

## SIgN affiliated publications by Immanuel Kwok

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### 2024

Dunsmore G, Guo W, Li Z, Bejarano DA, Pai R, Yang K, Kwok I, Tan L, Ng M, De La Calle Fabregat C, Yam A, Bougouin A, Mulder K, Thomas J, Villar J, Bied M, Kloeckner B, Dutertre CA, Gessain G, Chakarov S, Liu Z, Scoazec JY, Lennon-Dumenil AM, Marichal T, Sautès-Fridman C, Fridman WH, Sharma A, Su B, Schlitzer A, Ng LG, Blériot C, Ginhoux F. Timing and location dictate monocyte fate and their transition to tumor-associated macrophages. *Sci Immunol*. 2024 Jul 26;9(97):eadk3981.

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Liu Z, Wang H, Li Z, Dress RJ, Zhu Y, Zhang S, De Feo D, Kong WT, Cai P, Shin A, Piot C, Yu J, Gu Y, Zhang M, Gao C, Chen L, Wang H, Vétillard M, Guermonprez P, Kwok I, Ng LG, Chakarov S, Schlitzer A, Becher B, Dutertre CA, Su B, Ginhoux F. Dendritic cell type 3 arises from Ly6C<sup>+</sup> monocyte-dendritic cell progenitors. *Immunity*. 2023 Aug 8;56(8):1761-1777.

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Montaldo E, Lusito E, Bianchessi V, Caronni N, Scala S, Basso-Ricci L, Cantaffa C, Masserdotti A, Barilaro M, Barresi S, Genua M, Vittoria FM, Barbiera G, Lazarevic D, Messina C, Xue E, Markt S, Tresoldi C, Milani R, Ronchi P, Gattillo S, Santoleri L, Di Micco R, Ditadi A, Belfiori G, Aleotti F, Naldini MM, Gentner B, Gardiman E, Tamassia N, Cassatella MA, Hidalgo A, Kwok I, Ng LG, Crippa S, Falconi M, Pettinella F, Scapini P, Naldini L, Ciceri F, Aiuti A, Ostuni R. Cellular and transcriptional dynamics of human neutrophils at steady state and upon stress. *Nat Immunol*. 2022 Oct;23(10):1470-1483.

Zhang Y, Wang Q, Mackay CR, Ng LG#, Kwok I#. Neutrophil subsets and their differential roles in viral respiratory diseases. *J Leukoc Biol*. 2022 Jun;111(6):1159–73. #Co-corresponding author

Teh YC, Chooi MY, Liu D, Kwok I, Lai GC, Ayub OwYong L, Ng M, Li JLY, Tan Y, Evrard M, Tan L, Liong KH, Leong K, Goh CC, Chan AYJ, Shadan NB, Mantri CK, Hwang YY, Cheng H, Cheng T, Yu W, Tey HL, Larbi A, St John A, Angeli V, Ruedl C, Lee B, Ginhoux F, Chen SL, Ng LG, Ding JL, Chong SZ. Transitional

premonocytes emerge in the periphery for host defense against bacterial infections. *Sci Adv.* 2022 Mar 4;8(9):eabj4641.

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## 2021

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Kwok I\*, Becht E, Xia Y, Ng M, Teh YC, Tan L,