

Publications:

1. **Lam MTY**, Duttke SH, Odish MF, Le HD, Hansen EA, Nguyen CT, Trescott S, Kim R, Deota S, Chang MW, Patel A, Hepokoski M, Alotaibi M, Rolfsen M, Perofsky K, Warden AS, Foley J, Ramirez SI, Dan JM, Abbott RK, Crotty S, Crotty Alexander LE, Malhotra A, Panda S, Benner CW, Coufal NG. Profiling Transcription Initiation in Peripheral Leukocytes Reveals Severity-Associated Cis-Regulatory Elements in Critical COVID-19. *bioRxiv*. 2021 Aug 24;. doi: 10.1101/2021.08.24.457187. PubMed PMID: 34462742; PubMed Central PMCID: PMC8404884.
2. Masso-Silva JA, Moshensky A, **Lam MTY**, Odish M, Patel A, Xu L, Hansen E, Trescott S, Nguyen C, Kim R, Perofsky K, Perera S, Ma L, Pham J, Rolfsen M, Olay J, Shin J, Dan JM, Abbott R, Ramirez S, Alexander TH, Lin GY, Fuentes AL, Advani I, Gunge D, Pretorius V, Malhotra A, Sun X, Duran J, Hepokoski M, Crotty S, Coufal NG, Meier A, Alexander LEC. Increased peripheral blood neutrophil activation phenotypes and NETosis in critically ill COVID-19 patients: a case series and review of the literature. *Clin Infect Dis*. 2021 May 14;. doi: 10.1093/cid/ciab437. [Epub ahead of print] PubMed PMID: 33988226; PubMed Central PMCID: PMC8241438.
3. McSharry D, **Lam MT**, Malhotra A. OSA as a probable risk factor for severe COVID-19. *J Clin Sleep Med*. 2020 Sep 15;16(9):1649. doi: 10.5664/jcsm.8708. PubMed PMID: 32713422; PubMed Central PMCID: PMC7970598.
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5. Sulli G, **Lam MTY**, Panda S. Interplay between Circadian Clock and Cancer: New Frontiers for Cancer Treatment. *Trends Cancer*. 2019 Aug;5(8):475-494. doi: 10.1016/j.trecan.2019.07.002. Epub 2019 Aug 3. Review. PubMed PMID: 31421905; PubMed Central PMCID: PMC7120250.
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7. Oishi Y, Spann NJ, Link VM, Muse ED, Strid T, Edillor C, Kolar MJ, Matsuzaka T, Hayakawa S, Tao J, Kaikkonen MU, Carlin AF, **Lam MT**, Manabe I, Shimano H, Saghatelyan A, Glass CK. SREBP1 Contributes to Resolution of Pro-inflammatory TLR4 Signaling by Reprogramming Fatty Acid Metabolism. *Cell Metab*. 2017 Feb 7;25(2):412-427. doi: 10.1016/j.cmet.2016.11.009. Epub 2016 Dec 29. PubMed PMID: 28041958; PubMed Central PMCID: PMC5568699.
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Rev-erb sensitive wound repair in mouse macrophages. *Elife*. 2016 Jul 27;5. doi: 10.7554/eLife.13024. PubMed PMID: 27462873; PubMed Central PMCID: PMC4963201.

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16. Cho H, Zhao X, Hatori M, Yu RT, Barish GD, **Lam MT**, Chong LW, DiTacchio L, Atkins AR, Glass CK, Liddle C, Auwerx J, Downes M, Panda S, Evans RM. Regulation of circadian behaviour and metabolism by REV-ERB- $\alpha$  and REV-ERB- $\beta$ . *Nature*. 2012 Mar 29;485(7396):123-7. doi: 10.1038/nature11048. PubMed PMID: 22460952; PubMed Central PMCID: PMC3367514.

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21. Carlson TR, Yan Y, Wu X, **Lam MT**, Tang GL, Beverly LJ, Messina LM, Capobianco AJ, Werb Z, Wang R. Endothelial expression of constitutively active Notch4 elicits reversible arteriovenous malformations in adult mice. *Proc Natl Acad Sci U S A*. 2005 Jul 12;102(28):9884-9. doi: 10.1073/pnas.0504391102. Epub 2005 Jun 30. PubMed PMID: 15994223; PubMed Central PMCID: PMC1175015.

Grants:

Awards:

Participant as the Young Investigator in the 17<sup>th</sup> Annual Respiratory Disease Young Investigator Forum, National Jewish Health. October 14-17, 2021