Stanford

Chih Long Liu

Sr. Research Scientist - Basic Life, Medicine - Med/Oncology

Bio

ACADEMIC APPOINTMENTS

- Sr. Research Scientist - Basic Life, Medicine - Med/Oncology

PROFESSIONAL EDUCATION

- B.S. with Honors, Stanford University , Biological Sciences (2001)
- Ph.D., Harvard University , Cell and Developmental Biology (2006)

Publications

PUBLICATIONS

- **Prediction of survival in diffuse large B-cell lymphoma based on the expression of 2 genes reflecting tumor and microenvironment** *BLOOD*
  Alizadeh, A. A., Gentles, A. J., Alencar, A. J., Liu, C. L., Kohrt, H. E., Houot, R., Goldstein, M. J., Zhao, S., Natkunam, Y., Advani, R. H., Gascoyne, R. D., Briones, J., Tibshirani, et al
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- **Lysine methylation of the NF-kappa B subunit RelA by SETD6 couples activity of the histone methyltransferase GLP at chromatin to tonic repression of NF-kappa B signaling** *NATURE IMMUNOLOGY*
  Levy, D., Kuo, A. J., Chang, Y., Schaefer, U., Kitson, C., Cheung, P., Espejo, A., Zee, B. M., Liu, C. L., Tangsombatvisit, S., Tennen, R. I., Kuo, A. Y., Tanjing, et al
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- **IFN Regulatory Factor 5 Is Required for Disease Development in the Fc gamma RIIB(-/-)Yaa and Fc gamma RIIB-/- Mouse Models of Systemic Lupus Erythematosus** *JOURNAL OF IMMUNOLOGY*
  Richez, C., Yasuda, K., Bonegio, R. G., Watkins, A. A., Aprahamian, T., Busto, P., Richards, R. J., Liu, C. L., Cheung, R., Utz, P. J., Marshak-Rothstein, A., Rifkin, I. R.
  2010; 184 (2): 796-806

- **Epigenome Microarray Platform for Proteome-Wide Dissection of Chromatin-Signaling Networks** *PLOS ONE*
  Bua, D. J., Kuo, A. J., Cheung, P., Liu, C. L., Migliori, V., Espejo, A., Casadio, F., Bassi, C., Amati, B., Bedford, M. T., Guccione, E., Gozani, O.
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- **Cell Cycle- and Chaperone-Mediated Regulation of H3K56ac Incorporation in Yeast** *PLOS GENETICS*
  Kaplan, T., Liu, C. L., Erkmann, J. A., Holik, J., Grunstein, M., Kaufman, P. D., Friedman, N., Rando, O. J.
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- **The Stanford Tissue Microarray Database** *NUCLEIC ACIDS RESEARCH*
  Marinelli, R. J., Montgomery, K., Liu, C. L., Shah, N. H., Prapong, W., Nitzberg, M., Zachariah, Z. K., Sherlock, G. J., Natkunam, Y., West, R. B., van de Rijn, M., Brown, P. O., Ball, et al
  2008; 36: D871-D877

- **TMA-combiner, a simple software tool to permit analysis of replicate cores on tissue microarrays** *MODERN PATHOLOGY*
  Liu, C. L., Montgomery, K. D., Natkunam, Y., West, R. B., Nielsen, T. O., Cheang, M. C., Turbin, D. A., Marinelli, R. J., van de Rijn, M., Higgins, J. P.
  2005; 18 (12): 1641-1648

- **Histone variant H2A.Z marks the 5 ' ends of both active and inactive genes in euchromatin** *CELL*

Raisner, R. M., Hartley, P. D., Meneghini, M. D., Bao, M. Z., Liu, C. L., Schreiber, S. L., Rando, O. J., Madhani, H. D.
2005; 123 (2): 233-248

- **Single-nucleosome mapping of histone modifications in S-cerevisiae** *PLOS BIOLOGY*
  Liu, C. L., Kaplan, T., Kim, M., Buratowski, S., Schreiber, S. L., Friedman, N., Rando, O. J.
  2005; 3 (10): 1753-1769

- **Apo D in soft tissue tumors - A novel marker for dermatofibrosarcoma protuberans** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*
  West, R. B., Harvell, J., Linn, S. C., Lui, C. L., Prapong, W., Hernandez-Boussard, T., Montgomery, K., Nielsen, T. O., Rubin, B. P., Patel, R., Goldblum, J. R., Brown, P. O., van de Rijn, et al
  2004; 28 (8): 1063-1069

- **The use of chromatin immunoprecipitation assays in genome-wide analyses of histone modifications** *CHROMATIN AND CHROMATIN REMODELING ENZYMES, PT B*
  Bernstein, B. E., Humphrey, E. L., Liu, C. L., Schreiber, S. L.
  2004; 376: 349-360

- **Global nucleosome occupancy in yeast** *GENOME BIOLOGY*
  Bernstein, B. E., Liu, C. L., Humphrey, E. L., Perlstein, E. O., Schreiber, S. L.
  2004; 5 (9)

- **Development and validation of a T7 based linear amplification for genomic DNA** *BMC GENOMICS*
  Liu, C. L., Schreiber, S. L., Bernstein, B. E.
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- **Genome-wide analysis of mRNA translation profiles in Saccharomyces cerevisiae** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Arava, Y., Wang, Y. L., Storey, J. D., Liu, C. L., Brown, P. O., Herschlag, D.
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- **Immunoprofile of cervical and endometrial adenocarcinomas using a tissue microarray** *VIRCHOWS ARCHIV*
  Alkushi, A., Irving, J., Hsu, F., Dupuis, B., Liu, C. L., Rijn, M., Gilks, C. B.
  2003; 442 (3): 271-277

- **Tissue microarrays are an effective quality assurance tool for diagnostic immunohistochemistry** *MODERN PATHOLOGY*
  Hsu, F. D., Nielsen, T. O., Alkushi, A., Dupuis, B., Huntsman, D., Liu, C. L., van de Rijn, M., Gilks, C. B.
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- **Software tools for high-throughput analysis and archiving of immunohistochemistry staining data obtained with tissue microarrays** *AMERICAN JOURNAL OF PATHOLOGY*
  Liu, C. L., Prapong, W., Natkunam, Y., Alizadeh, A., Montgomery, K., Gilks, C. B., van de Rijn, M.
  2002; 161 (5): 1557-1565

- **Genomic expression programs and the integration of the CD28 costimulatory signal in T cell activation** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Diehn, M., Alizadeh, A. A., Rando, O. J., Liu, C. L., Stankunas, K., Botstein, D., Crabtree, G. R., Brown, P. O.
  2002; 99 (18): 11796-11801

- **Precision and functional specificity in mRNA decay** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Wang, Y. L., Liu, C. L., Storey, J. D., Tibshirani, R. J., Herschlag, D., Brown, P. O.
  2002; 99 (9): 5860-5865

- **Stereotyped and specific gene expression programs in human innate immune responses to bacteria** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Boldrick, J. C., Alizadeh, A. A., Diehn, M., Dudoit, S., Liu, C. L., Belcher, C. E., Botstein, D., Staudt, L. M., Brown, P. O., Relman, D. A.
  2002; 99 (2): 972-977