

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 cell spatial interaction signatures within the tumor microenvironment. *PLoS Comput Biol*. 2025 Feb 18;21(2):e1012707. doi: 10.1371/journal.pcbi.1012707.

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Azam AB, Wee F, Väyrynen JP, Yim WW, Xue YZ, Chua BL, Lim JCT, Somasundaram AC, Tan DSW, Takano A, Chow CY, Khor LY, Lim TKH, Yeong J, Lau MC, Cai Y. Training immunophenotyping deep learning models with the same-section ground truth cell label derivation method improves virtual staining accuracy. *Front Immunol*. 2024 Jun 28;15:1404640. doi: 10.3389/fimm.2024.1404640.

Zhang Y, Lee RY, Tan CW, Guo X, Yim WW, Lim JC, Wee FY, Yang WU, Kharbanda M, Lee JJ, Ngo NT, Leow WQ, Loo LH, Lim TK, Sobota RM, Lau MC, Davis MJ, Yeo M. Identification of immune cell spatial interaction signatures within the tumor microenvironment. *PLoS Comput Biol*. 2024 Jun 28;20(6):e1012707. doi: 10.1371/journal.pcbi.1012707.

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