

# Curriculum Vitae: Lianbo Yu

Center for Biostatistics  
Department of Biomedical Informatics  
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## Education

**Ph.D.** in Statistics, May 2006.  
Purdue University, West Lafayette, IN, USA.  
Dissertation Topic: Statistical Issues in Protein Microarray Analysis.  
Advisor: Rebecca W. Doerge.

**M.S.** in Statistics, May 2002.  
Purdue University, West Lafayette, IN, USA.

**B.S.** in Statistics, June 1998.  
Nankai University, Tianjin, China.

## Professional Experience

Current Position:

2014-present     **Research Assistant Professor**, Center for Biostatistics, Department of Biomedical Informatics, The Ohio State University.

2013-present     **Biostatistics Core Leader**, Innate Immunity Program Project, Comprehensive Cancer Center, The Ohio State University.

Experience:

1998-2000     **Teaching Assistant**, School of Mathematics, Nankai University.

2000-2003     **Teaching Assistant**, Department of Statistics, Purdue University.

2004            **Course Lecturer**, Department of Statistics, Purdue University.

2005-2006     **Research Assistant**, Department of Statistics, Purdue University.

2006            **Statistical Consultant**, Department of Statistics, Purdue University.

2006-2007     **Senior Research Biostatistical Consultant**, Center for Biostatistics, The Ohio State University.

2007-2014     **Research Scientist**, Center for Biostatistics, Department of Biomedical Informatics, The Ohio State University.

## **Academic Service**

Editorial Board Member :

American Journal of Biostatistics  
Journal of Bioinformatics and Proteomics Review  
HIV Advance Research and Development  
Advances in Biology

Adhoc Reviewer:

Central European Journal of Biology  
Gene Expression  
Blood

Biostatistician:

Ohio State Department of Anesthesiology, Journal Club, 2006-2013  
Ohio State Department of Surgery, Biostatistics Navigator, 2013.10-present

Committee and Judge:

4th International Conference on Medical Informatics and Health Organizing Committee Board, 2016  
The First OSU Omics Workshop, 2015.  
Ohio State Denman Undergraduate Research Forum Judge, 2015,2016  
Ohio State Medical Center Trainee Research Day Judge, 2010,2015,2016  
Ohio State CCTS Pilot Grant Review Committee Member, 2011  
Center for Biostatistics Computer Committee Member, 2006-  
Center for Biostatistics Hiring Committee Member, 2007-  
Center for Biostatistics Computer Committee Member, 2007-

Graduate Student Dissertation Committee

Ph.D. Student Parul Gulati: "Testing for differential expression in small sample microarray experiments." 2010.

## **Professional Memberships**

American Statistical Association

## **Honors and Awards**

JiuZhang Mathematics Scholarship Award, Nankai University, 1996  
Wang Kechang Scholarship Award, Nankai University, 1997

## **Journal Articles**

1. Crawford M, Brawner E, Batte K, **Yu L**, Hunter MG, Otterson GA, Nuovo G, Marsh CB, Nana-Sinkam S P. "MicroRNA-126 inhibits invasion in non-small cell lung carcinoma cell lines." *Biochemical And Biophysical Research Communications*, 2008; 373:607-612.
2. Lesinski GB, Trefry J, Brasdovich M, Kondadasula SV, Sackey K, Zimmerer JM, Chaudhury AR, **Yu L**, Zhang X, Crespín TR, Walker MJ, Carson WE 3rd. "Melanoma cells exhibit variable signal transducer and activator of transcription 1 phosphorylation and a reduced response to IFN-alpha compared with immune effector cells." *Clinical Cancer Research*, 2007; 13(17):5010-5019.
3. Jacob A, Robinson LL Jr, Bortman JS, **Yu L**, Dodson EE, Welling DB. "Nerve of origin, tumor size, hearing preservation, and facial nerve outcomes in 359 vestibular schwannoma resections at a tertiary care academic center." *Laryngoscope*. 2007;117(12):2087-2092.
4. Jacob A, Bortman JS, Robinson LL Jr, **Yu L**, Dodson EE, Welling DB. "Does packing the eustachian tube impact cerebrospinal fluid rhinorrhea rates in translabyrinthine vestibular schwannoma resections?" *Otology and Neurotology*, 2007; 28(7):934-938.
5. Hunter MP, Ismail N, Zhang X, Aguda BD, Lee EJ, **Yu L**, Xiao T, Schafer J, Lee ML, Schmittgen TD, Nana-Sinkam SP, Jarjoura D, Marsh CB. "Detection of microRNA expression in human peripheral blood microvesicles." *PLoS ONE*, 2008; 3(11):e3694.
6. Qian S, Zhong X, **Yu L**, Ding B, de Haan P, Boris-Lawrie K. "HIV-1 Tat RNA silencing suppressor activity is conserved across kingdoms and counteracts translational repression of HIV-1." *Proceedings of the National Academy of Sciences USA*, 2009; 106(2):605-610.
7. Dworkin AM, Tober KL, Duncan FJ, **Yu L**, VanBuskirk AM, Oberyszyn TM, Toland AE. "Chromosomal aberrations in UVB-induced tumors of immunosuppressed mice." *Genes Chromosomes and Cancer*, 2009; 48(6):490-501.
8. Crawford M, Batte K, **Yu L**, Wu X, Nuovo GJ, Marsh CB, Otterson GA, Nana-Sinkam SP. "MicroRNA 133B targets pro-survival molecules MCL-1 and BCL2L2 in lung cancer." *Biochemical And Biophysical Research Communications*, 2009; 388(3):483-489
9. Li M, Kesic M, Yin H, **Yu L**, Green PL. "Kinetic analysis of human T-cell leukemia virus type 1 gene expression in cell culture and infected animals." *Journal Virology*, 2009; 83(8):3788-3797.
10. Bolinger C, Sharma A, Singh D, **Yu L**, Boris-Lawrie K. "RNA helicase A modulates HIV-1 translation and infectivity." *Nucleic Acids Research*, 2010; 38:1686-1696.
11. Haynes II R, Ware E, Premanandan C, Zimmerman B, **Yu L**, Phipps AJ and Lairmore MD. "Cyclosporine-induced immune suppression alters establishment of HTLV-1 infection in a rabbit model." *Blood*, 2010; 115(4):815-823.
12. Haynes II R, Zimmerman B, Millward L, Ware E, Premanandan C, **Yu L**, Phipps AJ, and Lairmore MD. "Early Spatial and Temporal Events of Human T-lymphotropic virus type 1.Spread Following Blood Borne Transmission in a Rabbit Model of Infection." *Journal of Virology*, 2010; 84(10):5124-5130.

13. **Yu L** and Doerge RW "A semi-nonparametric approach for selecting functionally consistent proteins in protein microarray experiments." *BMC Bioinformatics*, 2010; 11:486
14. Dmitrieva N, **Yu L**, Viapiano M, Cripe T, Chiocca EA, Glorioso J, Kaur B. "Chondroitinase ABC I enhances intra-tumor distribution and anti-tumor efficacy of oncolytic virus." *Proceedings of the National Academy of Sciences USA*, 2010.
15. Chen S, Claus R, **Yu L**, Qian J, Ruppert AS, Lucas DM, West DA, Williams KE, Johnson AJ, Sablitzky F, Larson RA, Plass C, Byrd JC. "Silencing of the inhibitor of DNA binding protein 4 (ID4) contributes to the pathogenesis of mouse and human CLL." *Blood*, 2010.
16. Hsu S, Wang B, Bai S, Kutay H, Costinean S, **Yu L**, Nuovo G, Jacob S, Ghoshal K. "MicroRNA-122 knockout mice develop spontaneous microsteatosis, hepatitis and diethylnitrosamine-induced hepatocellular carcinoma." *Journal of Clinical Investigation*, 2010.
17. Deol YS, Nasser MW, **Yu L**, Zou X, Ganju RK. "Tumor suppressive effects of psoriasin (S100A7) are mediated through beta-catenin/TCF4 pathway in estrogen receptor positive breast cancer cells." *Journal of Biological Chemistry*, 2011;286:44845-44854.
18. **Yu L**, Gulati P, Fernandez S, Pennell M, Kirschner L, Jarjoura D. "Fully moderated t-statistic for small sample size gene expression arrays." *Statistical Applications in Genetics and Molecular Biology*, 2011; 10:article 42.
19. Souba W, Notestine M, Way D, Lucey C, **Yu L**, Sedmak D. "Do deans and teaching hospital CEOs agree on what it takes to be a successful clinical department chair?" *Academic Medicine*, 2011; 86:974-981.
20. Li R, Ackerman WE, Summerfield TL, **Yu L**, Gulati P, Zhang J, Huang K, Romero R, Kniss DA. "Inflammatory gene regulatory networks in amnion cells following cytokine stimulation: translational systems approach to modeling human parturition." *PLoS One*, 2011; 6:e20560.
21. Schloss B, Gulati P, **Yu L**, Abdel-Rasoul M, O'Brien W, Von Visger J, Awad H. "Impact of aprotinin and renal function on mortality: A retrospective single center analysis." *Journal of Cardiothoracic Surgery*, 2011; 6:103.
22. Hayes A, Qian S, **Yu L**, Boris-Lawrie K. "Tat RNA silencing suppressor activity contributes to perturbation of lymphocyte miRNA by HIV-1." *Retrovirology*, 2011; 8:36.
23. Manchanda PK, Jones GN, Lee AA, Pringle DR, Zhang M, **Yu L**, La Perle KMD, Kirschner LS. "Rac1 is required for Prkar1a-mediated Nf2 suppression in Schwann cell tumors." *Oncogene*, 2012.
24. Claus R, Lucas DM, Stilgenbauer S, Ruppert AS, **Yu L**, Zucknick M, Mertens D, Buhler A, Oakes CC, Larson RA, Kay NE, Jelinek DF, Kipps TJ, Rassenti LZ, Gribben JG, Dohner H, Heerema NA, Marcucci G, Plass C, Byrd JC. "Quantitative DNA methylation analysis identifies a single CpG dinucleotide important for ZAP-70 expression and predictive of prognosis in chronic lymphocytic leukemia." *Journal of Clinical Oncology*, 2012; 30:2483-2491.

25. Hsu S, Wang B, Kota J, Yu J, Costinean S, Kutay H, **Yu L**, Bai S, La Perle K, Chivukula RR, Mao H, Wei M, Clark KR, Mendell JR, Caligiuri MA, Jacob ST, Mendell J, Ghoshal K. "Essential metabolic, anti-inflammatory, and anti-tumorigenic functions of miR-122 in liver." *Journal of Clinical Investigation*, 2012; 122:2871-2883.
26. Kutay H, Klepper C, Wang B, Hsu S, Datta J, **Yu L**, Zhang X, Majumder S, Motiwala T, Khan N, Belury M, McClain C, Jacob S, Ghoshal K. "Reduced susceptibility of DNA methyltransferase 1 hypomorphic (Dnmt1N/+) mice to hepatic steatosis upon feeding liquid alcohol diet." *PLOS One*, 2012; 7:e41949.
27. Bronisz A, Godlewski J, Wallace JA, Merchant AS, Nowicki MO, Mathsyaraja H, Srinivasan R, Trimboli AJ, Martin CK, Li F, **Yu L**, Fernandez SA, Pecot T, Rosol TJ, Cory S, Hallett M, Park M, Piper MG, Marsh CB, Yee LD, Jimenez RE, Nuovo G, Lawler SE, Chiocca EA, Leone G, Ostrowski MC. "Reprogramming of the tumor microenvironment by stromal PTEN-regulated miR-320." *Nature Cell Biology*, 2012; 14:159-167.
28. Haseley A, Boone S, Wojton J, **Yu L**, Yoo JY, Yu J, Kurozumi K, Glorioso JC, Caligiuri MA, Kaur B. "Extracellular matrix protein CCN1 limits oncolytic efficacy in glioma." *Cancer Research*, 2012; 72:1353-1362.
29. Trotta R, Chen L, Ciarlariello D, Josyula S, Mao C, Costinean S, **Yu L**, Butchar JP, Tridandapani S, Croce CM, Caligiuri MA. "miR-155 regulates IFN- $\gamma$  production in natural killer cells." *Blood*, 2012; 119:3478-3485.
30. Crouser ED, Julian MW, Crawford M, Shao G, **Yu L**, Planck SR, Rosenbaum JT, Nana-Sinkam SP. "Differential expression of microRNA and predicted targets in pulmonary sarcoidosis." *Biochemical and Biophysical Research Communications*, 2012; 417:886-891.
31. Pringle DR, Yin Z, Lee AA, Manchanda PK, **Yu L**, Parlow AF, Jarjoura D, La Perle KM, Kirschner LS. "Thyroid-specific ablation of the carney complex gene, PRKAR1A, results in hyperthyroidism and follicular thyroid cancer." *Endocrine-Related Cancer*, 2012; 19:435-446.
32. Ezzie ME, Crawford M, Cho JH, Orellana R, Zhang SL, Gelinas R, Batter K, **Yu L**, Nuovo G, Galas D, Diaz P, Wang K, Nana-Sinkam SP. "Gene expression networks in COPD: microRNA and mRNA regulation." *THORAS*, 2012; 67:122-131.
33. Trotta R, Chen L, Costinean S, Josyula S, Mundy-Bosse BL, Ciarlariello D, Mao C, Briercheck EL, McConnell KK, Mishra A, **Yu L**, Croce CM, Caligiuri MA. "Overexpression of miR-155 causes expansion, arrest in terminal differentiation and functional activation of mouse natural killer cells." *Blood*, 2013.
34. Wulff BC, **Yu L**, Parent AE, and Wilgus TA. "Novel differences in the expression of inflammation-associated genes between mid- and late-gestational dermal fibroblasts." *Wound Repair Regen*, 2013; 21:103-112.
35. Kim MY, Shu Y, Carsillo T, Zhang J, **Yu L**, Peterson C, Longhi S, Girod S, Niewiesk S, Oglesbee M. "Hsp70 and a novel axis of type I interferon-dependent antiviral immunity in the measles virus-infected brain." *Journal of Virology*, 2013; 87:998-1009.

36. Fleming JL, Gable DL, Samadzadeh-Tarighat S, Cheng L, **Yu L**, Gillespie JL, Toland AE. "Differential expression of miR-1, a putative tumor suppressing microRNA, in cancer resistant and cancer susceptible mice." *PeerJ*, 2013.
37. Collins AL, Wojcik S, Liu J, Frankel WL, Alder H, **Yu L**, Schmittgen TD, Croce CM and Bloomston M. "A differential microRNA profile distinguishes cholangiocarcinoma from pancreatic adenocarcinoma." *Annals of Surgical Oncology*, 2013.
38. Wallace JA, Li F, Balakrishnan S, Cantemir-Stone CZ, Pecot T, Martin C, Kladney RD, Sharma SM, Trimboli AJ, Fernandez SA, **Yu L**, Rosol TJ, Stromberg PC, Lesurf R, Hallett M, Park M, Leone G and Ostrowski MC. "Ets2 in tumor fibroblasts promotes angiogenesis in breast cancer." *PLOS One*, 2013, 8:e71533.
39. Wallace JA, Pitarresi JR, Sharma N, Palettas M, Cuitino MC, Sizemore ST, **Yu L**, Sanderlin A, Rosol TJ, Mehta KD, Sizemore GM, Ostrowski MC. Protein Kinase C Beta in the tumor microenvironment promotes mammary tumorigenesis. *Front Oncol*, 2014.
40. Liu MJ, Bao S, Napolitano JR, Durris DL, **Yu L**, Tridandapani S, Knoell DL. Zinc regulates the acute phase response and serum amyloid A production in response to sepsis through JAK-STAT2 signaling. *PLoS One*, 2014;9(4):e94934.
41. Pringel DR, Vasko VV, **Yu L**, Manchanda PK, Lee AA, Zhang X, Kirschner JM, Parlow AF, Saji M, Jarjoura D, Ringel MD, La Perle KM, Kirschner LS. Follicular thyroid cancers demonstrate dual activation of PKA and mTOR as modeled by thyroid-specific deletion of Prkar1a and Pten in mice. *J Clin Endocrinol Metab*, 2014;99(5):E804-812.
42. Wang Y, Jeong Y, Jhiang SM, **Yu L**, Menq C. Quantitative characterization of cell behaviors through cell cycle progression via automated cell tracking. *PLOS One*, 2014;9(6):e98762.
43. Oghumu S, Terrazas CA, Varikuti S, Kimble J, Vadia S, **Yu L**, Seveau S, Satoskar AR. CXCR3 expression defines a novel subset of innate CD8+ T cells that enhance immunity against bacterial infection and cancer upon stimulation with IL-15. *FASEB J*, 2014.
44. Werbeck JL, Thudi NK, Martin CK, Premanandan C, **Yu L**, Ostrowski MC, Rosol TJ. Tumor microenvironment regulates metastasis and metastasis genes of mouse MMTV-PymT mammary cancer cells in vivo. *Vet Pathol.*, 2014;51(4):868-81.
45. Briercheck EL, Trotta R, Chen L, Hartlage AS, Cole JP, Cole TD, Mao C, Banerjee PP, Hsu HT, Mace EM, Ciarlariello D, Mundy-Bosse BL, Garcia-Cao I, Scoville SD, **Yu L**, Pilarski R, Carson WE 3rd, Leone G, Pandolfi PP, Yu J, Orange JS, Caligiuri MA. PTEN Is a Negative Regulator of NK Cell Cytolytic Function. *J Immunol.*, 2015; 194(4).
46. Guzman N, Agarwal K, Asthagiri **D**, **Yu L**, Saji M, Ringel MD, Paulaitis ME. Breast Cancer-Specific miR Signature Unique to Extracellular Vesicles Includes "microRNA-like" tRNA Fragments. *Mol Cancer Res.*, 2015;13(5):891-901.
47. Drosdeck JM, Osayi SN, Peterson LA, **Yu L**, Ellison EC, Muscarella P. Surgeon and nonsurgeon personalities at different career points. *J Surg Res.*, 2015 Jun 1;196(1):60-6.

48. Yeh YY, Ozer HG, Lehman AM, Maddocks K, **Yu L**, Johnson AJ, Byrd JC. Characterization of CLL exosomes reveals a distinct microRNA signature and enhanced secretion by activation of B-cell receptor signaling. *Blood*, 2015; 125(21):3297-3305.
49. Mani R, Mao Y, Frizzera FW, Chiang CL, Wang J, Zhao Y, Wu Y, Yu B, Yan R, Mo X, **Yu L**, Flynn J, Jones J, Andritsos L, Baskar S, Rader C, Phelps MA, Chen CS, Lee RJ, Byrd JC, Lee LJ, Muthusamy N. Tumor antigen ROR1 targeted drug delivery mediated selective leukemic but not normal B-cell cytotoxicity in chronic lymphocytic leukemia. *Leukemia*, 2015;29(2):346-55.
50. Chen W, Frankel WL, Cronley KM, **Yu L**, Zhou X, Yearsley MM. Significance of paneth cell metaplasia in barrett esophagus: a morphologic and clinicopathologic study. **Am J Clin Pathol.**, 2015;143(5):665-71.
51. Mathsyaraja H, Thies K, Taffany DA, Deighan C, Liu T, **Yu L**, Fernandez SA, Shapiro C, Otero J, Timmers C, Lustberg MB, Chalmers J, Leone G, Ostrowski MC. CSF1-ETS2-induced microRNA in myeloid cells promote metastatic tumor growth. *Oncogene*, 2014.
52. Dakhlallah D, Zhang J, **Yu L**, Marsh CB, Angelos MG, Khan M. MicroRNA-133a engineered mesenchymal stem cells augment cardiac function and cell survival in the infarct heart. *J Cardiovasc Pharmacol*, 2015; 65(3):241-51.
53. Gillespie J, Skeeles LE, Allain DC, Kent MN, Peters SB, Nagarajan P, **Yu L**, Teknos TN, Olencki T, Toland AE. MicroRNA expression profiling in metastatic cutaneous squamous cell carcinoma. *J Eur Acad Dermatol Venereol*, 2015.
54. Caserta E, Egriboz O, Wang H, Martin C, Koivisto C, Pect T, Kladney RD, Shen C, Shim KS, Pham T, Karikomi MK, Mauntel MJ, Majumder S, Cuitino MC, Tang X, Srivastava A, **Yu L**, Wallace J, Mo X, Park M, Fernandez SA, Pilarski R, La Perle KM, Rosol TJ, Coppola V, Castrillon DH, Timmers C, Cohn DE, O'Malley DM, Backes F, Suarez AA, Goodfellow P, Chamberlin HM, Macrae ER, Shapiro CL, Ostrowski MC, Leone G. Noncatalytic PTEN missense mutation predisposes to organ-selective cancer development in vivo. *Genes Dev.* 2015 Aug 15;29(16):1707-20.
55. Brathwaite S, Kuhrt M, **Yu L**, Arnold M, Husain S, Harzman AE. Retrospective Evaluation of Laparoscopic Versus Open Hartmann's Reversal: A Single-Institution Experience. *Surg Laparosc Endosc Percutan Tech.* 2015 Oct;25(5):e156-8.
56. Araujo LH, Timmers C, Shilo K, Zhao W, Zhang J, **Yu L**, Natarajan TG, Miller CJ, Yilmaz AS, Liu T, Amann J, Lapa E Silva JR, Ferreira CG, Carbone DP. Impact of Pre-Analytical Variables on Cancer Targeted Gene Sequencing Efficiency. *PLoS One.* 2015 Nov 25;10(11):e0143092.
57. Parikh SV, Malvar A, Song H, Alberton V, Lococo B, Vance J, Zhang J, **Yu L**, Rovin BH. Characterising the immune profile of the kidney biopsy at lupus nephritis flare differentiates early treatment responders from non-responders. *Lupus Sci Med.* 2015 Nov 18;2(1):e000112.

58. Yu P, Balkhi M, Ladner K, Alder H, **Yu L**, Kraybill W, Mo X, Guttridge D, Iwenofu O. A Selective Screening Platform Reveals Unique Global Expression Patterns of microRNAs in a Cohort of Human Soft-Tissue Sarcomas. *Laboratory Investigation*, 2016 Apr;96(4):481-491.
59. Chen TL, Gupta N, Lehman A, Ruppert AS, **Yu L**, Oakes CC, Claus R, Plass C, Maddocks KJ, Andritsos L, Jones JA, Lucas DM, Johnson AJ, Byrd JC, Hertlein E. Hsp90 inhibition increases SOCS3 transcript and regulates migration and cell death in chronic lymphocytic leukemia. *Oncotarget*. 2016 Apr 16.
60. Stiff A, Trikha P, Wesolowski R, Kendra K, Hsu V, Uppati S, McMichael EL, Duggan M, Campbell A, Keller K, Landi I, Zhong Y, Dubovsky J, Howard JH, **Yu L**, Harrington B, Old M, Reiff S, Mace T, Tridandapani S, Muthusamy N, Caligiuri M, Byrd JC, Carson WE 3rd. Myeloid-derived suppressor cells express Bruton's tyrosine kinase and can be depleted in tumor bearing hosts by ibrutinib treatment. *Cancer Res*. 2016 Feb 15.

## Presentations

1. **Yu L** "Power Analyses for RNA-Seq Differential Expression Studies." JSM, Aug. 2016.
2. Parikh S, Malvar A, Song H, Vance J, Alberton V, Lococo B, Zhang J, **Yu L**, Birmingham D, Rovin BH. "Characterizing the Immune Profile of Serial Kidney Biopsies Differentiates Treatment Responders from Non-Responders in Lupus Nephritis" ISN, 2016.
3. El-Gamal D, Hing ZA, Mitchell S, LaFollette TD, Brennan PJ, Flynn JM, Jones JA, Awan F, Andritsos LA, Blackly JS, Williams K, Harrington BK, Geotzl VM, Woyach JA, Lehman AM, **Yu L**, Byrd JC, Lapalombella R. A novel inhibitor of BET family bromodomains demonstrates in vivo and in vitro potency in B-Cell Malignancies. ASH, Orlando, Dec. 2015.
4. **Yu L**. "Power Analyses for RNA-Seq Differential Expression." OSU CPH Biostatistics, Nov. 2015.
5. **Yu L**. "Predictive Modeling with Omics data." The First OSU Omics Workshop, Sep. 2015.
6. Yeh YY, Ozer HC, Lehman AM, **Yu L**, Johnson AJ, Byrd JC. "Characterization of plasma-derived exosomes in CLL reveals a distinct mircoRNA signature and the BCR regulation in exosome secretion. AACR 106th Annual Meeting, Philadelphia, Apr. 2015.
7. **Yu L**. "Experimental design and sample size calculation for RNA-Seq Studies." OSU BMI retreat, Mar. 2015.
8. El-Gamal D, LaFollette TD, Lai H, Li C, Sampath D, Lehman A, **Yu L**, Byrd JC, Baiocchi RA, Lapalombella R. "Expression of PRMT5 in B-cell chronic lymphocytic leukemia and its significance in disease progression and Richter's transformation." 56th ASH Annual Meeting, San Francisco, CA, Dec. 2014.



9. Parikh S, Song H, Vance J, Zhang J, **Yu L**, Malvar A, Robin BH. "MOlecular characterization of proliferative lupus nephritis." *Lupus* 2014, Quebec City, Sep. 2014.
10. Parikh S, Song H, Kimmel PL, Kusek JW, Zhang J, **Yu L**, Malvar A, Robin BH. "The CKD biomarkers consortium differentiating treatment responders from non-responders using biomarkers identified from the molecular analysis of lupus nephritis kidney biopsies." American Society of Nephrology Annual Meeting, Philadelphia, PA, Nov. 2014.
11. Masterson LL, Corby T, Haurani M, **Yu L**, Starr J. "Access site complications are commonly found on femoral artery duplex ultrasound and associated with age and manual pressure." Midwestern Vascular Surgical Society Annual Meeting, University of IOWA, Sep. 2014.
12. Alghothani N, Gaillard T, **Yu L**, Osei K. "African amerian nondiabetic, postmenopausal woman (AAW) are more resistant to anit-inflammatory effect of Aspirin therapy than white women (WAW)." Endocrine Society's 96th Annual Meeting, Chicago, IL, Jun. 2014.
13. Motiwala T, Mustafa M, Kutay H, Sullivan RC, Teng KY, Chowdhary V, **Yu L**, Ghoshal K, Jacob S. "Elucidation of the role of microRNA-155 in a murine model of non-alcoholic steatohepatitis." 105th Annual Meeting of the American Association for Cancer Research, San Diego, CA, Apr. 2014.
14. Pitarresi JR, Wu J, Woelke S, Kladney R, Cuitino M, **Yu L**, Ostrowski OC. Ets-2 acts as as novel oncogene in cancer associated fibroblasts and promotes pancreatic tumor initiation and development. AACR, New Orleans, May 2014.
15. **Yu L**, Zhang J. Sample size calculation for high-dimensional count data. OSU BMI retreat, Mar. 2014.
16. **Yu L**, Zhang J. Sample size calculation for high-dimensional count data. OSU-Cleveland joint symposium, May 2014.
17. **Yu L**. Challenges and Strategies in high-dimensional genomic data analysis with small sample sizes. BMI seminar, Apr. 2014.
18. **Yu L** and Jarjoura, D. "Variance smoothing with multiple groups via fully moderated t-statistic." Joint Statistical Meeting, Montreal, Aug. 2013.
19. **Yu L**. "Integration of omics data". The Ohio State University Center for Clinical and Translational Science Genomic Medicine Conference, Apr. 2013.
20. **Yu L**, Jarjoura D, Pringle D, Kirschner L. "Identifying inconsistencies and consistencies between mouse models and human cancers using high dimensional data." Joint Statistical Meeting, San Diego, Aug. 2012.
21. Kota J, Hsu SH, Wang B, Kutay H, Costinean S, Bai S, **Yu L**, La Perle K, Chivukula RR, Clark KR, Jacob S, Mendell JR, Ghoshal K, Mendell, JT. "Tumor suppressor proterties of miR-122 and its biological function in mouse liver." American Society of Gene and Cell Therapy's 14th Annual Meeting In Seattle, Washington.

22. **Yu L**, Jarjoura D and Fernandez S. "Statistical problems in microarray data analysis with small sample sizes." The Ohio State University Comprehensive Cancer Center Shared Resources Workshop, Sep. 2010.
23. Gulati P, Jarjoura D, Fernandez S, **Yu L** and Pennell M. "An improved variance-smoothing method for testing differential expression in small-sample-size affymetrix oligonucleotide microarrays." Joint Statistical Meeting, Vancouver CA, Aug. 2010.
24. Gulati P, Jarjoura D, Fernandez S, **Yu L** and Pennell M. "Variance-smoothing method for testing differential expression in affymetrix oligonucleotide microarrays." Joint Statistical Meeting, Washington D.C., Aug. 2009.
25. **Yu L**, Jarjoura D and Fernandez S. "Statistical problems in microarray data analysis with small sample sizes." The Ohio State University Comprehensive Cancer Center Shared Resources Workshop, Mar. 2009. **Yu L**, Ruppert AS, Jarjour D, Rao Y, Hua K, Lee Y and Hsu J. "Overcoming multiple testing with small sample sizes." The 9th Annual OSU Comprehensive Cancer Center Scientific Meeting, Feb. 2007.
26. **Yu L** and Doerge RW. "Statistical issues in protein microarray data analysis.", Bioinformatics Seminar, Purdue University, 2006.
27. **Yu L**, Hewitt SM, Skacel M, Klein EA and Doerge RW. "Application of tissue microarrays to study proteins in prostate cancer." Conference on Applied Statistics in Agriculture, Kansas State University, Apr. 2005.
28. **Yu L**, Haab BB and Doerge RW. "Statistical analysis of protein microarray data." Joint Statistical Meetings, Toronto CA, Aug. 2004.
29. **Yu L**, Haab BB and Doerge RW. "Reproducibility and analysis of protein microarray." First Annual Indiana Bioinformatics Conference, Indianapolis IN, May 2004.
30. **Yu L**, Haab BB and Doerge RW. "Reproducibility and analysis of protein microarray." Conference on Applied Statistics in Agriculture, Kansas State University, Apr. 2004.