

SIgN affiliated publications by Lau Mai Chan

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2023

Kaya NA, Tai D, Lim X, Lim JQ, Lau MC, Goh D, Phua CZJ, Wee FYT, Joseph CR, Lim JCT, Neo ZW, Ye J, Cheung L, Lee J, Loke KSH, Gogna A, Yao F, Lee MY, Shuen TWH, Toh HC, Hilmer A, Chan YS, Lim TK, Tam WL, Choo SP, Yeong J, Zhai W. Multimodal molecular landscape of response to Y90-resin microsphere radioembolization followed by nivolumab for advanced hepatocellular carcinoma. *J Immunother Cancer*. 2023 Aug;11(8):e007106.

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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Rouers A, Appanna R, Chevrier M, Lum J, Lau MC, Tan L, Tay A, Sathiakumar D, Kaur K, Boehme J, Leo YS, Howland SW, Singhal A, Chen J, Fink K. CD27^{hi}CD38^{hi} plasmablasts are activated B cells of mixed origin with distinct function. *iScience*. 2021;24(5):102482.

Penny HL, Sieow JL, Gun SY, Lau MC, Lee B, Tan J, Phua C, Toh F, Nga Y, Yeap WH, Janela B, Kumar D, Chen H, Yeong J, Kenkel JA, Pang A, Lim D, Toh HC, Hon TLK, Johnson CI, Khameneh HJ, Mortellaro A, Engleman EG, Rotzschke O, Ginhoux F, Abastado JP, Chen J, Wong SC. Targeting Glycolysis in Macrophages Confers Protection Against Pancreatic Ductal Adenocarcinoma. *Int J Mol Sci*. 2021;22(12):6350.

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Janela B, Patel AA, Lau MC, Goh CC, Msallam R, Kong WT, Fehlings M, Hubert S, Lum J, Simon Y, Malleret B, Zolezzi F, Chen J, Poidinger M, Satpathy AT, Briseno C, Wohn C, Malissen B, Murphy KM, Maini AA, Vanhoutte L, Williams M, Vial E, Hannequin L, Newell E, Ng LG, Musette P, Yona S, Rachinel FH, Ginhoux F. A subset of type I conventional dendritic cells controls cutaneous bacterial infections through VEGFa-mediated recruitment of neutrophils. *Immunity*. 2019;50:1069-1084;e8.

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Chen H, Lau MC, Wong MT, Newell EW, Poidinger M, Chen JM. Cytokit: A bioconductor package for an integrated mass cytometry data analysis pipeline. *PLoS Comput Biol*. 2016;12(9):e1005112.