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*Ann Diagn Pathol.* 2018 Dec;37:12-19. doi: 10.1016/j.anndiagpath.2018.09.002. Epub 2018 Sep 11.

**An integrated automated multispectral imaging technique that simultaneously detects and quantitates viral RNA and immune cell protein markers in fixed sections from Epstein-Barr virus-related tumours.**

Wee YTF, Alkaff SMF, Lim JCT, Loh JJH, Hilmy MH, Ong C, Nei WL, Jain A, Lim A, Takano A, Azhar R, Wan WK, Newell E, Yeong J, Lim TKH.

---

*J Autoimmun.* 2018 Nov;94:90-98. doi: 10.1016/j.jaut.2018.07.014. Epub 2018 Aug 1.

**Molecular mechanisms of autophagic memory in pathogenic T cells in human arthritis.**

Kumar P, Yao LJ, Saidin S, Paleja B, van Loosdregt J, Chua C, Arkachaisri T, Consolaro A, Gattorno M, Martini A, Pischel KD, Williams GW, Lotz M, Albani S.

---

*J Clin Med.* 2018 May 13;7(5). pii: E113. doi: 10.3390/jcm7050113.

**Association of Cardiovascular Health with Epicardial Adipose Tissue and Intima Media Thickness: The KardioVize Study.**

Hruskova J, Maugeri A, Podroužková H, Štípalová T, Jakubík J, Barchitta M, Medina-Inojosa JR, Homolka M, Agodi A, Kunzova S, Sochor O, Lopez-Jimenez F, Vinciguerra M.

---

*Nutr Metab Cardiovasc Dis.* 2018 Apr 18. pii: S0939-4753(18)30123-6. doi: 10.1016/j.numecd.2018.04.002.

**Association between eating time interval and frequency with ideal cardiovascular health: Results from a random sample Czech urban population.**

Maugeri A, Kunzova S, Medina-Inojosa JR, Agodi A, Barchitta M, Homolka M, Kiacova N, Bauerova H, Sochor O, Lopez-Jimenez F, Vinciguerra M.

---

*Nutrition and Healthy Aging, vol. Pre-press, no. Pre-press, pp. 1-7, 2018. DOI: 10.3233/NHA-170039. Published: 25 March 2018*

**Smart devices and healthy aging**

Vinciguerra, Sergioa and Vinciguerra, Manlio

---

*Neurosci Biobehav Rev.* 2018 Dec;95:361-382. doi: 10.1016/j.neubiorev.2018.07.016. Epub 2018 Aug 2.

**A systematic review of *Drosophila* short-term-memory genetics: Meta-analysis reveals robust reproducibility.**

Tumkaya T, Ott S, Claridge-Chang A

---

*J Invest Dermatol.* 2018 Aug;138(8):1851-1861. doi: 10.1016/j.jid.2018.02.033. Epub 2018 Mar 9.

**Dual Role of the Anaphase Promoting Complex/Cyclosome in Regulating Stemness and Differentiation in Human Primary Keratinocytes.**

Quek LS, Grasset N, Jasmen JB, Robinson KS, Bellanger S.

---

*Angew Chem Int Ed Engl.* 2018 Aug 20;57(34):10873-10878. doi: 10.1002/anie.201804304. Epub 2018 Jul 18.

RGB-Color Intensiometric Indicators to Visualize Spatiotemporal Dynamics of ATP in Single Cells.

Arai S<sup>•</sup>, Kriszt R, Harada K, Looi LS<sup>•</sup>, Matsuda S, Wongso D, Suo S, Ishiura S, Tseng YH, Raghunath M, Ito T<sup>•</sup>, Tsuboi T<sup>•</sup>, Kitaguchi T<sup>•</sup>.

---

*J Immunother Cancer.* 2019 Feb 6;7(1):34. doi: 10.1186/s40425-019-0499-y.

**Prognostic value of CD8 + PD-1+ immune infiltrates and PDCD1 gene expression in triple negative breast cancer.**

Yeong J, Lim JCT, Lee B, Li H, Ong CCH, Thike AA<sup>•</sup>, Yeap WH, Yang Y<sup>•</sup>, Lim AYH, Tay TKY, Liu J, Wong SC, Chen J, Lim EH, Iqbal J<sup>•</sup>, Dent R, Newell EW, Tan PH<sup>•</sup>.

---

*Gut.* 2018 Jul 3. pii: gutjnl-2018-316510. doi: 10.1136/gutjnl-2018-316510.

**Multidimensional analyses reveal distinct immune microenvironment in hepatitis B virus-related hepatocellular carcinoma.**

Lim CJ<sup>#</sup>, Lee YH<sup>#</sup>, Pan L, Lai L, Chua C, Wasser M, Lim TKH<sup>•</sup>, Yeong J, Toh HC<sup>•</sup>, Lee SY<sup>•</sup>, Chan CY<sup>•</sup>, Goh BK<sup>•</sup>, Chung A<sup>•</sup>, Heikenwälder M, Ng IO, Chow P<sup>•</sup>, Albani S<sup>#</sup>, Chew V<sup>#</sup>.

---

*Glia.* 2018 Oct;66(10):2045-2057. doi: 10.1002/glia.23458. Epub 2018 Aug 25.

**Microglia heterogeneity along a spatio-temporal axis: More questions than answers.**

Silvin A, Ginhoux F.

---

*Nat Commun.* 2018 Sep 25;9(1):3905. doi: 10.1038/s41467-018-06227-9.

---

**Plasmodium co-infection protects against chikungunya virus-induced pathologies.**

Teo TH, Lum FM, Ghaffar K, Chan YH, Amrun SN, Tan JJJ, Lee CYP, Chua TK, Carissimo G, Lee WWL, Claser C, Rajarethinam R, Rénia L, Ng LFP.

---

*Life Sci Alliance*. 2019 Jan 21;2(1). pii: e201900298. doi: 10.26508/lsa.201900298. Print 2019 Feb.

**Viperin controls chikungunya virus-specific pathogenic T cell IFN $\gamma$  Th1 stimulation in mice.**

Carissimo G, Teo TH, Chan YH, Lee CY, Lee B, Torres-Ruesta A, Tan JJ, Chua TK, Fong SW, Lum FM, Ng LF.

---

*Sci Immunol*. 2019 Jan 25;4(31). pii: eaau8380. doi: 10.1126/sciimmunol.aau8380.

**Conventional DCs sample and present myelin antigens in the healthy CNS and allow parenchymal T cell entry to initiate neuroinflammation.**

Mundt S, Mrdjen D, Utz SG, Greter M, Schreiner B, Becher B.

---

*Nat Commun*. 2018 Mar 16;9(1):1102. doi: 10.1038/s41467-018-03495-3.

**Calcineurin-mediated IL-2 production by CD11c<sup>high</sup>MHCII<sup>+</sup> myeloid cells is crucial for intestinal immune homeostasis.**

Mencarelli A, Khameneh HJ, Fric J, Vacca M, El Daker S, Janela B, Tang JP, Nabti S, Balachander A, Lim TS, Ginhoux F, Ricciardi-Castagnoli P, Mortellaro A.

---

*Front Genet*. 2018 Aug 29;9:345. doi: 10.3389/fgene.2018.00345. eCollection 2018.

**The Telomerase Complex Directly Controls Hematopoietic Stem Cell Differentiation and Senescence in an Induced Pluripotent Stem Cell Model of Telomeropathy.**

Jose SS, Tidu F, Burilova P, Kepak T, Bendickova K, Fric J.

---

*Nutrients*. 2018 Sep 3;10(9). pii: E1219. doi: 10.3390/nu10091219.

**Sleep Duration and Excessive Daytime Sleepiness Are Associated with Obesity Independent of Diet and Physical Activity.**

Maugeri A, Medina-Inojosa JR, Kunzova S, Agodi A, Barchitta M, Sochor O, Lopez-Jimenez F, Geda YE, Vinciguerra M.

---

*Epigenetics*. 2018;13(8):829-845. doi: 10.1080/15592294.2018.1514239. Epub 2018 Sep 29.

**Histone variant macroH2A1 rewires carbohydrate and lipid metabolism of hepatocellular carcinoma cells towards cancer stem cells.**

Lo Re O, Douet J, Buschbeck M, Fusilli C, Paziienza V, Panebianco C, Castracani CC, Mazza T, Li Volti G, Vinciguerra M.

---

*Science* 15 Mar 2019; Vol. 363, Issue 6432, eaau0964 DOI: 10.1126/science.aau0964

**Two distinct interstitial macrophage populations coexist across tissues in specific subtissular niches**

Svetoslav Chakarov, Hwee Ying Lim, Leonard Tan, Sheau Yng Lim, Peter See, Josephine Lum, Xiao-Meng Zhang, Shihui Foo, Satoshi Nakamizo, Kaibo Duan, Wan Ting Kong, Rebecca Gentek, Akhila Balachander, Daniel Carbajo, Camille Bleriot, Benoit Malleret,, John Kit Chung Tam, Sonia Baig, Muhammad Shabeer, Sue-Anne Ee Shiow Toh, Andreas Schlitzer, Anis Larbi, Thomas Marichal,,, Bernard Malissen,, Jinmiao Chen, Michael Poidinger, Kenji Kabashima,, Marc Bajenoff, Lai Guan Ng, Veronique Angeli, Florent Ginhoux,\*

---

*Science*. 2018 Oct 12;362(6411):185-189. doi: 10.1126/science.aat0474.

**Microglia and early brain development: An intimate journey.**

Thion MS, Ginhoux F, Garel S.

---

*Nat Neurosci*. 2018 Jul;21(7):897-899. doi: 10.1038/s41593-018-0176-3.

**The mysterious origins of microglia.**

Ginhoux F, Garel S.

---

*Med Mycol*. 2019 Apr 1;57(Supplement\_2):S189-S195. doi: 10.1093/mmy/myy053.

**Learning to control tissue damage while fighting *Aspergillus*.**

Wong AYW, Fric J, Zelante T.

---

*Front Immunol*. 2018 Dec 21;9:3043. doi: 10.3389/fimmu.2018.03043. eCollection 2018.

**Type 1 Conventional CD103<sup>+</sup> Dendritic Cells Control Effector CD8<sup>+</sup> T Cell Migration, Survival, and Memory Responses During Influenza Infection.**

Ng SL, Teo YJ, Setiagani YA, Karjalainen K, Ruedl C.

---

*Front Cell Dev Biol.* 2018 Dec 11;6:168. doi: 10.3389/fcell.2018.00168. eCollection 2018.

**The Sweet Surrender: How Myeloid Cell Metabolic Plasticity Shapes the Tumor Microenvironment.**  
Sieow JL, Gun SY, Wong SC.

---

*Cell Rep.* 2018 Dec 11;25(11):3099-3109.e3. doi: 10.1016/j.celrep.2018.11.059.

**Organ-Specific Fate, Recruitment, and Refilling Dynamics of Tissue-Resident Macrophages during Blood-Stage Malaria.**

Lai SM, Sheng J, Gupta P, Renia L, Duan K, Zolezzi F, Karjalainen K, Newell EW, Ruedl C.

---

*J Invest Dermatol.* 2019 Feb 15. pii: S0022-202X(19)30125-3. doi: 10.1016/j.jid.2019.02.005.

**Nicotinamide Metabolism Modulates the Proliferation / Differentiation Balance and Senescence of Human Primary Keratinocytes.**

Tan CL, Chin T, Ru Tan CY, Rovito HA, Quek LS, Oblong JE, Bellanger S.

---

*Front Immunol.* 2018 Oct 23;9:2425. doi: 10.3389/fimmu.2018.02425. eCollection 2018.

**A Single-Cell Sequencing Guide for Immunologists.**

See P, Lum J, Chen J, Ginhoux F.

---

*Front Oncol.* 2018 Oct 30;8:459. doi: 10.3389/fonc.2018.00459. eCollection 2018.

**Senolytic Cocktail Dasatinib+Quercetin (D+Q) Does Not Enhance the Efficacy of Senescence-Inducing Chemotherapy in Liver Cancer.**

Kovacovicova K, Skolnaja M, Heinmaa M, Mistrik M, Pata P, Pata I, Bartek J, Vinciguerra M.

---

*Front. Immunol.*, 28 February 2019 | <https://doi.org/10.3389/fimmu.2019.00323>

**Using Lung Organoids to Investigate Epithelial Barrier Complexity and IL-17 Signaling During Respiratory Infection**

Paolicelli, G., De Luca, A., Jose, S.S., Antonini, M., Teloni, I., Fric, J. and Zelante, T.

---

*Free Radic Biol Med.* 2019 Feb 1;131:274-281. doi: 10.1016/j.freeradbiomed.2018.12.018. Epub 2018 Dec 19.

**Dietary antioxidant intake decreases carotid intima media thickness in women but not in men: A cross-sectional assessment in the Kardiovize study.**

Maugeri A, Hruskova J, Jakubik J, Kunzova S, Sochor O, Barchitta M, Agodi A, Bauerova H, Medina-Inojosa JR, Vinciguerra M.

---

*Cell Death Dis.* 2018 Feb 15;9(3):266. doi: 10.1038/s41419-018-0327-1.

**The pro-inflammatory phenotype of the human non-classical monocyte subset is attributed to senescence.**

Ong SM, Hadadi E, Dang TM, Yeap WH, Tan CT, Ng TP, Larbi A, Wong SC.

---

*J Immunol.* 2019 Feb 22. pii: j1800462. doi: 10.4049/jimmunol.1800462.

**Enhancing Antigen Cross-Presentation in Human Monocyte-Derived Dendritic Cells by Recruiting the Intracellular Fc Receptor TRIM21.**

Ng PML, Kaliaperumal N, Lee CY, Chin WJ, Tan HC, Au VB, Goh AX, Tan QW, Yeo DSG, Connolly JE, Wang CI

---

*Cell Rep.* 2017 Oct 31;21(5):1203-1214. doi: 10.1016/j.celrep.2017.10.024.

**A Discrete Subset of Monocyte-Derived Cells among Typical Conventional Type 2 Dendritic Cells Can Efficiently Cross-Present.**

Sheng J, Chen Q, Soncin I, Ng SL, Karjalainen K, Ruedl C.

---

*Front Immunol.* 2018 May 31;9:1193. doi: 10.3389/fimmu.2018.01193. eCollection 2018.

**Influenza A Virus Facilitates Its Infectivity by Activating p53 to Inhibit the Expression of Interferon-Induced Transmembrane Proteins.**

Wang B, Lam TH, Soh MK, Ye Z, Chen J, Ren EC.

---

*Front Immunol.* 2017 Nov 2;8:1462. doi: 10.3389/fimmu.2017.01462. eCollection 2017.

**NLRP10 Enhances CD4<sup>+</sup> T-Cell-Mediated IFN $\gamma$  Response via Regulation of Dendritic Cell-Derived IL-12 Release.**

Vacca M, Böhme J, Zambetti LP, Khameneh HJ, Paleja BS, Laudisi F, Ho AWS, Neo K, Leong KW, Marzuki M, Lee B, Poidinger M, Santambrogio L, Tsenova L, Zolezzi F, De Libero G, Singhal A, Mortellaro A.

---

*Scientific Reports* volume 9, Article number: 4913 (2019)

**Inhibition of NLRP3 inflammasome activation by cell-permeable stapled peptides**

Arumay Pal, Kurt Neo, Lakshminarayanan Rajamani, Fernando Jose Ferrer, David P. Lane, Chandra S. Verma & Alessandra Mortellaro

---

*Front Immunol.* 2018 Jan 22;8:1996. doi: 10.3389/fimmu.2017.01996. eCollection 2017.

**A Multifaceted Role of Tryptophan Metabolism and Indoleamine 2,3-Dioxygenase Activity in *Aspergillus fumigatus*-Host Interactions.**

Choera T, Zelante T, Romani L, Keller NP.

---

*Cell Rep.* 2019 Feb 5;26(6):1627-1640.e7. doi: 10.1016/j.celrep.2019.01.041.

**RNA-Seq Signatures Normalized by mRNA Abundance Allow Absolute Deconvolution of Human Immune Cell Types.**

Monaco G, Lee B, Xu W, Mustafah S, Hwang YY, Carré C, Burdin N, Visan L, Ceccarelli M, Poidinger M, Zippelius A, Pedro de Magalhães J, Larbi A.

---

*Oncogene.* 2018 Dec 12. doi: 10.1038/s41388-018-0615-3.

**Poly(ADP-ribosyl)ation of OVOL2 regulates aneuploidy and cell death in cancer cells.**

Zhang R, Hong JJ, Yang Q, Ong CT, Li BA, Liou YC.

---

*Immunity.* 2018 Feb 20;48(2):380-395.e6. doi: 10.1016/j.immuni.2018.01.011. Epub 2018 Feb 6.

**High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease.**



Mrdjen D, Pavlovic A, Hartmann FJ, Schreiner B, Utz SG, Leung BP, Lelios I, Heppner FL, Kipnis J, Merkler D, Greter M, Becher B.

---

*Cell Immunol.* 2018 Jan 10. pii: S0008-8749(18)30004-2. doi: 10.1016/j.cellimm.2018.01.004.

**Recent advances in the understanding of microglial development and homeostasis.**

Low D, Ginhoux F.

---

*Theranostics.* 2018 Jan 1;8(2):549-562. doi: 10.7150/thno.20047. eCollection 2018.

**A cell-penetrating whole molecule antibody targeting intracellular HBx suppresses hepatitis B virus via TRIM21-dependent pathway.**

Zhang JF, Xiong HL, Cao JL, Wang SJ, Guo XR, Lin BY, Zhang Y, Zhao JH, Wang YB, Zhang TY, Yuan Q, Zhang J, Xia NS.

---

*Cell.* 2018 Jan 25;172(3):500-516.e16. doi: 10.1016/j.cell.2017.11.042. Epub 2017 Dec 21.

**Microbiome Influences Prenatal and Adult Microglia in a Sex-Specific Manner.**

Thion MS, Low D, Silvin A, Chen J, Grisel P, Schulte-Schrepping J, Blecher R, Ulas T, Squarzoni P, Hoeffel G, Couplier F, Siopi E, David FS, Scholz C, Shihui F, Lum J, Amoyo AA, Larbi A, Poidinger M, Buttgereit A, Lledo PM, Greter M, Chan JKY, Amit I, Beyer M, Schultze JL, Schlitzer A, Pettersson S, Ginhoux F, Garel S.

---

*JCI Insight.* 2017 Dec 7;2(23). pii: 95665. doi: 10.1172/jci.insight.95665.

**Early pridopidine treatment improves behavioral and transcriptional deficits in YAC128 Huntington disease mice.**

Garcia-Miralles M, Geva M, Tan JY, Yusof NABM, Cha Y, Kusko R, Tan LJ, Xu X, Grossman I, Orbach A, Hayden MR, Pouladi MA.

---

*Glia.* 2018 Jan;66(1):191-205. doi: 10.1002/glia.23237. Epub 2017 Oct 11.

**Immunization with  $\alpha$ -synuclein/Grp94 reshapes peripheral immunity and suppresses microgliosis in a chronic Parkinsonism model.**

Villadiego J, Labrador-Garrido A, Franco JM, Leal-Lasarte M, De Genst EJ, Dobson CM, Pozo D, Toledo-Aral JJ, Roodveldt C.

---

*Hepatology*. 2017 Sep 15. doi: 10.1002/hep.29519.

**Induction of cancer cell stemness by depletion of macrohistone H2A1 in hepatocellular carcinoma.**

Lo Re O, Fusilli C, Rappa F, Van Haele M, Douet J, Pindjakova J, Rocha SW, Pata I, Valčíková B, Uldrijan S, Yeung RS, Peixoto CA, Roskams T, Buschbeck M, Mazza T, Vinciguerra M.

---

*PLoS One*. 2017 Dec 6;12(12):e0188607. doi: 10.1371/journal.pone.0188607. eCollection 2017.

**Investigating endogenous  $\mu$ -opioid receptors in human keratinocytes as pharmacological targets using novel fluorescent ligand.**

Leong C, Neumann C, Ramasamy S, Rout B, Yi Wee L, Bigliardi-Qi M, Bigliardi PL.

---

*Science*. 2017 Jun 9;356(6342). pii: eaag3009. doi: 10.1126/science.aag3009. Epub 2017 May 4.

**Mapping the human DC lineage through the integration of high-dimensional techniques.**

See P, Dutertre CA, Chen J, Günther P, McGovern N, Irac SE, Gunawan M, Beyer M, Händler K, Duan K, Sumatoh HRB, Ruffin N, Jouve M, Gea-Mallorquí E, Hennekam RCM, Lim T, Yip CC, Wen M, Malleret B, Low I, Shadan NB, Fen CFS, Tay A, Lum J, Zolezzi F, Larbi A, Poidinger M, Chan JKY, Chen Q, Rénia L, Haniffa M, Benaroch P, Schlitzer A, Schultze JL, Newell EW, Ginhoux F.

---

*Immunity*. 2017 Jul 18;47(1):183-198.e6. doi: 10.1016/j.immuni.2017.06.017.

**Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function.**

Takata K, Kozaki T, Lee CZW, Thion MS, Otsuka M, Lim S, Utami KH, Fidan K, Park DS, Malleret B, Chakarov S, See P, Low D, Low G, Garcia-Miralles M, Zeng R, Zhang J, Goh CC, Gul A, Hubert S, Lee B, Chen J, Low I, Shadan NB, Lum J, Wei TS, Mok E, Kawanishi S, Kitamura Y, Larbi A, Poidinger M, Renia L, Ng LG, Wolf Y, Jung S, Önder T, Newell E, Huber T, Ashihara E, Garel S, Pouladi MA, Ginhoux F.

---

*EMBO Mol Med.* 2017 Aug;9(8):990-999. doi: 10.15252/emmm.201707698. Review.

**Calcineurin-NFAT signalling in myeloid leucocytes: new prospects and pitfalls in immunosuppressive therapy.**

Bendickova K, Tidu F, Fric J.

---

*Anal Chem.* 2017 Jun 20;89(12):6719-6725. doi: 10.1021/acs.analchem.7b00959. Epub 2017 Jun 6.

**Flashbody: A Next Generation Fluobody with Fluorescence Intensity Enhanced by Antigen Binding.**

Wongso D, Dong J, Ueda H, Kitaguchi T.

---

*Front Pharmacol.* 2017 Jan 23;8:10. doi: 10.3389/fphar.2017.00010. eCollection 2017.

**C5a Regulates IL-1 $\beta$  Production and Leukocyte Recruitment in a Murine Model of Monosodium Urate Crystal-Induced Peritonitis.**

Khameneh HJ, Ho AW, Laudisi F, Derks H, Kandasamy M, Sivasankar B, Teng GG, Mortellaro A.

---

*Nature.* 2017 Jun 29;546(7660):662-666. doi: 10.1038/nature22795. Epub 2017 Jun 14.

**Human fetal dendritic cells promote prenatal T-cell immune suppression through arginase-2.**

McGovern N, Shin A, Low G, Low D, Duan K, Yao LJ, Msallam R, Low I, Shadan NB, Sumatoh HR, Soon E, Lum J, Mok E, Hubert S, See P, Kunxiang EH, Lee YH, Janela B, Choolani M, Mattar CNZ, Fan Y, Lim TKH, Chan DKH, Tan KK, Tam JKC, Schuster C, Elbe-Bürger A, Wang XN, Bigley V, Collin M, Haniffa M, Schlitzer A, Poidinger M, Albani S, Larbi A, Newell EW, Chan JKY, Ginhoux F.

---

*J Biol Chem.* 2017 Oct 6;292(40):16697-16708. doi: 10.1074/jbc.M117.787739. Epub 2017 Aug 28.

**Reactive oxygen species trigger Parkin/PINK1 pathway-dependent mitophagy by inducing mitochondrial recruitment of Parkin.**

Xiao B, Goh JY, Xiao L, Xian H, Lim KL, Liou YC.

---

*Sci Rep.* 2017 Aug 4;7(1):7351. doi: 10.1038/s41598-017-07820-6.

**Red fluorescent protein-based cAMP indicator applicable to optogenetics and in vivo imaging.**

Harada K, Ito M, Wang X, Tanaka M, Wongso D, Konno A, Hirai H, Hirase H, Tsuboi T, Kitaguchi T.

---

*Expert Opin Drug Deliv.* 2017 Jun;14(6):797-810. doi: 10.1080/17425247.2017.1292247. Epub 2017 Feb 17. Review.

**Strategies to optimize siRNA delivery to hepatocellular carcinoma cells.**

Scarabel L, Perrone F, Garziera M, Farra R, Grassi M, Musiani F, Russo Spena C, Salis B, De Stefano L, Toffoli G, Rizzolio F, Tonon F, Abrami M, Chiarappa G, Pozzato G, Forte G, Grassi G, Dapas B.

---

*Sci Rep.* 2017 Jul 18;7(1):5765. doi: 10.1038/s41598-017-06202-2.

**Monocyte adhesion to atherosclerotic matrix proteins is enhanced by Asn-Gly-Arg deamidation.**

Dutta B, Park JE, Kumar S, Hao P, Gallart-Palau X, Serra A, Ren Y, Sorokin V, Lee CN, Ho HH, de Kleijn D, Sze SK.

---

*Cell Rep.* 2017 Aug 15;20(7):1667-1680. doi: 10.1016/j.celrep.2017.07.063

**The IL-17F/IL-17RC Axis Promotes Respiratory Allergy in the Proximal Airways.**

De Luca A, Pariano M, Cellini B, Costantini C, Villella VR, Jose SS, Palmieri M, Borghi M, Galosi C, Paolicelli G, Maiuri L, Fric J, Zelante T.

---

*Sci Rep.* 2017 Aug 18;7(1):8839. doi: 10.1038/s41598-017-08466-0.

**Neuromodulatory circuit effects on *Drosophila* feeding behaviour and metabolism.**

Eriksson A, Raczkowska M, Navawongse R, Choudhury D, Stewart JC, Tang YL, Wang Z, Claridge-Chang A.

---

*Lancet Infect Dis.* 2017 Dec;17(12):e393-e402. doi: 10.1016/S1473-3099(17)30442-5. Epub 2017 Jul 31. Review.

**Immunotherapeutic approaches to treatment of fungal diseases.**

Armstrong-James D, Brown GD, Netea MG, Zelante T, Gresnigt MS, van de Veerdonk FL, Levitz SM.

---

*J Immunol.* 2017 Jan 1;198(1):196-204. Epub 2016 Nov 28.

**The Syk-NFAT-IL-2 Pathway in Dendritic Cells Is Required for Optimal Sterile Immunity Elicited by Alum Adjuvants.**

Khameneh HJ, Ho AW, Spreafico R, Derks H, Quek HQ, Mortellaro A.

---

*Science*. 2017 Jun 9;356(6342). pii: eaag3009. doi: 10.1126/science.aag3009. Epub 2017 May 4.

**Mapping the human DC lineage through the integration of high-dimensional techniques.**

See P, Dutertre CA, Chen J, Günther P, McGovern N, Irac SE, Gunawan M, Beyer M, Händler K, Duan K, Sumatoh HRB, Ruffin N, Jouve M, Gea-Mallorquí E, Hennekam RCM, Lim T, Yip CC, Wen M, Malleret B, Low I, Shadan NB, Fen CFS, Tay A, Lum J, Zolezzi F, Larbi A, Poidinger M, Chan JKY, Chen Q, Rénia L, Haniffa M, Benaroch P, Schlitzer A, Schultze JL, Newell EW, Ginhoux F.

---

*J Clin Pathol*. 2018 Feb;71(2):161-167. doi: 10.1136/jclinpath-2017-204495. Epub 2017 Jul 22.

**Caveolin-1 expression as a prognostic marker in triple negative breast cancers of Asian women.**

Yeong J, Thike AA, Ikeda M, Lim JCT, Lee B, Nakamura S, Iqbal J, Tan PH.

---

*J Clin Pathol*. 2017 Sep;70(9):745-753. doi: 10.1136/jclinpath-2016-204276. Epub 2017 Mar 13.

**Gleason grade grouping of prostate cancer is of prognostic value in Asian men.**

Yeong J, Sultana R, Teo J, Huang HH, Yuen J, Tan PH, Khor LY.

---

*Sci Rep*. 2017 Nov 15;7(1):15608. doi: 10.1038/s41598-017-15753-3.

**Health and disease phenotyping in old age using a cluster network analysis.**

Valenzuela JF, Monterola C, Tong VJC, Ng TP, Larbi A.

---

*Photochem Photobiol*. 2018 Jan;94(1):150-157. doi: 10.1111/php.12817. Epub 2017 Sep 25.

**Physiological Doses of Red Light Induce IL-4 Release in Cocultures between Human Keratinocytes and Immune Cells.**

Leong C, Bigliardi PL, Sriram G, Au VB, Connolly J, Bigliardi-Qi M.

---

*PLoS One*. 2017 Dec 6;12(12):e0188607. doi: 10.1371/journal.pone.0188607. eCollection 2017.

**Investigating endogenous  $\mu$ -opioid receptors in human keratinocytes as pharmacological targets using novel fluorescent ligand.**

Leong C, Neumann C, Ramasamy S, Rout B, Yi Wee L, Bigliardi-Qi M, Bigliardi PL.

---

*Sci Rep.* 2017 Nov 16;7(1):15750. doi: 10.1038/s41598-017-15142-w.

**Specific Targeting of Melanotic Cells with Peptide Ligated Photosensitizers for Photodynamic Therapy.**

Bigliardi PL<sup>1,2</sup>, Rout B<sup>1</sup>, Pant A, Krishnan-Kutty V, Eberle AN, Srinivas R, Burkett BA, Bigliardi-Qi M.

---

*Cell Mol Life Sci.* 2017 Jul;74(13):2333-2344. doi: 10.1007/s00018-017-2470-8. *Epub* 2017 Feb 10. Review.

**MLL5 (KMT2E): structure, function, and clinical relevance.**

Zhang X, Novera W, Zhang Y, Deng LW.

---

*Nat Commun.* 2017 Nov 17;8(1):1592. doi: 10.1038/s41467-017-01687-x.

**TLR7 mediated viral recognition results in focal type I interferon secretion by dendritic cells.**

Saitoh SI, Abe F, Kanno A, Tanimura N, Mori Saitoh Y, Fukui R, Shibata T, Sato K, Ichinohe T, Hayashi M, Kubota K, Kozuka-Hata H, Oyama M, Kikko Y, Katada T, Kontani K, Miyake K.

---

*Sci Rep.* 2016 Dec 15;6:39035. doi: 10.1038/srep39035

**Differential IL-1 $\beta$  secretion by monocyte subsets is regulated by Hsp27 through modulating mRNA stability.**

Hadadi E, Zhang B, Baidžajevas K, Yusof N, Puan KJ, Ong SM, Yeap WH, Rotzschke O, Kiss-Toth E, Wilson H, Wong SC.

---

*J Clin Pathol.* 2017 Feb;70(2):102-108. doi: 10.1136/jclinpath-2016-204154. *Epub* 2016 Nov 18.

**Identifying progression predictors of breast ductal carcinoma in situ.**

Yeong J, Thike AA, Tan PH, Iqbal J.

---

*Nucleic Acids Res.* 2018 Jan 9;46(1):336-349. doi: 10.1093/nar/gkx1105.

**C/EBP $\beta$  mediates RNA polymerase III-driven transcription of oncomiR-138 in malignant gliomas.**

Di Pascale F, Nama S, Muhuri M, Quah S, Ismail HM, Chan XHD, Sundaram GM, Ramalingam R, Burke B, Sampath P.

---

*J Dermatol.* 2017 Oct;44(10):1097-1104. doi: 10.1111/1346-8138.13897. Epub 2017 Jun 8. Review

**Aging in hair follicle stem cells and niche microenvironment.**

Ji J, Ho BS, Qian G, Xie XM, Bigliardi PL, Bigliardi-Qi M.

---

*Breast Cancer Res Treat.* 2017 Feb 23. doi: 10.1007/s10549-017-4161-4.

**Higher densities of Foxp3<sup>+</sup> regulatory T cells are associated with better prognosis in triple-negative breast cancer.**

Yeong J, Thike AA, Lim JC, Lee B, Li H, Wong SC, Hue SS, Tan PH, Iqbal J.

---

*J Clin Pathol.* 2017 Feb;70(2):102-108. doi: 10.1136/jclinpath-2016-204154. Review.

**Identifying progression predictors of breast ductal carcinoma in situ.**

Yeong J, Thike AA, Tan PH, Iqbal J.

---

*Sci Rep.* 2016 Aug 10;6:31429. doi: 10.1038/srep31429.

**Fine-mapping analysis revealed complex pleiotropic effect and tissue-specific regulatory mechanism of TNFSF15 in primary biliary cholangitis, Crohn's disease and leprosy.**

Sun Y, Irwanto A, Toyo-Oka L, Hong M, Liu H, Andiappan AK, Choi H, Hitomi Y, Yu G, Yu Y, Bao F, Wang C, Fu X, Yue Z, Wang H, Zhang H, Kawashima M, Kojima K, Nagasaki M, Nakamura M, Yang SK, Ye BD, Denise Y, Rotzschke O, Song K, Tokunaga K, Zhang F, Liu J.

---

*Nat Methods.* 2017 Jan 23. doi: 10.1038/nmeth.4148.

**Optogenetic inhibition of behavior with anion channelrhodopsins.**

Mohammad F, Stewart JC, Ott S, Chlebikova K, Chua JY, Koh TW, Ho J, Claridge-Chang A.

---

*Development.* 2016 Nov 15;143(22):4249-4260.

**Functional antagonism of voltage-gated K<sup>+</sup> channel  $\alpha$ -subunits in the developing brain ventricular system.**

Shen H, Bocksteins E, Kondrychyn I, Snyders D, Korzh V.

---

*Nat Commun.* 2016 Feb 3;7:10597. doi: 10.1038/ncomms10597

**NuSAP governs chromosome oscillation by facilitating the Kid-generated polar ejection force.**

Li C, Xue C, Yang Q, Low BC, Liou YC.

---

*Immunity.* 2016 Mar 15;44(3):439-49. doi: 10.1016/j.immuni.2016.02.024. Review.

**Tissue-Resident Macrophage Ontogeny and Homeostasis.**

Ginhoux F, Guilliams M.

---

*Sci Rep.* 2016 Mar 23;6:23505. doi: 10.1038/srep23505.

**Crucial roles of XCR1-expressing dendritic cells and the XCR1-XCL1 chemokine axis in intestinal immune homeostasis.**

Ohta T, Sugiyama M, Hemmi H, Yamazaki C, Okura S, Sasaki I, Fukuda Y, Orimo T, Ishii KJ, Hoshino K, Ginhoux F, Kaisho T.

---

*Sci Rep.* 2016 Aug 8;6:30784. doi: 10.1038/srep30784

**A subpopulation of high IL-21-producing CD4(+) T cells in Peyer's Patches is induced by the microbiota and regulates germinal centers.**

Jones L, Ho WQ, Ying S, Ramakrishna L, Srinivasan KG, Yurieva M, Ng WP, Subramaniam S, Hamadee NH, Joseph S, Dolpady J, Atarashi K, Honda K, Zolezzi F, Poidinger M, Lafaille JJ, Curotto de Lafaille MA.

---

*Immunity.* 2016 May 17;44(5):1177-89. doi: 10.1016/j.immuni.2016.04.010

**The DNA Structure-Specific Endonuclease MUS81 Mediates DNA Sensor STING-Dependent Host Rejection of Prostate Cancer Cells.**



Ho SS, Zhang WY, Tan NY, Khatoo M, Suter MA, Tripathi S, Cheung FS, Lim WK, Tan PH, Ngeow J, Gasser S.

---

*J Cell Biol.* 2016 Mar 28;212(7):829-43. doi: 10.1083/jcb.201501021

**MLL5 maintains spindle bipolarity by preventing aberrant cytosolic aggregation of PLK1.**

Zhao W, Liu J, Zhang X, Deng LW.

---

*EMBO J.* 2015 Jun 12;34(12):1603-5. doi: 10.15252/embj.201591899. No abstract available.

**Poised for action: USP18 restrains microglial activation in the white matter.**

Takata K, Ginhoux F.

---

*Cell Rep.* 2015 Sep 22;12(11):1789-801. doi: 10.1016/j.celrep.2015.08.030.

**CD103(+) Dendritic Cells Control Th17 Cell Function in the Lung.**

Zelante T, Wong AY, Ping TJ, Chen J, Sumatoh HR, Viganò E, Hong Bing Y, Lee B, Zolezzi F, Fric J, Newell EW, Mortellaro A, Poidinger M, Puccetti P, Ricciardi-Castagnoli P.

---

*Oncoimmunology.* 2015 Aug 31;5(3):e1085146.

**PD-1 expression on dendritic cells suppresses CD8<sup>+</sup> T cell function and antitumor immunity.**

Lim TS, Chew V, Sieow JL, Goh S, Yeong JP, Soon AL, Ricciardi-Castagnoli P.

---

*Methods Mol Biol.* 2015;1230:273-7. doi: 10.1007/978-1-4939-1708-2\_23.

**The role of opioid receptors in migration and wound recovery in vitro in cultured human keratinocytes and fibroblasts.**

Bigliardi-Qi M, Bigliardi PL.

---

*Current Topics in Microbiology and Immunology (Book Chapter).*

**Biology of IgE production - sequential switching, affinity maturation and IgE memory**

He Jinshu, Sriram Narayanan, Sharrada Subramaniam, Juan J. Lafaille and Maria A. Curotto de Lafaille.

---

*Nat Immunol.* 2014 Nov;15(11):1005-7. doi: 10.1038/ni.3011. No abstract available.

**Fate PPAR-titoning: PPAR- $\gamma$  'instructs' alveolar macrophage development.**

Ginhoux F.

---

*Cell Immunol.* 2014 September - October;291(1-2):3-10. doi: 10.1016/j.cellimm.2014.08.006. Epub 2014 Sep 4.

**Aligning bona fide dendritic cell populations across species.**

Dutertre CA, Wang LF, Ginhoux F.

---

*Nucleic Acids Res.* 2014 Dec 30. pii: gku1369.

**NFATc2 mediates epigenetic modification of dendritic cell cytokine and chemokine responses to dectin-1 stimulation.**

Yu HB, Yurieva M, Balachander A, Foo I, Leong X, Zelante T, Zolezzi F, Poidinger M, Ricciardi-Castagnoli P.

---

*PLoS Pathog.* 2014 Dec 4;10(12):e1004548. doi: 10.1371/journal.ppat.1004548. eCollection 2014.

**Selective susceptibility of human skin antigen presenting cells to productive dengue virus infection.**

Cerny D, Haniffa M, Shin A, Bigliardi P, Tan BK, Lee B, Poidinger M, Tan EY, Ginhoux F, Fink K.

---

*Int Immunol.* 2014 Oct 16. pii: dxu091. Review

**Dendritic cells in humans-from fetus to adult.**

McGovern N, Chan JK, Ginhoux F.

---

*Neurochem Int.* 2014 Dec 8;80C:87-98. doi: 10.1016/j.neuint.2014.12.002.

**Temporal lobe proteins implicated in synaptic failure exhibit differential expression and deamidation in vascular dementia.**

Gallart-Palau X, Serra A, Qian J, Chen CP, Kalaria RN, Sze SK.

---

*Biologicals*. 2014 Jul;42(4):191-8. doi: 10.1016/j.biologicals.2014.05.003. Epub 2014 Jun 16

**Production and applications of an N-terminally-truncated recombinant beta-haemolysin from *Staphylococcus aureus*.**

Singh M, Singh A, Sharma A.

---

*Curr Protoc Protein Sci*. 2014 Nov 3;78:24.5.1-24.5.14. doi: 10.1002/0471140864.ps2405s78

**Proteomic analysis of protein deamidation.**

Hao P, Sze SK.

---

*Proteomics Clin Appl*. 2014 Aug;8(7-8):631-5. doi: 10.1002/prca.201400007. Epub 2014 Jul 2

**Deep proteomic profiling of human carotid atherosclerotic plaques using multidimensional LC-MS/MS.**

Hao P, Ren Y, Pasterkamp G, Moll FL, de Kleijn DP, Sze SK.

---

*Mol Cell Proteomics*. 2014 Nov;13(11):3126-37. doi: 10.1074/mcp.M114.038505. Epub 2014 Jul 30

**Hypoxia-induced changes to integrin  $\alpha 3$  glycosylation facilitate invasion in epidermoid carcinoma cell line A431.**

Ren Y, Hao P, Law SK, Sze SK.

---

*Expert Rev Vaccines*. 2014 Apr;13(4):445-7. doi: 10.1586/14760584.2014.893196. Epub 2014 Feb 25.

**CD11b+ DCs rediscovered: implications for vaccination.**

Ginhoux F, Schlitzer A.

---

*Nat Rev Immunol*. 2014 Jun;14(6):392-404. doi: 10.1038/nri3671. Review.

**Monocytes and macrophages: developmental pathways and tissue homeostasis.**

Ginhoux F, Jung S.

---

*BMC Med Genet.* 2014 Jun 27;15:73. doi: 10.1186/1471-2350-15-73.

**Genetic analysis of an allergic rhinitis cohort reveals an intercellular epistasis between FAM134B and CD39.**

Melchiotti R, Puan KJ, Andiappan AK, Poh TY, Starke M, Zhuang L, Petsch K, Lai TS, Chew FT, Larbi A, Wang de Y, Poidinger M, Rotzschke O.

---

*J Virol.* 2014 Jul;88(13):7276-85. doi: 10.1128/JVI.03827-13. Epub 2014 Apr 16

**Type I interferon signals in macrophages and dendritic cells control dengue virus infection: implications for a new mouse model to test dengue vaccines.**

Züst R, Toh YX, Valdés I, Cerny D, Heinrich J, Hermida L, Marcos E, Guillén G, Kalinke U, Shi PY, Fink K.

---

*Virology.* 2014 Aug;462-463:14-24. doi: 10.1016/j.virol.2014.05.026. Epub 2014 Jun 14.

**Mapping of HPV transcripts in four human cervical lesions using RNAseq suggests quantitative rearrangements during carcinogenic progression.**

Chen J, Xue Y, Poidinger M, Lim T, Chew SH, Pang CL, Abastado JP, Thierry F.

---

*Oncotarget.* 2014 Dec 15;5(23):12027-42.

**Melanoma-initiating cells exploit M2 macrophage TGF $\beta$  and arginase pathway for survival and proliferation.**

Tham M, Tan KW, Keeble J, Wang X, Hubert S, Barron L, Tan NS, Kato M, Prevost-Blondel A, Angeli V, Abastado JP.

---

*Nat Commun.* 2014 May 15;5:3866. doi: 10.1038/ncomms4866. Erratum in: *Nat Commun.* 2014;5:4493.

Kalinichenko, Artem [corrected to Kalinichenko, Artem].

**Parallel T-cell cloning and deep sequencing of human MAIT cells reveal stable oligoclonal TCR $\beta$  repertoire.**

Lepore M, Kalinichenko A, Colone A, Paleja B, Singhal A, Tschumi A, Lee B, Poidinger M, Zolezzi F, Quagliata L, Sander P, Newell E, Bertoletti A, Terracciano L, De Libero G, Mori L.

---

*Curr Opin Immunol.* 2014 Feb;26:90-9. doi: 10.1016/j.coi.2013.11.002. Epub 2013 Dec 3. Review.

**Organization of the mouse and human DC network.**

Schlitzer A, Ginhoux F.

---

*EMBO Mol Med.* 2014 Dec 1;7(1):24-41. doi: 10.15252/emmm.201404459.

**Loss of TLR3 aggravates CHIKV replication and pathology due to an altered virus-specific neutralizing antibody response.**

Her Z, Teng TS, Tan JJ, Teo TH, Kam YW, Lum FM, Lee WW, Gabriel C, Melchiotti R, Andiappan AK, Lulla V, Lulla A, Win MK, Chow A, Biswas SK, Leo YS, Lecuit M, Merits A, Rénia L, Ng LF.

---

*Biol Reprod.* 2014 Sep;91(3):66. doi: 10.1095/biolreprod.114.118513. Epub 2014 Jul 16

**The LIF-mediated molecular signature regulating murine embryo implantation.**

Rosario GX, Hondo E, Jeong JW, Mutalif R, Ye X, Yee LX, Stewart CL.

---

*J Leukoc Biol.* 2014 Dec;96(6):1037-46. doi: 10.1189/jlb.2A0813-465RR. Epub 2014 Aug 28.

**Human plasmacytoid dendritic cells regulate IFN- $\alpha$  production through activation-induced splicing of IL-18R $\alpha$ .**

Chao Y, Kaliaperumal N, Chretien AS, Tang S, Lee B, Poidinger M, Fairhurst AM, Connolly JE.

---

*J Allergy Clin Immunol.* 2014 Aug 7. pii: S0091-6749(14)00894-X. doi: 10.1016/j.jaci.2014.06.028. No abstract available.

**Genetic variants of inducible costimulator are associated with allergic asthma susceptibility.**

Andiappan AK, Narayanan S, Myers RA, Lee B, Nieuwenhuis MA, Nardin A, Park CS, Shin HD, Kim JH, Westra HJ, Franke L, Esko T, Metspalu A, Teo YY, Saw SM, Chuen KC, Jianjun L, Koppelman GH, Postma DS, Poidinger M, Connolly JE, Wang DY, Rotzschke O, Curotto de Lafaille MA, Chew FT.

---

*Allergy.* 2014 Apr;69(4):501-9. doi: 10.1111/all.12364. Epub 2014 Jan 24.

**Allergic airway diseases in a tropical urban environment are driven by dominant mono-specific sensitization against house dust mites.**

Andiappan AK, Puan KJ, Lee B, Nardin A, Poidinger M, Connolly J, Chew FT, Wang DY, Rotzschke O.

---

*J Pathol.* 2014 Aug;233(4):321-30. doi: 10.1002/path.4357. Epub 2014 May 16. Review

**NLRPs, microbiota, and gut homeostasis: unravelling the connection.**

Zambetti LP, Mortellaro A.

---

*Cell Rep.* 2014 Sep 11;8(5):1271-9. doi: 10.1016/j.celrep.2014.07.042. Epub 2014 Aug 21

**Microglia modulate wiring of the embryonic forebrain.**

Squarzoni P, Oller G, Hoeffel G, Pont-Lezica L, Rostaing P, Low D, Bessis A, Ginhoux F, Garel S.

---

*Br J Pharmacol.* 2015 Jan;172(2):501-14. doi: 10.1111/bph.12687. Epub 2014 Jul 1

**Activation of the  $\delta$ -opioid receptor promotes cutaneous wound healing by affecting keratinocyte intercellular adhesion and migration.**

Bigliardi PL, Neumann C, Teo YL, Pant A, Bigliardi-Qi M.

---

*J Invest Dermatol.* 2015 Feb;135(2):471-80. doi: 10.1038/jid.2014.370. Epub 2014 Sep 1.

**The  $\delta$ -Opioid Receptor Affects Epidermal Homeostasis via ERK-Dependent Inhibition of Transcription Factor POU2F3.**

Neumann C, Bigliardi-Qi M, Widmann C, Bigliardi PL.

---

*Stem Cells.* 2014 Dec;32(12):3232-44. doi: 10.1002/stem.1813

**Calcium and calcineurin-NFAT signaling regulate granulocyte-monocyte progenitor cell cycle via Flt3-L.**

Fric J, Lim CX, Mertes A, Lee BT, Viganò E, Chen J, Zolezzi F, Poidinger M, Larbi A, Strobl H, Zelante T, Ricciardi-Castagnoli P.

---

*Allergy.* 2014 Jan 24. doi: 10.1111/all.12364.

**Allergic airway diseases in a tropical urban environment are driven by dominant mono-specific sensitization against house dust mites.**

Andiappan AK, Puan KJ, Lee B, Nardin A, Poidinger M, Connolly J, Chew FT, Wang DY, Rotzschke O.

---

*Front Immunol.* 2014 Jan 9;4:513. eCollection 2014. Review. No abstract available

**Phagocytosis of Particulate Antigens - All Roads Lead to Calcineurin/NFAT Signaling Pathway.**

Fric J, Zelante T, Ricciardi-Castagnoli P.

---

*Cell Mol Immunol.* 2014 Feb 10. doi: 10.1038/cmi.2014.4.

**Tyrosine kinases: the molecular switch for inflammasome activation.**

Laudisi F, Viganò E, Mortellaro A.

---

*Cell Death Differ.* 2013 Sep 27. doi: 10.1038/cdd.2013.132.

**Mapping the p53 transcriptome universe using p53 natural polymorphs.**

Wang B, Niu D, Lam TH, Xiao Z, Ren EC.

---

*Front Cell Neurosci.* 2013 Apr 17;7:45. doi: 10.3389/fncel.2013.00045. eCollection 2013.

**Origin and differentiation of microglia.**

Ginhoux F, Lim S, Hoeffel G, Low D, Huber T.

---

*Eur J Immunol.* 2013 Aug;43(8):2126-37. doi: 10.1002/eji.201242918. Epub 2013 May 24.

**The NLRP3 inflammasome affects DNA damage responses after oxidative and genotoxic stress in dendritic cells.**

Licandro G, Ling Khor H, Beretta O, Lai J, Derks H, Laudisi F, Conforti-Andreoni C, Liang Qian H, Teng GG, Ricciardi-Castagnoli P, Mortellaro A.

---

*Eur J Immunol.* 2013 Sep;43(9):2240-5. doi: 10.1002/eji.201343800. Review.

**Caspase-11: the driving factor for noncanonical inflammasomes.**

Viganò E, Mortellaro A.

---

*EMBO Rep.* 2013 Oct;14(10):850-1. doi: 10.1038/embor.2013.129. Epub 2013 Aug 16.

**DNGR-ing the dendritic cell lineage.**

Schlitzer A, Ginhoux F.

---

*J Immunol.* 2013 Aug 1;191(3):1006-10. doi: 10.4049/jimmunol.1300489. Epub 2013 Jul 1.

**Cutting edge: the NLRP3 inflammasome links complement-mediated inflammation and IL-1 $\beta$  release.**

Laudisi F, Spreafico R, Evrard M, Hughes TR, Mandriani B, Kandasamy M, Morgan BP, Sivasankar B, Mortellaro A.

---

*Nat Immunol.* 2012 Jul 19;13(8):717-9. doi: 10.1038/ni.2375.

**The yin-yang nature of CSF1R-binding cytokines.**

Zelante T, Ricciardi-Castagnoli P.

---

*Oncoimmunology.* 2012 Nov 1;1(8):1360-1367.

**Myeloid cells: Prime drivers of tumor progression.**

Toh B, Abastado JP.

---

*Carcinogenesis.* 2013 Mar 21.

**hnRNP K suppresses apoptosis independent of p53 status by maintaining high levels of endogenous caspase inhibitors.**

Xiao Z, Ko HL, Goh EH, Wang B, Ren EC.

---

*Oncoimmunology, Volume 2, Issue 4 April 2013.*

**Immunomodulation of the tumor microenvironment by Toll-like receptor-3 (TLR3) ligands**

Valerie Chew and Jean-Pierre Abastado.

---

*Eur J Immunol.* 2013 Apr 26. doi: 10.1002/eji.201242918.

**The NLRP3 inflammasome affects DNA damage responses after oxidative and genotoxic stress in dendritic cells.**



Licandro G, Khor HL, Beretta O, Lai J, Derks H, Laudisi F, Conforti-Andreoni C, Qian HL, Teng GG, Ricciardi-Castagnoli P, Mortellaro A.

---

*Front Cell Neurosci.* 2013 Apr 17;7:45. doi: 10.3389/fncel.2013.00045. Print 2013.

**Origin and differentiation of microglia.**

Ginhoux F, Lim S, Hoeffel G, Low D, Huber T.

---

*Biomaterials.* 2013 Jul;34(22):5594-605. doi: 10.1016/j.biomaterials.2013.04.017. Epub 2013 Apr 28.

**Affinity-selected heparan sulfate for bone repair.**

Murali S, Rai B, Dombrowski C, Lee JL, Lim ZX, Bramono DS, Ling L, Bell T, Hinkley S, Nathan SS, Hui JH, Wong HK, Nurcombe V, Cool SM.

---

*Curr Med Chem.* 2013;20(10):1203-17.

**Developing FGFR4 inhibitors as potential anti-cancer agents via in silico design, supported by in vitro and cell-based testing.**

Ho HK, Németh G, Ng YR, Pang E, Szántai-Kis C, Zsákai L, Breza N, Greff Z, Horváth Z, Pató J, Szabadkai I, Szokol B, Baska F, Órfi L, Ullrich A, Kéri G, Chua BT.

---