transplant Recipients Discharged Early Post-Transplant. American College of Clinical Pharmacy Annual Meeting, Albuquerque, NM. October 15, 2013. Poster.

Pulmonology/Critical Care

Benson Chen (MD), Associate Program Director of the Pulmonary and Critical Care Medicine Fellowship Program

Publications:

Wang HL, Aguilera C, Knopf KB, **Chen TM**, Maslove DM, Kushner WG. Thrombocytopenia in the intensive care unit. J Intensive Care Med. 2013 Sep-Oct;28(5):268-80.

Chen TM, Malli H, Maslove DM, Wang H, Kushner WG. Toxic inhalational exposures. J Intensive Care Med. 2013 Nov-Dec;28(6):323-33.

George Horng (MD), Division Chief of Pulmonary and Critical Care Medicine

Presentation:

Developing a non-invasive, diagnostic test for stage I non-small cell lung cancer using circulating tumor cells. Poster presentation at American Association for Cancer Research May 2013.

Sean R. Townsend (MD), Vice President of Quality & Safety

Publications:

Dellinger RP, **Townsend SR**. Rebuttal from Drs Dellinger and Townsend. Chest. 2013 Aug;144(2):378-9.

Dellinger RP, **Townsend SR**. Point: Are the best patient outcomes achieved when ICU bundles are rigorously adhered to? Yes. Chest. 2013 Aug;144(2):372-4.

Dellinger RP, Levy MM, Rhodes A, Annane D, Gerlach H, Opal SM, Sevransky JE, Sprung CL, Douglas IS, Jaeschke R, Osborn TM, Nunnally ME, **Townsend SR**, Reinhart K, Kleinpell RM, Angus DC, Deutschman CS, Machado FR, Rubenfeld GD, Webb SA, Beale RJ, Vincent JL, Moreno R; Surviving Sepsis Campaign Guidelines Committee including the Pediatric Subgroup. Surviving sepsis campaign: international guidelines for management of severe sepsis and septic shock: 2012. Crit Care Med. 2013 Feb;41(2):580-637.

Helena Wang (MD), Associate Program Director of the Pulmonary and Critical Care Medicine Fellowship Program

Publications:

Chen TM, Malli H, Maslove DM, **Wang H**, Kuschner WG. Toxic inhalational exposures. J Intensive Care Med. 2013 Nov-Dec;28(6):323-33.

Wang H, Aguilera C, Knopf KB, Chen TM, Maslove DM, Kuschner WG. Thrombocytopenia in the intensive care unit. J Intensive Care Med. 2013 Sep-Oct;28(5):268-80.

Maslove DM, Chen BT, **Wang H**, Kuschner WG. The diagnosis and management of pleural effusions in the ICU. J Intensive Care Med. 2013 Jan-Feb;28(1):24-36.

San Francisco Coordinating Center

Terri Blackwell (MA), Senior Statistician

Publications:

Cawthon PM, **Blackwell TL**, Cauley JA, Ensrud KE, Dam TT, Harrison SL, Peters KW, Mackey DC. Objective assessment of activity, energy expenditure, and functional limitations in older men: the osteoporotic fractures in men study. J Gerontol A Biol Sci Med Sci. 2013 Dec;68(12):1518-24.

Rao MN, **Blackwell TL**, Redline S, Punjabi NM, Barrett-Connor E, Neylan TC, Stone KL; Osteoporotic Fractures in Men (MrOS) Study Group. Association between Sleep Duration and 24-Hour Urine Free Cortisol in the MrOS Sleep Study. PLoS One. 2013 Sep 27;8(9):e75205.

Paudel M, Taylor BC, Ancoli-Israel S, **Blackwell TL**, Maglione JE, Stone K, Redline S, Ensrud KE. Sleep Disturbances and Risk of Depression in Older Men. Sleep. 2013 Jul 1;36(7):1033-1040.

Ettinger B, Ensrud KE, **Blackwell TL**, Curtis JR, Lapidus JA, Orwoll ES; Osteoporotic Fracture in Men (MrOS) Study Research Group. Performance of FRAX in a cohort of community-dwelling, ambulatory older men: the Osteoporotic Fractures in Men (MrOS) study. Osteoporos Int. 2013 Apr;24(4):1185-93.

Evans DS, Parimi N, Nievergelt CM, **Blackwell TL**, Redline S, Ancoli-Israel S, Orwoll ES, Cummings SR, Stone KL, Tranah GJ; Study of Osteoporotic Fractures (SOF) and the Osteoporotic Fractures in Men (MrOS) Study Groups. Common Genetic Variants in ARNTL and NPAS2 and at Chromosome 12p13 are Associated with Objectively Measured Sleep Traits in the Elderly. Sleep. 2013 Mar 1;36(3):431-46.

Presentation:

Associated Professional Sleep Societies Meeting (Sleep). Baltimore, Maryland. June 2013.

Poster Presentations:

Relationship Between Obstructive Airway Disease and Sleep Disordered Breathing in Older Men: The MrOS Sleep Study. TA Omachi, S Redline, **T Blackwell**, KE Ensrud, KL Stone for the Osteoporotic Fractures in Men (MrOS) Study Group.

Examining the Level of Disruption of Sleep on Nights when Polysomnography is Performed: The MrOS Sleep Study. **T. Blackwell**, M. Paudel, S. Redline, S. Ancoli-Israel, K.L. Stone for the Osteoporotic Fractures in Men (MrOS) Study Group.

Direct Comparison of Two Models of Actigraphs: The MrOS Sleep Study. **T. Blackwell**, S. Ancoli-Israel, S. Redline, K.L. Stone for the Osteoporotic Fractures in Men (MrOS) Study Group.

Peggy Cawthon (PhD, MPH), Scientist

Publications:

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Steven Cummings (MD), Senior Scientist; Director of the San Francisco Coordinating Center

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Presentations:

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“Long-term efficacy of bisphosphonates” and “Effects of aging on muscle and bone” and Clinical Debate: “This house believes that bisphosphonate treatment of patients with osteoporosis should be stopped after 5 years,” 2nd Joint Meeting of IBMS and JSBMR, Kobe, Japan, May 28-June 1, 2013.

“Treat to Target” and “The External Validity of Clinical Trials to Clinical Practice,” Irish Osteoporosis Society, Dublin, Ireland, Sept. 11, 2013.

“Personalized Medicine for Prevention of Fracture,” Symposium Lecture, ASBMR Annual Meeting, Baltimore, Maryland, Oct. 4, 2013.

Dan Evans (PhD), Assistant Scientist

Publications:

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Stephanie Harrison (MPH), Senior Statistician

Publications:

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Arnold Kahn (PhD), Senior Scientist

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Li-Yung Lui (MA, MS), Statistician

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Katherine Peters (MS), Statistical Analyst

Publications:

Cawthon PM, Blackwell TL, Cauley JA, Ensrud KE, Dam TT, Harrison SL, **Peters KW**, Mackey DC. Objective assessment of activity, energy expenditure, and functional limitations in older men: the Osteoporotic Fractures in Men study. *J Gerontol A Biol Sci Med Sci*. 2013 Dec;68(12):1518-24.

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Katie Stone (PhD), Senior Scientist

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Gregory Tranah (PhD), Scientist

Publications:

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Brandon Lu (MD), Medical Director of Sutter Pacific Medical Foundation's Sleep Health Center

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John Astin (PhD), Scientist

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