

SIgN affiliated publications by Lau Mai Chan

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2025

Lau MC, Borowsky J, Väyrynen JP, Haruki K, Zhao M, Dias Costa A, Gu S, da Silva A, Ugai T, Arima K, Nguyen MN, Takashima Y, Yeong J, Tai D, Hamada T, Lennerz JK, Fuchs CS, Wu CJ, Meyerhardt JA, Ogino S, Nowak JA. Tumor-immune partitioning and clustering algorithm for identifying tumor-immune cell spatial interaction signatures within the tumor microenvironment. *PLoS Comput Biol*. 2025 Feb 18;21(2):e1012707.

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Lee RY, Wu Y, Goh D, Tan V, Ng CW, Lim JCT, Lau MC, Yeong JPS. Application of Artificial Intelligence to In Vitro Tumor Modeling and Characterization of the Tumor Microenvironment. *Adv Healthc Mater*. 2023 Apr 15:e2202457.

Lee RY, Ng CW, Rajapakse MP, Ang N, Yeong JPS, Lau MC. The promise and challenge of spatial omics in dissecting tumour microenvironment and the role of AI. *Front Oncol*. 2023 May 1;13:1172314.

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