

**2018 Carbone Cancer Center
Research Retreat
Scientific Poster Session**

Poster number	Presenter		Title	Authors
1	Acevedo	Suehelay	Elucidating the Metabolic Crosstalk between Lymphatic Endothelial Cells and Breast Cancer using 1H NMR Metabolomics	Suehelay Acevedo-Acevedo, Douglas C. Millar, and Sean P. Palecek
1	Alharbi	Yousef	Antibody conjugated-cardiac glycosides as potent and highly selective agents for treatment of ovarian cancer	Yousef Alharbi, Arvinder Kapur, Bikash Pattnaik, James Prudent, David Marshall, Mildred Felder, Manish Patankar
2	Al Mukaddim	Rashid	Feasibility study of cardiac strain imaging in a murine model of myocardial ischemia.	Rashid Al Mukaddim, Kayvan Samimi, Allison Rodgers, Timothy A Hacker, Tomy Varghese
2	Al Mukaddim	Rashid	Assessment of Ischemic Myocardial Dynamics using in-vivo Photoacoustic Imaging	Rashid Al Mukaddim, Allison Rodgers, Timothy A Hacker, Andrew Heinmiller, Tomy Varghese
3	Antoine	Allison	Wisconsin's Collaborative Approach to Increase Colorectal Cancer Screening	Noelle K. LoConte, MD and Allison Antoine
3	Arroyo	Natalia	Disparities in Time to Treatment in Breast Cancer Patients in the National Cancer Database, 2004-2013	Arroyo NA, Hampton JM, Gangnon RE, Sprague BL, Stout NK, Alagoz O, Greenberg CC, Burnside ES, Trentham-Dietz A
4	Asimakopoulos	Fotis	Versican (VCAN) Proteolysis Predicts T-Cell Infiltration in Myeloma Post- Autologous Stem Cell Transplant (ASCT)	Adam Pagenkopf, Binod Dhakal, Chelsea Hope, Athanasios Papadas, Michael G. Johnson, Bradley Nagel, Elena Kurudza1, Samik Partha, Bianca Ruffolo, Catherine Leith, Peiman Hematti, Shigeki Miyamoto, Parameswaran Hari, Natalie Callander, Fotis Asimakopoulos
4	Bade	Rory	Multi-marker capture and analysis of circulating tumor cells in renal cell carcinoma	Rory M. Bade, Benjamin K. Gibbs, Jamie M. Sperger, Christos Kyriakopolous, Hamid Emamekhoo, Rana R. McKay, Toni K. Choueiri, Joshua M. Lang
5	Behrens	Ryan	Editing host factors to silence HIV-1 gene expression in T cells	Ryan T. Behrens, Edward L. Evans III, James W. Bruce, Paul Ahlquist, Nathan M. Sherer
5	Bhattacharya	Saswati	Novel Androgen Receptor Inhibitors in Triple Negative Breast Cancer	Saswati Bhattacharya, Yuanqi Cai, Steven Kurina, Pamela R. Westmark, Benjamin O'Brien-Hokanson, Matthew Anderson, Sahar Kandil, Andrew D. Westwell and Ruth O'Regan
6*	Barroilhet	Lisa	Neoadjuvant chemotherapy is associated with increased anemia and blood transfusions as compared to primary debulking surgery in women with advanced ovarian cancer	Andrea S O'Shea MD, Kevin W McCool MD PhD, Ross F Harrison MD, Emmanuel Sampene PhD, Joseph P Conner MD, Lisa M Barroilhet MD
7	Bruce	James	HIV-1 transcription repression by cellular factor ZBTB2 is regulated by the DNA damage response	James Bruce, Megan Bracken, Ginger Pocock, Nate Sherer and Paul Ahlquist
7	Bu	Jiyeon	Highly Sensitive Detection of Circulating Tumor Cells Based on a Synergetic Effect of Cell Rolling & Multivalent Binding for Monitoring Patient Response to Radiotherapy	Ja Hye Myung, Sin-Jung Park, Michael J. Poellman, Jiyeon Bu, Michael J. Eblan, Andrew Z. Wang, and Seungpyo Hong
8	Carlson	Peter	Molecular targeted alkyl phosphocholine-mediated radiotherapy synergies with immunotherapy for potent in situ vaccination in a syngeneic murine melanoma model	Peter M Carlson, Joseph Grudzinski, Reinier Hernandez, Ian R Marsh, Ravi Patel, Clinton Heinze, Stephen D Gillies, Hans Loibner, Alexander L Rakhmilevich, Mario Otto, Bryan Bednarz, Jamey Weichert, Paul M Sondel, Zachary S Morris
8	Carroll	Molly	Computational methods and novel in vitro model elucidate a therapeutic target against ovarian cancer metastasis	Molly J. Carroll, Kaitlin C. Fogg, Harin A. Patel, Anne-Sophie Mancha, Manish S. Patankar, Pamela K. Kreeger

9	Cesnik	Anthony	Long Noncoding RNAs AC009014.3 and Newly Discovered XPLAID Differentiate Aggressive and Indolent Prostate Cancers	Anthony J. Cesnik, Bing Yang, Andrew Truong, Tyler Etheridge, Michele Spiniello, Maisie I. Steinbrink, Michael R. Shortreed, Brian L. Frey, David F. Jarrard, and Lloyd M. Smith
9	Chack	Aaron	A laboratory/machine learning based comparative genomics model accurately predicts breast cancer in a human cohort	Kirsten L. Dennison, Aaron C. Chack, Nicholas S. Escanilla, C. David Page, James D. Shull
10	Chepikova	Olga	Lysine Oxidase Exposes a Targetable Liability in Triple-Negative Breast Cancer Cells by Inducing the Antioxidant Enzyme Thioredoxin Reductase 1	Olga Chepikova, Dmitry Malin, Andrey Zamyatnin, Vincent L. Cryns ¹
10	Chhabra	Gagan	PLK1 phosphorylates Numb and promotes EMT in melanoma	Gagan Chhabra, Chandra K. Singh, Mary A. Ndiaye, Nihal Ahmad
11	Choi	Yun Hwa	Enhanced PD-1/PD-L1 Binding Kinetics via Dendrimer-mediated Multivalent Binding Effect	Yun Hwa Choi, Sin-Jung Park, Michael Poellmann, and Seungpyo Hong
11	Conklin	Matthew	Evidence that collagen fibers may be a fingerprint of future breast cancer incidence.	Ryan J. Gigstad, Kevin W. Eliceiri, Yuming Liu, Adib Keikhosravi, Tianjie Wang, Menggang Yu, Patricia J. Keely, Matthew W. Conklin
12	Cordes	Blue-leaf	Hypoxia Mimetics Target EBV-Positive Gastric Cancer Cells in Lytic Induction Therapy	Blue-leaf A Cordes, Richard J Kraus, Andrea Bilger, James C Romero-Masters, Parita A Patel, Paul F Lambert, Shannon C Kenney, and Janet E Mertz
12	Date	Preshita	Active Living After Cancer: Building a Physical Activity Intervention into Clinical Care for Breast and Colorectal Cancer Survivors in Wisconsin	Preshita Date, Lisa Cadmus-Bertram, Brittany Van Remortel, Amye Tevaarwerk
13	Denu	Ryan	Survey of radon testing and mitigation in Wisconsin homes, rental properties, and schools	Ryan A. Denu, Noah M. Jacobs, John K. Krebsbach, Amber L. Schmaling, Noelle LoConte
13	Denu	Ryan	Centrosome amplification in cancer disrupts autophagy and sensitizes to autophagy inhibition;	Ryan A. Denu, Mark E. Burkard; Poster
14*	Dennison	Kirsten	A laboratory/machine learning based comparative genomics model accurately predicts breast cancer in a human cohort	Kirsten L Dennison, Aaron C Chack, Nicholas S Escanilla, C David Page, James D Shull
15	de Oliveira	Sofia	High cholesterol diet regulates macrophage polarization and early progression in a zebrafish model of NAFLD-associated HCC	Sofia de Oliveira, PhD, Ruth Houseright, DVM, DACVP Alyssa L. Graves, Netta Golenberg, Benjamin G. Korte, Veronika Miskolci, Anna Huttenlocher, MD
15	Doubleday	Amanda	The Quality and Content of Internet Resources for Thyroid Cancer Patients	Amanda R. Doubleday, DO, MBA; Sherwin Novin BS; Megan Saucke, MA; Kristin L. Long, MD; David F. Schneider, MD, MS; Rebecca S. Sippel, MD; Susan C. Pitt, MD, MPHS
16	Ericksen	Spencer	Consensus Approaches Improve Performance of Structure-Based Virtual Screening	Spencer S. Ericksen, Scott A. Wildman, Kenneth A. Satyshur, Haozhen Wu, Huikun Zhang, Lauren A. Michael, Michael A. Newton, and F. Michael Hoffmann
16	Facchetti V Assumpcao	Anna Luiza	An inhibitor of NEDD8-activating enzyme, is a new approach to treat canine diffuse large B cell lymphoma	Anna L. F. V. Assumpcao, Zhanping Lu, Katelyn Marlowe, Kimberly S. Shaffer, and Xuan Pan
17*	Emmerich	Philip	Versican proteolysis: A novel immunostimulatory component of CD8+ T cell responses to colorectal cancer	Philip B. Emmerich, Susan N. Payne, Connor J. Maloney, Rosabella T. Pitera, Hanna Rainiero, Gioia Sha, Athanasios T. Papadas, Adam C. Pagenkopf, Michael F. Bassetti, Kristina A. Matkowskyj, Fotis Asimakopoulos, Dustin A. Deming.
18	Fain	Sean	In vivo Quantification of Human NK Cells In Vivo by 19F MRI	Kai Ludwig, Myriam Bouchlaka, Jeremy Gordon, Christian Capitini, Sean Fain
18	Gant	Kristal	Using Collagen Remodeling, Deposition, and Gene Expression as BioMarkers for Ovarian Cancer Development and Progression	Kristal L. Gant, Darian James, Ronny Drapkin, Paul J. Campagnola, and Manish S. Patankar
19	Garcia	Liz	The effects of Sirtuin 6 inhibition on autophagy-related pathways in melanoma	Liz M. Garcia, Mary A. Ndiaye, Chandra K. Singh, Gagan Chhabra and Nihal Ahmad

19	Gorzelitz	Jessica	Longitudinal physical activity assessment in post-surgical gynecologic cancer patients	Jessica Gorzelitz, Erin Costanzo, Ryan Spencer, Meredith Rumble, Stephen Rose, Lisa Cadmus-Bertram
20*	Fredrick	Cody	A Community Based Research Project to Reduce Rural Cancer Disparities	Cody Fredrick, MPH; Amanda Eggen, PhD; Amy Amessoudji, MSPH, CCRC; Tracy M Downs, MD, FACS; Elizabeth Jacobs, MD, MPP
21*	Fricke	Stephanie	MTORC1/2 inhibition in combination with BCL-2/BCL-xL inhibition in APC and PIK3CA mutant colorectal cancer	Stephanie L. Fricke, Susan N. Payne, Cheri A. Pasch, Demetra P. Korkos, Gioia Sha, Alex E. Yueh, Christopher Babiarz, Linda Clipson, Kristina A. Matkowskyj, Michael A. Newton, Dustin A. Deming
22*	Gahvari	Zhubin	Prognostic Significance of Circulating IL-6, Tnfa, and IL-10 for Multiple Myeloma Patients Undergoing Autologous Peripheral Blood Stem Cell Transplantation	Zhubin J. Gahvari, MD, Natalie S. Callander, MD, Christopher L. Coe, PhD, Paul Rathouz, PhD, Colin Longhurst, MS, Mark B. Juckett, MD, Fotis Asimakopoulos, MBBChir, PhD, Peiman Hematti, MD, and Erin S. Costanzo, PhD
23*	Gahvari	Zhubin	Fever in Multiple Myeloma Patients Undergoing Autologous Peripheral Blood Stem Cell Transplantation"	Zhubin J. Gahvari, MD, Jens Eickhoff, PhD, Aric C. Hall, MD, Peiman Hematti, MD, Mark B. Juckett, MD, Vaishalee P. Kenkre, MD, Walter L. Longo, MD, and Natalie S. Callander, MD
24	Grudzinski	Joseph	Monte Carlo based Internal Dosimetry for Molecularly Targeted Radionuclide Therapy in Preclinical Head and Neck Cancer Murine Xenograft Models	Ian R Marsh, Joe J Grudzinski, Chunrong Li, Reinier Hernandez, Justin J Jeffery, Jamey P Weichert, Paul M Harari, Bryan Bednarz
24	Hank	Jackie	Pre-existing anti-therapeutic antibodies against Fc region determinants shared by rituximab and Hu14.18K322A are associated with outcome in a phase I trial of hu14.18K322A	JA Hank, JL Goldberg, F Navid, AK, Erbe, V Santana, A Hoefges, L Charmichael, M Bishop, M Meager, S Gillies, JP Pandey, PM Sondel
25	Heaster	Tiffany	Quantitative cell-level spatial analysis of tumor metabolism	Tiffany M. Heaster, Bennett A. Landman, Melissa C. Skala
25	Helzer	Kyle	Defining the Phosphorylated ERα Cistrome	Kyle P. Helzer, Mary C. O'Leary, Natalina Colonna, Walter G. Meyer, Nancy A. Benkusky, Christopher L. Warren, J. Wesley Pike, Elaine T. Alarid
26	Hyman	Leland	Circulating Tumor Cell Detection Via High-Throughput Transcriptional Profiling	Leland Hyman & Philip Romero
26	James	Taryn	Bisphenol-A Induces Estrogen Receptor Alpha And Beta Signaling In Human Prostate Cells	Taryn T. James, Jalissa L. Wynder, Teresa T. Liu, Wei Xu, William A. Ricke
27	Kerch	Sarah	Using Survivorship Data to inform Partnership Priorities	Jeanne Strickland, Xiao Zhang, Amy Conlon and Noelle LoConte
27	Kimple	Randy	Testing personalized medicine using patient-derived xenografts of head and neck cancer	Lindsey Abel, Kwang P. Nickel, Rong Hu, Justine Bruce, Greg Hartig, Tim McCulloch, Aaron Wieland, Randall J Kimple
28	Kratz	Jeremy	Feasibility of Patient-derived Organotypic Spheroid Cultures in Non-Small Cell Lung Cancer	Jeremy D. Kratz, Amani A. Gillette, Cheri A. Pasch, Kayla K. Lemmon, Mark E. Burkard, Melissa A. Skala, Dustin A. Deming, Ticiana B. Leal
28	Kratz	Jeremy	Metastatic Bulk Independently Predicts Outcomes for Precision Targeting in Late-Line Colorectal Cancer	Jeremy D. Kratz, Nataliya V. Uboha, Sam J. Lubner, Daniel L. Mulkerin, Linda J. Clipson, Yanyao Yi, Menggang Yu, Kristina A. Matkowskyj, Noelle K. LoConte, Dustin A. Deming
29	Kumar	Manoj	18F-Fluoroestradiol Imaging of Estrogen Receptor Alpha Gene Mutation Y537S in Breast Cancer	Manoj Kumar, Kelley Salem, Ciara Michel, Justin Jeffery, Yongjun Yan, Amy M. Fowler
29	Li	Chunrong	Therapeutic Combination of CLR1404 with XRT in Head and Neck Cancer	Chunrong Li, Jenna M Mylin, Jamey P Weichert, Justin J Jeffery, Ashley M Weichmann, Kwang P Nickel, Lindsey J Abel, Reinier Hernandez, Joseph J Grudzinski, Ian R Marsh, Bryan P Bednarz, Shari M Piaskowski, Paul M Harari
30	Liu	Teresa	Altered Steroidogenesis on Estrogen Receptor Activation in Benign Prostatic Hyperplasia	Teresa T. Liu, Samuel Thomas, Clara H. Jeong, Izak Walker, Emily A. Ricke, William A. Ricke
30	Lu	Zhanping	Molecular Determinants for Polycomb Group Protein YY1 Control of Hematopoietic Stem Cell Quiescence	Zhanping Lu, Courtney C. Hong, Guangyao Kong, Anna L. F. V. Assumpção, Irene Ong, Emery H. Bresnick, Jing Zhang and Xuan Pan

31	Lung	David	Regulation of Estrogen Receptor Alpha by Bone Marrow Stromal Cells	David K. Lung, Jessica D. Lang, Elaine T. Alarid
31	Mark	Christina	Elucidating HAPLN1 Processing Mechanisms involved in MM Drug Resistance	Christina Mark, Natalie Callander, Mailee Huynh, Peimin Hematti, Fotis Asimakopoulos F, and Shigeki Miyamoto
32	Marsh	Ian	Pre-clinical targeted radionuclide therapy dosimetry in head and neck cancer xenografts	Ian R Marsh, Joseph J Grudzinski, Chunrong Li, Reinier Hernandez, Justin J Jeffery, Jamey Weichert, Paul M Harari, Bryan P Bednarz
32	McLean	Dalton	The Role of FGF5 in Prostate Cancer Progression and Androgen Receptor Regulation	Dalton McLean, Katelin Cunningham, William Ricke
33	Mehta	Charu	Integrating Enhancer Mechanisms to Establish a Hierarchical Blood Development Program	Charu Mehta, Kirby D Johnson, Xin Gao, Irene M Ong, Koichi R Katsumura, Skye C Mciver, Erik A Ranheim and Emery H Bresnick
33	Miller	Rachel	Improved Protein Inference for Multiple Protease MS Data Using a Single Database Search	Rachel M. Miller; Connor Hoffmann; Gloria M. Sheynkman; Robert J. Millikin; Stefan K. Soltsev; Anthony J. Cesnik; Michael R. Shortreed; Lloyd M. Smith
34	Millikin	Robert	MetaMorpheus for Enhanced Global PTM Discovery (G-PTM-D) and Quantitative Proteomics	Robert J. Millikin, Stefan K. Soltsev, Michael R. Shortreed, Brian L. Frey, Anthony J. Cesnik, Lloyd M. Smith
34	Moreno	Ruben	Determining the cell of origin for papillomas and squamous cell carcinomas arising in MmuPV1 infected mice	Ruben Moreno and Paul Lambert
35	Nair	Ashita	A Novel Exosome-Dendrimer Hybrid Nanoparticle System: Hybridization methods and its cellular interactions	Ashita Nair and Seungpyo Hong
35	Nihal	Minakshi	FAS-ligand (FASL) expression in cutaneous T-cell lymphoma (CTCL) is regulated by promoter methylation and can be derepressed by methotrexate (MTX)	Minakshi Nihal, Jianqiang Wu, and Gary S. Wood
36*	O'Leary	Kathy	Mouse ERalpha+ breast cancer cell lines allow study of tumor progressive signals, intravasation and metastasis	Kathleen A. O'Leary , Craig E. Barcus, Fatou Jallow, Patricia J. Keely, Kevin W. Eliceiri and Linda A. Schuler
37*	Pasch	Cheri	Patient-derived Organotypic Cancer Spheroids (PDOCS) as Predictive Models for the Treatment of Human Cancers in a Clinically Meaningful Time Frame	Pasch CA, Favreau PF, Yueh AE, Nickel KP, Babiarz C, Emmerich PB, Pitera R, Payne SN, Korkos DP, Sharick JT, Sprackling CM, Clipson L, Matkowskyj KA, Newton MA, Skala M, Bassett MF, Kimple RJ, Deming DA
38	Patankar	Manish	Oxidative stress via inhibition of the mitochondrial electron transport and Nrf-2-mediated anti-oxidative response regulate the cytotoxic activity of plumbagin and related compounds	Arvind Kapur, Thomas Beres, Kavya Rathi, Amruta P. Nayak, Mildred Felder, Amani Gillette, Spencer S. Ericksen, Emmanuel Sampene, Melissa C. Skala, Lisa Barroilhet, and Manish S. Patankar
38	Pietrzak	Stefan	Determining Mechanism of Induced Pluripotency by Single Cell Analysis of Heterogeneous Reprogramming Populations	Khoa Tran, Zafirah Zaidan, Stefan Pietrzak, Amber Zhou, Ali Siapiarahi, Gopal Iyer, Sushmita Roy, Rupa Sridharan
39	Poellmann	Michael	Quantitative analysis of dendrimer-mediated multivalent binding for enhanced surface capture of exosomes	Michael J. Poellmann, Ashita Nair, and Seungpyo Hong
39	Pohlman	Robert	Comparison Study of Displacement Estimation Methods Using Electrode Displacement Elastography for Microwave Ablation Procedures	Robert M Pohlman, Jingfeng Jiang, Wenjun Yang, Timothy J Ziemlewicz, Marci L Alexander, Kelly L Wergin, Meghan G Lubner, James L Hinshaw, Fred T Lee Jr., Tomy Varghese
40	Prasad	Aman	Targeting mROS/HIF-1a signaling during mitochondrial electron transport chain dysfunction disrupts cancer-specific metabolic reprogramming	Aman Prasad, Ashish Anshu, Wasakorn Kittipongdaja, Justin Jeffery, and Stefan M. Schieke
40	Rakhmilevich	Alexander	Efficacy of interleukin 2 and interleukin 15 for in situ vaccination in a mouse melanoma model	Alexander L. Rakhmilevich, Anna Hoefges, Jacob Slowinski, Kayla Rasmussen, Mackenzie Heck, Michael M. Meagher , Alan J. Korman, Paul M. Sondel
41	Rasmussen	Kayla	Development of a N-MYC Neuroblastoma Murine Model to Test In Situ Vaccination with Tumor-Specific Monoclonal Antibody	Julie Voeller, Kayla Rasmussen, Amy K. Erbe, Jacob Slowinski, Anna Hoefges, Mackenzie Heck, Jacquelyn A. Hank, Alexander Rakhmilevich, Zachary S. Morris, Paul M. Sondel

41	Reese	Rebecca	Investigating the effect of GRHL2 on estrogen receptor transcriptional activity in breast cancer	Rebecca Reese, Kyle Helzer, Elaine Alarid
42	Renna	Catherine	Utilization of pharmacists to optimize the management of immune-related adverse events	Catherine Renna, Elizabeth Dow, Jason Bergsbaken, Ticiana Leal
42	Rolfs	Zach	Discovery of Post-Translationally Spliced Peptides	Zach Rolfs, Stefan Solntsev, Michael Shortreed, Brian Frey, Mark Scaif, Alan Attie, Lloyd Smith
43	Rolland	Betsy	Evaluating Research Infrastructure: the Cancer Research Network	Betsy Rolland
43	Salem	Kelley	Identifying Steroid Hormone Receptor Gene Mutations in Patients with Newly Diagnosed Estrogen Receptor Positive Metastatic Breast Cancer	Amy M. Fowler, Shane Rassman, Micheal DeGrave, Irene Ong, Ginny L Powers, Kelley Salem, Ciara J. Michel, Manoj Kumar, Kaitlin Woo, Aparna M. Mahajan
44	Roy	Sushmita	Single-cell dynamics maintain an intrinsic drug-resistant state in T cell leukemia and lymphoma.	Hamidullah, Sushmita Roy, Ashish Anshu, Wasakorn Kittipongdaja, Stefan M. Schieke
44	Roy	Sushmita	Mitochondria integrate metabolic dynamics and dissemination of leukemia and lymphoma	Sushmita Roy, Hamidullah, Aman Prasad, Aman Nihal, Justin Jeffery and Stefan M. Schieke
45	Schehr	Jennifer	The Circulating Biomarker Core (CBC): Translation of Circulating Biomarker Research Methods for Clinical Trials and Clinical Grade Assays	Jennifer L. Schehr, Hannah M. Pezzi, D. John Guckenberger, David J. Niles, Scott M. Berry, David J. Beebe, Jennifer J. Laffin, Joshua M. Lang
45	Schultz	Adam	Image Analysis of Normal Prostate Biopsies Predicts the Presence of Cancer	Adam Schultz, Tyler Etheridge, Johnathon McCormick, Shivashankar Damodaran, Bing Yang, Glenn O. Allen, Wei Huang, Peter LaViolette, and David F. Jarrard
46	Shahi	Ankita	The phospholipid ether analog CLR127 delays radiation induced dsDNA damage repair in pediatric and adult solid tumors	Ankita Shahi
46	Shahi	Ankita	Molecular targeted radiotherapy with an alkyl phosphocholine analog leads to immunomodulation in a syngeneic murine melanoma model	Suresh Veerankutty
47	Sharick	Joe	Personalized Medicine in Pancreatic Cancer Using Cellular-Resolution Optical Metabolic Imaging	Joe T. Sharick, Tongcheng Qian, Jillian K. Johnson, Lingjun Li, Cheri A. Pasch, Dustin A. Deming, Alexander A. Parikh, Melissa C. Skala
47	Shin	MyeongKyun	Examining the effect of a PI3K-activating mutations in HPV-associated anal cancer	MyeongKyun Shin, Paul F Lambert
48	Spurgeon	Megan	Human Papillomavirus and Estrogen Contribute to Gene Expression Changes in the Microenvironment during Cervical Carcinogenesis	Megan E. Spurgeon, Mark Horswill, Johan A. den Boon, Sonalee Barthakur, Omid Forouzan, David J. Beebe, Avtar Roopra, Paul Ahlquist, Paul F. Lambert
48	Sriramaneni	Raghava	In situ vaccination, Together with Systemic Checkpoint Blockade Limits Engraftment of Brain Metastases in a Murine Melanoma Model	Raghava N. Sriramaneni, Paul A. Clark
49	Su	Shengqin	An analysis of correlative interactions between Plk1, Notch1 and FoxM1 in melanoma	Shengqin Su, Chandra K. Singh, Mary A. Ndiaye, Gagan Chhabra, Tony Xiao, Ting Ye, Vijay Setaluri and Nihal Ahmad
49	Thomas	Sam	A proteomic fingerprint of hormone-induced lower urinary tract dysfunction in mice	Sam Thomas, Ling Hao, Kellen Delaney, Seth Hyman, Laura Steinke, William Ricke, Lingjun Li
50	Uchtmann	Kristen	Fetal Bisphenol A Exposure Alters Body Weight and Male Urogenital Tract Morphology at Birth: Findings from the NIEHS/FDA CLARITY-BPA Research Program	William Ricke, Kristen Uchtmann, Barry Timms, Richard Stahlhut, Julia Taylor, & Frederick vom Saal
50	Vandenhuevel	Sabrina	Antitumor Effects of Radiation Combined with Intratumoral Anti-Tem8 mAb and IL2	VandenHeuvel S, Komro K, Hoefges A, Voeller J, Subbotin V, Feils A, Heck M, Mohan M, Carlson PM, Hank JA, Rakhmievich A, Morris ZS, Chaudhary A, St. Croix B, Erbe AK, Sondel PM
51	Vellky	Jordan	Hormonal Modulation of DDX3 and its Implications for Translational Regulation in Prostate Cancer	Jordan Vellky, Will Ricke
51	Verma	Ajit	Medicinal plant-derived inhibitor of late stage prostate cancer	Ajit K. Verma

52	Voeller	Julie	Development of a N-MYC Neuroblastoma Murine Model to Test In Situ Vaccination with Tumor-Specific Monoclonal Antibody	Julie Voeller, Kayla Rasmussen, Amy Erbe, Anna Hoefges, Mackenzie Heck, Jacquelyn Hank, Alexander Rakmilevich, Zachary Morris, Paul Sonel
52	Walker	Kirsti	Combining inhibition of JAK/STAT and BCL2 during ex vivo NK cell expansion enriches a highly cytotoxic NK cell subset	Kirsti L. Walker, Tara B. Gavcovich, Dennis Ea, Christian M. Capitini
53	Wassenaar	Tim	UW Cancer Center at ProHealth Care: A Community Oncology Research Practice	Tim Wassenaar
53	Wei	Tao	IQGAP1, a PI3K Signal Scaffolding Protein, Is Necessary for Efficient Head and Neck Carcinogenesis	Tao Wei, Suyong Choi, Darya Buehler, Alan Rapraeger, Richard Anderson and Paul F. Lambert
54	Wise	Meg	Suffering in Advanced Cancer: A Randomize Control Trial of a Narrative Intervention	Meg Wise, Lucille Marchand, Linda Roberts, Ming-Yuan Chi
54	Zahm	Christopher	TLR Stimulation of Antigen-Presenting Cells Leads to IL-12 Upregulation that Decreases PD-1 Expression on Activated CD8+ T-Cells	Christopher D. Zahm, Viswa T. Colluru, Sean J. McIlwain, Irene M. Ong, and Douglas G. McNeel
55	Zhu	Fen	PRMT5 is upregulated by BCR signaling and promotes the survival of DLBCL cells	Fen Zhu
55	Zuleger	Cindy	Persistence of 6-thioguanine-resistant T-cell clones in a melanoma patient with durable antitumor response following treatment with immune checkpoint blockade.	Cindy L. Zuleger, Michael A. Newton, Irene Ong, and Mark R Albertini
* large poster, one per board				