

SIgN affiliated publications by ShansharHOWLAND

Last updated: 20 June 2024

2024

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

2023

Coenen I, de Jong E, Jones AC, Khoo SK, Foo S, Howland SW, Ginhoux FPN, Soler 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:S009749(23)02448X.

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:S092311(23)002360.

Park DS, Kozaki T, Tiwari SK, Moreira M, Khalilnezhad A, Torta F, Olivie N, Thiam CH, Liani O, Silvin A,

2021

Andiappan AK, Asad M, Chua C, Sehanobish E, Ren Z, Chan XY, Lum J, Ang N, Duan K, Gersten A, Abuzeid WM, Akbar N, Gibber M, Howland S, Lee B, Rotzschke O, Porcelli SA, Jerschow E. Neutrophilic inflammation and epithelial barrier disruption in nasal polyps characterize NSAID exacerbated respiratory disease. *Allergy* 2021 Dec 18. [Epub ahead of print]

Baeza Garcia A, Siu E, Du X, Leng L, Frayle B, Janse CJ, Howland SW, Rénia L, Lolis E, Bucala R. Suppression of Plasmodium MOP74 signaling protects against severe malaria. *FASEB J*. Dec;35(12):e21997.

Fong SW, Yeo NK, Chan YH, Goh YS, Amrun SN, Ang N, Rajapakse MP, Lum J, Foo S, Lee CY, Carissim G, Chee RS, Torrealba A, Tay MZ, Chang ZW, Poh CM, Young BE, Tambyah PA, Kalimuddin S, Leo YS, Lye DC, Lee B, Biswas S, Howland SW, Renia L, Ng LFP. Specific Adaptive Immunity in COVID-19 Pm3.7 0 Spnia L,01ts ASh1ts( )11-1S s

Defining Markers and Identifies Circulating Inflammatory Dendritic Cells. *Community*. 2019 Sep 17;51(3):573-589.e8.

2018

Fernandes P, Howland SW, Heiss K, Hoffmann A, Hernández MA, Obrová K, Frank R, Wiedemann P, Bendzus M, Rénia L, Mueller AK. A Plasmodium Stage-Antigen Contributes to the Development of Experimental Cerebral Malaria. *Front Immunol* 2018 Aug 14;9:1875.

Gun SY, Claser C, Teo TH, Howland SW, Poh CM, Chye RRY, Ng LFP, Rénia L. Interferon regulatory factor 1 is essential for pathogenic CD8+ T cell migration and retention in the brain during experimental cerebral malaria. *Cell Microbiol* 2018 May;20(5):e12819.

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 8.081-6.4T4 Tc -8-6.4 (e)3u (c)-1.9(w)-rin;012209.

Koh S, Shimasaki N, Suwanarusk R, Ho ZZ, Chia A, Banu N, Howland SW, Ong AS, Gehring AJ, Stauss H, Renia L, Sällberg M, Campana D, Bertoletti A. A practical approach to immunotherapy of hepatocellular carcinoma using T cells redirected against hepatitis B [Mol Ther Nucleic Acids](#). 2013; 2:e114.

Howland SW, Poh CM, Gun SY, Claser C, Malleret B, Shastri N, Ginhoux F, Grotenbreg GM, Rénia L. Brain microvessel cross-presentation is a hallmark of experimental cerebral malaria. [EMBO Mol Med](#). 2013; 5(7):916-21.

2012

Rénia L, Howland SW, Claser C, Charlotte Gruner A, Suwanarusk R, Hui Teo T, Russell B, Ng LF. Cerebral malaria: mysteries at the blood-brain barrier. [Virulence](#) 2012; 3(2):193-201.

2011

Malleret B, Claser C, Ong AS, Suwanarusk R, Sriprawat K, Howland SW, Russell B, Nosten F, Rénia L. A rapid and robust tricolor flow cytometry assay for monitoring Cr5 (F)1.57S-m((y)-4.5 ( )-1.a-3 (b(b)2.2 (10.4 (

\* denotes shared first authorship