

## Zach Liu Publications

Gao Da and Zach Liu. Cyclin D1 + large B-cell lymphoma with altered CCND1 and BCL-6 rearrangements: a diagnostic challenge. *Biomarker Research*. 2019; 7:11.

Karen Seiter, Kyaw Htun, Paul Baskind, and **Zach Liu**. Acute myeloid leukemia in a father and son with a germline mutation of *ASXL1*. *Biomarker Research*. 2018; 6:7

Maughan, B. L., Guedes, L. B., Boucher, K., Rajoria, G., **Liu, Z.**, Klimek, S., Lotan, T. L. (2018). p53 status in the primary tumor predicts efficacy of subsequent abiraterone and enzalutamide in castration-resistant prostate cancer. *Prostate Cancer and Prostatic Diseases*. 2018; 21, 260–268.

Liana B. Guedes, Fawaz Almutairi, Michael Haffner, Gaurav Rajoria, **Zach Liu**, Szczepan Klimek, Roberto Zoino, Kasra Yousefi, Rajni Sharma, Angelo M. De Marzo, George J. Netto, William B. Isaacs, Ashley E. Ross, Edward M. Schaeffer and Tamara L. Lotan Analytic, Preanalytic, and Clinical Validation of p53 IHC for Detection of *TP53* Missense Mutation in Prostate Cancer *Clin Cancer Res*, 2017; 15;23(16):4693-4703

Fawaz Almutairi, Michael C Haffner, Gaurav Rajoria, **Zach Liu**, Tamara Lotan. Validation of p53 Immunohistochemistry for Sensitive and Specific Detection of TP53 Mutation in Prostate Cancer. *Mod Pathol* 2016; 30: 210.

**Zach Liu**, Ming Zhou, Herber Lepor, Roberto Zoino, Gaurav Rajoria, Szczepan Klimek. Mutational Analysis of Prostate Cancer Using Next Generation Cancer Hotspot Panel. *Mod Pathol* 2016, 29: 246a.

Ming Zhou, **Zach Liu**, Roberto Zoino, Chrysostomos Chrysostomou, Gaurav Rajoria, Szczepan Klimek, Herber Lepor. Mutational Analysis of Gleason Score 7 Prostate Cancer Using Next Generation Sequencing and Fluorescent In Situ Hybridization. *Mod Pathol* 2016, 29: 272a.

Y Sun, J Joseph and **Z Liu**. Genetic Mutations Screen by Next Generation Sequencing in AML/MDS. *Modern Pathology*, 2014, S2:380a.

Y Sun and **Z Liu**. Application of Next Generation sequencing to myeloid malignancies, *J Mol Diagn* 2013, 15:869.

Henry Y. Dong, James Weisberger, **Zach Liu**, and Sorina Tugulea. Immunophenotypic Analysis of CD103+ B-Lymphoproliferative Disorders Hairy Cell Leukemia and Its Mimics. *Am J Clin Pathol* 2009;131:586-595.

Dong HY, P Brown, **Z Liu** and M Gangi. PAX-5 is invariably expressed in B-cell lymphomas without plasma cell differentiation. *Histopathology*. 2008; 53:278-287.

**Liu Z** et al. Refractory anemia with Ringed Sideroblasts Associated with Marked Thrombocytosis. *Mod Pathol*. 2005; 18:240a.

Gorczyca G, ... **Liu Z**. Acute myeloid Leukemia with High Side Scatter and Lack of Blastic Markers: Flow Cytometric Parameters that Help to Differentiate from Benign Conditions and Acute Promyelocytic Leukemia. *Mod Pathol*. 2005; 18:231a

Gorczyca G, Tugulea S, **Liu Z** et al. Flow Cytometry in the Diagnosis of Mediastinal Tumors with Emphasis on Differentiating Thymocytes from Precursor T-Lymphoblastic Lymphoma/Leukemia. *Leukemia/Lymphoma*. 2004; 45:529-538.

### Zach Liu Publications

**Liu Z**, Dong H, Gorczyca W. Bone Marrow Involvement by T-Cell Lymphoma/Leukemia. *Mod Pathol.* 2004; 17:257a.

Gorczyca W, **Liu Z**, et al. Immunophenotyping of peripheral T-Cell Lymphoproliferative disorders by Flow Cytometry. Analysis of 220 Cases. *Mod Pathol.* 2004; 17:249a.

Gorczyca W, **Liu Z**, et al. Correlation of PAX-5 Expression with Other Immunophenotypic Markers in Plasma Cell Neoplasia. *Mod Pathol.* 2004; 17:249a.

Dong HY, **Liu Z** et al. B-Cell Malignancies lacking Common Pan-B Cell Antigens Consistently express PAX-5. *Mod Pathol.* 2004; 17:246a.

Weisberger J, Cornfield C, Gorczyca W, and **Liu Z**. Down-Regulation of Pan-T-Cell Antigens, Particularly CD7. *Acute Infectious Mononucleosis. Am J Clin Pathol.* 2003; 120:49-55.

Cornfield D, **Liu Z**, et al. The Potential Role of Flow Cytometry in the Diagnosis of Small Cell Carcinoma. *Arch Pathol Lab med.* 2003; 127:461-464.

Dong HD, Gorczyca W, **Liu Z**, et al. B-cell Lymphoma with Co-expression of CD5 and CD10. *Am J Clin Pathol.* 2003; 119:218-230.

Dong HY, Weisberger J, Gorczyca W, **Liu Z** et al. Characterization of Hairy Cell Leukemia and variants: An Update on Immunophenotype with 209 cases. *Mod Pathol.* 2003; 16:230A.

Gorczyca W, **Liu Z** et al. Blastic NK-cell lymphoma/leukemia-flow cytometric study of 10 cases. *Mod Pathol.* 2003; 16:233A.

Gorczyca W, **Liu Z** et al. CD30-positive T-cell Lymphoma co-expressing CD15: An Immunohistochemical Analysis. *Mod Pathol.* 2003; 16:233A-234A.

Gorczyca W, **Liu Z** et al. Flow Cytometric Detection of biclonal B-cell Lymphoma. *Mod pathol.* 2003; 16:234A.

**Liu Z**. et al. Large Granular Lymphocytic Leukemia of the gamma/delta T-cell type. *Mod pathol.* 2003; 16:243A.

Weisberger J, Gorczyca W. **Liu, Z**, et al. CD56 and CD10 positive B-cell Lymphoma. *Mod pathol.* 2003; 16:258A.

Gorczyca W, Tsang P, and **Liu Z**. et al. CD30 Positive T-cell Lymphoma co-expressing CD15: An Immunohistochemical Analysis. *International journal of oncology.* 2003; 22: 319-324.

**Liu Z**. et al. Phenotypic Abnormalities of Maturing Myeloid Cells by Flow Cytometry in Myelodysplastic Syndromes with Cytogenetic Abnormalities. *Blood.* 2002; 100:377a.

**Liu Z**, et al. CD5 negative Mantle Cell Lymphoma. *American Journal of Clinical Pathology.* 2002; 118:214-224.

Gorczyca W, Weisberger J, **Liu Z**, et al. An Approach to Diagnosis of T-cell Lymphoproliferative Disorders by Flow Cytometry. *Cytometry (Clinical cytometry).* 2002; 50:117-190.

### Zach Liu Publications

**Liu Z**, *et al.* CD5 negative Mantle cell lymphoma. *Blood*. 2002; 98(11): 126a.

**Liu Z**, *et al.* Antigenic Variation in Mantle Cell Lymphoma. *Modern Pathology*. 2002; 15(1): 251a.

Dong H., **Liu Z**, *et al.* B-cell Lymphoma with coexpression of CD5 and CD10: An Immunophenotypic study of 24 cases. *Modern pathology*. 2002; 15(1): 238a.

Weisberger J, **Liu Z**, *et al.* Down-regulation of CD7 in Acute Epstein-Bar virus induced Infectious Mononucleosis. *Modern pathology*. 2002; 15(1): 270a.

Weisberger J., **Liu Z**. HLA-DR negative AML with normal Karyotype. *Mod pathol*. 2001; 14(1): 183a.

Weisberger J., Wu CD, **Liu Z**. et al. Differential diagnosis of Malignant Lymphomas and related disorders by specific pattern of expression of Immunophenotypic Markers revealed by Multiparameter Flow Cytometry (review). *International Journal of oncology*. 2001; 17: 1165-1177.

Rosenbluth J, Liang WL, **Liu Z**. Guo D and Schiff R. Expanded CNS Myelin Sheaths formed *In Situ* in the presence of an IgM Antigalactocerebrocyte-producing Hybridoma. *J. Neurosci. Res.* 1996; 16(8): 2635-2641.

Rosenbluth J, Liang, WL, **Liu Z**, Guo D. and Schiff R. Paranodal Structural Abnormalities in Rat CNS Myelin developing *In Vivo* in the presence of implanted O1 Hybridoma cells. *J. Neurocytol.* 1995; 24: 818-824.

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Glial Cell Transplantation as a Treatment for Myelin Deficiency. *Soc. Neuro. Abstr.* 1995.

Rosenbluth J, Liang WL, **Liu Z**, Guo D and Schiff R. Wide-spaced Myelin Formation *In Situ* in the presence of IgM-producing Hybridomas. *Soc. Neurosci.* 1995; 21:814.

Breeney MJ, Liu Z, and Sordillo EM. E Test and Kirby-Bauer Methods to determine Activity of Cefepime against 100 Multi-Resistant Isolates of *Enterobacter* and *Klebsiella Spp.* Abstract. Annual meeting of American Society of Microbiology. 1995.

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Inhibition of CNS Myelin Development *In Vivo* by Implantation of Anti-GalC Hybridoma Cells. *J. Neurocytol.* 1994; 23,699-707.

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Myelin Formation by Mouse Glia in Myelin Deficient Rats Treated with Cyclosporine. *J. Neurocytol.* 1994; 22, 967-977.

Rosenbluth J, Guo D, **Liu Z** and Schiff R. Effects of Cerebellar Lesions on Tonic Seizures, Tremor and Life Span in Myelin-Deficient Rats. *Brain Res.* 1994; 650: 85-92.

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Effect of Anti-GalC on CNS Myelin Formation. *Soc. Neurosci.* 1992; 18(2): 1449a

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Myelin Formation by Mouse Glia in Myelin Deficient Rats treated with Cyclosporine. *J. Cell Bio.* 1991; 115(2): 214a.

Rosenbluth J, **Liu Z**, Guo D and Schiff R. Adult Oligodendrocyte Fails to Form Myelin after Transplantation into Cyclosporine Treated Rats. *Soc. Neurosci.* 1991; 17(2): 1149.

### **Zach Liu Publications**

Rosenbluth J, Hasegawa M, Shirasaki N, Rosen CL and **Liu Z**. Myelin Formation Following Transplantation of Normal Fetal Glia into Myelin-Deficient Rat Spinal Cord. *J. Neurocyt.* 1990; 19:713-730.

Rosenbluth J, Hasegawa M, Shirasaki N, Rosen CL and **Liu Z**. Myelin Formation in Myelin-Deficient Rat Spinal Cord after Transplantation of Normal Fetal Spinal Cord Culture. *Soc. Neurosci.* 1988; 15(1): 10.

Peng WM, Ding, XD, Liu X and **Liu Z**. Immunosuppressive Effects of Sinomenine. *Acta Pharmaco Sinica.* 1988; 9(4): 377-380.