

SlgN affiliated publications by Anand ANDIAPPAN

2023

Andiappan AK. Rat *Ornithobacterium* H. myocytes, T cells, and dendritic cells in the skin microbiome stratified atopic dermatitis [J Dermatol Sci](#) 2023 Nov 3:S09238111(23)00236-0.

Lee WWL, Puan KJ, Lee B, Chua C, Koh SM, Yusof N, Tan KP, Luis BS, Ong J, Merid SK, Ang R, Chan X, Hui LJ, Terenzani E, Lum J, Foo S, Zolezzi F, Yan ATS, Melen E, Yi SJ, Rotzschke O, Andiappan AK.

Renia L, Ng LFP, Lee B, Röttschke O. Data Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. [Front Immunol](#) 2021 Nov 19;12:710217.

Võsa U, Claringbould A, Westra HJ, Bonder MJ, Deelen P, Zeng B, Kirsten H, Saha A, Kreuzhuber R, Yazar S, Brugge H, Oelen R, de Vries DH, van der Wijst MGP, Kasela S, Pervjakova N, Alves I, Favé MJ, Agbessi M, Christiansen MW, Jansen R, Seppälä I, Tong L, Teumer A, Schramm K, Hemani G, Verlouw J, Yaghootkar H, Sönmez Flitman R, Brown A, Kukushkina V, Kalnapenkis A, Rüeger S, Porcu E, Kronberg J, Kettunen J, Lee B, Zhang F, Qi T, Hernandez JA, Arindrarto W, Beutner F; BIOS Consortium; i2QTL Consortium, Dmitrieva J, Elansary M, Fairfax BP, Georges M, Heijmans BT, Hewitt AW, Kähönen M, Kim Y, Knight JC, Kovacs P, Krohn K, Li S, Loeffler M, Marigorta UM, Mei H, Momozawa Y, Müller-

N, Common JEA. Atopic dermatitis microbiomes stratify into ecological dermatotypes enabling microbial virulence and disease severity. [J Allergy Clin Immunol](#). 2020 Oct 8674992031398.

2019

Peng Y, Zi XX, Teng TF, Lee B, Lum J, Tang SA, Tan KS, Qiu QH, Ye J, Shi L, Guan WJ, Andiappan A, Wang Y. Whole-

SE, Pedersen CB, Bøen E, Boks MP, Boocock J, Budde M, Bunney W, Burmeister M, Bybjerg-Grauholm J, Byerley W, Casas M, Cerrato F, Cervantes P, Chambert K, Charney AW, Chen D, Churchhouse C, Clarke TK, Coryell W, Craig DW, Cruceanu C, Curtis D, Czerski PM, Dale AM, de Jong S, Degenhardt F, Delavero J, DePaulo JR, Djurovic S, Dobbryn AL, Dumont A, Elvsåshagen T, Escott Price V, Fan CC, Fischer SB, Flickinger M, Foroud TM, Forty L, Frank J, Fraser C, Freimer NB, Frisén L, Gade K, Gage D, Garnham J, Giambartolomei C, Pedersen MG, Goldstein J, Gordon SS, Gordon K, Green EK, Green MJ, Greenwood TA, Grove J, Guan W, ~~Raman~~ ~~Raman~~, Hamshere ML, Hautzinger M, Heilbronner U, Herms S, Hipolito M, Hoffmann P, Holland D, Huckins L, Jamain S, Johnson JS, J1 Tc 0.09 ()TJSs.9 (Jo)-9.66 (E)56.1a(H)2.46r4-5. (u)2.3-(rc)-25c,ed [(F)-1. (r)-2. (b)-0.7Jo,.9 (Jo)-90.8

T, Fehr E, Hinds DA, Johannesson M, Kumari M, Laibson D, Magnusson PKE, Meyer MN, Navarro A, Palmer AA, Pers TH, Posthuma D, Schunk D, Stein MB, Svento R, Tiemeier H, Timmers PRHJ, Turley P, Ursano RJ, Wagner GG, Wilson JF, Gratten J, Lee JJ, Cesarini D, Benjamin DJ, Koellinger PD, Beauchamp JP. Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. [Nat Genet](#) 2019 Feb;51(2):245-257.

Matta SA, Blancher R, Rethore S, Sio YY, Suri BK, Andiappan AK, Anantharaman R, Piketty C, Bourdes V, Chew FT. Different phenotypes and factors associated with atopic dermatitis in the young adult Singaporean Chinese population: A cross-sectional study. [World Allergy Organ J](#) 2019 Jan 26;12(1):100008.

Timmers PR, Mounier N, Lall K, Fischer K, Ning Z, Feng X, Bretherick AD, Clark DW; eQTLGen Consortium, Agbessi M, Ahsan H, Alves I, Andiappan A, Awadalla P, Battle A, Bonder MJ, Boomsma D, Christiansen M, Claringbould A, Deelen P, van Dongen J, Esko T, Favé M, Franke L, Frayling T, Gharib SA, Gibson G, Hemani G, Jansen R, Kalnapenkis A, Kasela S, Kettunen J, Kim Y, Kirsten H, Kovacs P, Krohn K, Kronenberg J, Kukushkina V, Kutalik Z, Kähönen M, Lee B, Lehtimäki T, Loeffler M, Marigorta U, Metspalu A, van Meurs J, Milani L, Mulas M, Nauck M, Nivard M, Penninx B, Perola M, Pervjakova N, Pierce B, Powell J, Prokisch H, Psaty BM, Raitakari O, Ring S, Ripatti S, Rotzschke O, Ruëger S, Saha A, Scholz M, Schramm K, Seppälä I, Stumvoll M, Sullivan P, Teumer A, Thiery J, Tong L, Tönjes A, Verlouw J, Visscher PM, Vösa U, Völker U, Yaghootkar H, Yang J, Zeng B, Zhang F, Shen X, Esko T, Kutalik Z, Wilson JF, Joshi PK. Genomics of 1 million parent lifespans

DJ, Stefansson H, Steinberg S, Stockmeier CA, Streit F, Strohmaier J, Tansey KE, Teismann H, Teumer A, Thompson W, Thomson PA, Thorgeirsson TE, Tian C, Traylor M, Treutlein J, Trubetskoy V, Uitterlinden AG, Umbricht D, Van der Auwera S, van Hemert AM, Viktorin A, Visscher PM, Wang Y, Webb BT, Weinsheimer SM, Wellmann J, Willemsen G, Witt SH, Wu Y, Xi HS, Yang J, Zhang F; eQTLGen; 23andMe, Arolt V, Baune BT, Berger K, Boomsma DI, Cichon S, Dannlowski U, de Geus ECJ, DePaulo JR, Domenici E, Domschke K, Esko T, Grabe HJ, Hamilton SP, Hayward C, Heath AC, Hinds DA, Kendler KS, Kloiber S, Lewis G, Li QS, Lucae S, Madden PFA, Magnusson PK, Martin NG, McIntosh AM, Metspalu A, Mors O, Mortensen PB, Mühleisen T, Nöthen MM, O'Donovan MC, Paciga SA, Pedersen NL, Penninx BWJH, Perlis RH, Porteous DJ, Potash JB, Preisig M, Rietschel M, Schaefer C, Schulze TG, Smoller JW, Stefansson K, Tiemeier H, Uher R, Völzke H, Weissman MM, Werge T, Winslow AR, Lewis CM, Levinson DF, Breen G, Børglum AD, Sullivan PF; Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. [Nat Genet.](#) 2018 May;50(5):668-681.

2017

Liu H, Wang Z, Li Y, Yu G, Fu X, Wang C, Liu W, Yu Y, Bao F, Irwanto A, Liu J, Chu T, Andiappan AK, Maurer-Stroh S, Limviphuvadh V, Wang H, Mi Z, Sun Y, Sun L, Wang L, Wang C, You J, Li J, Foo JN, Liany H, Meah WY, Niu G, Yue Z, Zhao Q, Wang N, Yu M, Yu W, Cheng X, Khor CC, Sim KS, Aung T, Wang N, Wang D, Shi L, Ning Y, Zheng Z, Yang R, Li J, Yang J, Yan L, Shen J, Zhang G, Chen S, Liu Zhang F. Genome-wide Analysis of Protein-Coding Variants in Leprosy. [J Invest Dermatol.](#) 2017 Dec;137(12):2542-2551.

Lepik K, Annilo T, Kukuškina V; eQTLGen Consortium, Kisand K, Kutalik Z, Peterson P, Peterson H. C reactive protein upregulates the whole blood expression of CD59 integrative analysis. [PLoS Comput Biol](#) 2017 Sep 18;13(9):e1005766.

Farzan N, Vijverberg SJ, Andiappan AK, Arianto L, Berce V, Bapaz A, Bisgaard H, Bønnelykke K, Burchard EG, Campo P, Canino G, Carleton B, Celedón JC, Chew FT, Chiang WC, Cloutier MM, Daley D, Den Dekker HT, Dijk NF, Duijts L, Flores C, Forno E, Hawcutt DB, Hejblum N, de Jongste JC, Kabesch M, Koppelman GH, Manolopoulos VG, Melén E, Mukhopadhyay S, Nilsson S, Palmer CN, Pino-Yanes M, Pirmohamed M, Potočnik U, Raaijmakers JA, Repnik K, Schieck M, Sio YY, Smyth RL, Szalai C, Tantisira KG, Turner S, van der Schee MP, Verhamme KM, Maitland Zee AH. Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. [Pharmacogenomics](#) 2017 Jul;18(10):939-943.

Obeidat M, Nie Y, Chen V, Shannon CP, Andiappan AK, Lee B, Rotzschke O, Castaldi PJ, Hersh CP, Fishbane N, Ng RT, McManus B, Miller BE, Rennard S, Paré PD, Sin DD. Blood analysis reveals novel gene signatures in peripheral blood of patients with chronic obstructive pulmonary disease. [Respir Res](#) 2017 Apr 24;18(1):72.

Puan KJ, Andiappan AK, Lee B, Kumar D, Lai TS, Yeo G, Bercin D, Starke M, Haase D, Lum J, Chew FT, Connolly J, Wong SC, Zolezzi F, Poidinger M, Wang Y, Röttschke O. Systematic characterization of basophil anergy. [Allergy](#) 2017 Mar;72(3):373-384.

Kumar D, Puan KJ, Andiappan AK, Lee B, Westerlaken GH, Haase D, Melchioti R, Li Z, Yusof N, Lum J, Koh G, Foo S, Yeong J, Alves AC, Pekkanen J, Sun LD, Irwanto A, Fairfax BP, Naranbhai V, Common JE, Tang M, Chuang CK, Jarvelin MR, Knight JC, Zhang X, Chew FT, Prabhakar S, Jianjun L, Wang Y, Zolezzi F, Poidinger M, Lane EB, Meygaard L, Röttschke O. A functional SNP associated with atopic dermatitis controls cell type5 (-)4 (l)-2(rm)-6m01,t-4 (-)4 (3c)-2 (5-6.6 (p)3.2 (h)2p)-0.7-1ch3 (a)10 d (yTM6 (6 m10.00

Nilsson D, Andiappan AK, Halldén C, Tim CF, Säll T, Wang DY, Cardell LO. (2013) Poor Reproducibility of Allergic Rhinitis SNP Associations. [PloS One](#) 2013;8(1):e53975.