

Stanford

Kevin Brennan

Instructor, Medicine - Biomedical Informatics Research

Bio

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Biomedical Informatics Research

Publications

PUBLICATIONS

- **Development of a DNA Methylation-Based Diagnostic Signature to Distinguish Benign Oncocytoma From Renal Cell Carcinoma.** *JCO precision oncology*
Brennan, K. n., Metzner, T. J., Kao, C. S., Massie, C. E., Stewart, G. D., Haile, R. W., Brooks, J. D., Hitchins, M. P., Leppert, J. T., Gevaert, O. n.
2020; 4
- **The impact of DNA methylation on the cancer proteome.** *PLoS computational biology*
Magzoub, M. M., Prunello, M., Brennan, K., Gevaert, O.
2019; 15 (7): e1007245
- **Development and validation of radiomic signatures of head and neck squamous cell carcinoma molecular features and subtypes.** *EBioMedicine*
Huang, C. n., Cintra, M. n., Brennan, K. n., Zhou, M. n., Colevas, A. D., Fischbein, N. n., Zhu, S. n., Gevaert, O. n.
2019
- **Benchmark of long non-coding RNA quantification for RNA sequencing of cancer samples.** *GigaScience*
Zheng, H. n., Brennan, K. n., Hernaez, M. n., Gevaert, O. n.
2019; 8 (12)
- **Methylated SEPTIN9 plasma test for colorectal cancer detection may be applicable to Lynch syndrome** *BMJ OPEN GASTROENTEROLOGY*
Hitchins, M. P., Vogelaar, I. P., Brennan, K., Haraldsdottir, S., Zhou, N., Martin, B., Alvarez, R., Yuan, X., Kim, S., Guindi, M., Hendifar, A. E., Kalady, M. F., DeVecchio, et al
2019; 6 (1)
- **Methylated SEPTIN9 plasma test for colorectal cancer detection may be applicable to Lynch syndrome.** *BMJ open gastroenterology*
Hitchins, M. P., Vogelaar, I. P., Brennan, K. n., Haraldsdottir, S. n., Zhou, N. n., Martin, B. n., Alvarez, R. n., Yuan, X. n., Kim, S. n., Guindi, M. n., Hendifar, A. E., Kalady, M. F., DeVecchio, et al
2019; 6 (1): e000299
- **NSD1 inactivation defines an immune cold, DNA hypomethylated subtype in squamous cell carcinoma**
Brennan, K., Gevaert, O., Sunwoo, J. B., Shin, J.
AMER ASSOC CANCER RESEARCH.2018
- **Benchmark of lncRNA quantification in RNA-Seq of cancer samples**
Zheng, H., Hernaez, M., Brennan, K., Gevaert, O.
AMER ASSOC CANCER RESEARCH.2018
- **Deep learning to predict survival prognosis for patients with non-small cell lung cancer using images and clinical data**
Lee, E. H., Zhou, M., Gamboa, N., Brennan, K., Itakura, H., Nair, V., Napel, S., Wong, S., Gevaert, O.
AMER ASSOC CANCER RESEARCH.2018
- **MethylMix 2.0: an R package for identifying DNA methylation genes.** *Bioinformatics (Oxford, England)*
Cedoz, P., Prunello, M., Brennan, K., Gevaert, O.

2018

- **Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas** *CELL REPORTS*
Campbell, J. D., Yau, C., Bowly, R., Liu, Y., Brennan, K., Fan, H., Taylor, A. M., Wang, C., Walter, V., Akbani, R., Byers, L., Creighton, C. J., Coarfa, et al
2018; 23 (1): 194-+
- **Module Analysis Captures Pancancer Genetically and Epigenetically Deregulated Cancer Driver Genes for Smoking and Antiviral Response.** *EBioMedicine*
Champion, M. n., Brennan, K. n., Croonenborghs, T. n., Gentles, A. J., Pochet, N. n., Gevaert, O. n.
2018; 27: 156-66
- **A systematic review of studies of DNA methylation in the context of a weight loss intervention** *EPIGENOMICS*
Aronica, L., Levine, A. J., Brennan, K., Mi, J., Gardner, C., Haile, R. W., Hitchins, M. P.
2017; 9 (5): 769-787
- **NSD1 inactivation defines an immune cold, DNA hypomethylated subtype in squamous cell carcinoma.** *Scientific reports*
Brennan, K. n., Shin, J. H., Tay, J. K., Prunello, M. n., Gentles, A. J., Sunwoo, J. B., Gevaert, O. n.
2017; 7 (1): 17064
- **Development of prognostic signatures for intermediate-risk papillary thyroid cancer.** *BMC cancer*
Brennan, K., Holsinger, C., Dosiou, C., Sunwoo, J. B., Akatsu, H., Haile, R., Gevaert, O.
2016; 16 (1): 736-?
- **Expression of GBGT1 is epigenetically regulated by DNA methylation in ovarian cancer cells** *BMC MOLECULAR BIOLOGY*
Jaco, F., Hitchins, M. P., Fedier, A., Brennan, K., Nixdorf, S., Hacker, N. F., Ward, R., Heinzelmann-Schwarz, V. A.
2014; 15