

## **SIgN affiliated publications by Shanshan HOWLAND**

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### **2024**

Loh ZX, Lim TW, Howland SW, Awate S, Renia L, Chen J, Ren EC. Single-Cell Transcriptome Profiling of Scale Drop Disease Virus-Infected Asian Seabass (*Lates calcarifer*). *Aquac. J.* 2024, 4(2), 28-43.

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Coenen I, de Jong E, Jones AC, Khoo SK, Foo S, Howland SW, Ginhoux F, Le Souëf PN, Holt PG, Strickland DH, Laing IA, Leffler J. Impaired interferon response in plasmacytoid dendritic cells from children with persistent wheeze. *J Allergy Clin Immunol.* 2023 Dec 16:S0091-6749(23)02448-X.

Chua C, Sethi R, Ong J, Low JH, Yew YW, Tay A, Howland SW, Ginhoux F, Chen J, Common JEA, Andiappan AK. Late inflammatory monocytes define circulatory immune dysregulation observed in skin microbiome-stratified atopic dermatitis. *J Dermatol Sci.* 2023 Nov 3:S0923-1811(23)00236-0.

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Lee CY, Carissimo G, Teo TH, Tong SJM, Chang ZW, Rajarethinam R, Chua TK, Chen Z, Chee RS, Tay A, Howland SW, Ang KS, Chen J, Renia L, Ng LFP. CD8+ T Cells Trigger Auricular Dermatitis and Blepharitis in Mice after Zika Virus Infection in the Absence of CD4+ T Cells. *J Invest Dermatol.* 2022 Dec 23:S0022-202X(22)02893-7.

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Ong HH, Andiappan AK, Duan K, Lum J, Liu J, Tan KS, Howland S, Lee B, Ong YK, Thong M, Chow VT, Wang DY. Transcriptomics of rhinovirus persistence reveals sustained expression of RIG-I and interferon-stimulated genes in nasal epithelial cells in vitro. *Allergy.* 2022 Mar 10. [Epub ahead of print]

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Lee WC, Russell B, Sobota RM, Ghaffar K, Howland SW, Wong ZX, Maier AG, Dorin-Semblat D, Biswas S, Gamain B, Lau YL, Malleret B, Chu C, Nosten F, Renia L. Plasmodium-infected erythrocytes induce secretion of IGFBP7 to form type II rosettes and escape phagocytosis. *Elife*. 2020 Feb 18;9:e51546.

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Claser C, Nguee SYT, Balachander A, Wu Howland S, Becht E, Gunasegaran B, Hartimath SV, Lee AWQ, Theng Theng Ho J, Bing Ong C, Newell EW, Goggi J, Ng LG, Renia L. Lung endothelial cell antigen cross-presentation to CD8<sup>+</sup>T cells drives malaria-associated lung injury. *Nat Commun*. 2019 Sep 18;10(1):4241.

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Schmidt KE, Kuepper JM, Schumak B, Alferink J, Hofmann A, Howland SW, Rénia L, Limmer A, Specht S, Hoerauf A. Doxycycline inhibits experimental cerebral malaria by reducing inflammatory immune reactions and tissue-degrading mediators. *PLoS One*. 2018 Feb 13;13(2):e0192717.

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\* denotes shared first authorship