

Articles citing the use of LUNARIS™ technology

2020

Thwe Khine W.W., Rahayu E.S., See T.Y., Kuah S., Salminen S., Nakayama J., Lee Y., November 2020 | Indonesian children fecal microbiome from birth until weaning was different from microbiomes of their mothers | [Gut Microbes 2020; 12 \(1\): 1761240](#)

Prete R., Garcia-Gonzalez N., Di Mattia C.D., Corsetti A., Battista N., October 2020 | Food-borne Lactiplantibacillus plantarum protect normal intestinal cells against inflammation by modulating reactive oxygen species and IL-23/IL-17 axis | [Sci Rep. 2020; 10 \(1\): 16340](#)

Karantanos T., Kim H., Tijaro-Ovalle N., Li L., Cutler C., Antin J., Ballen K., Ritz J., Politikos I., Boussiotis V., September 2020 | Assessment of a multi-cytokine profile by a novel biochip-based assay allows correlation of cytokine profiles with clinical outcomes in adult recipients of umbilical cord blood transplantation | [Bone Marrow Transplant. 2020; 55 \(9\): 1821-1823](#)

Wong C. W., Fianza Busoy J. M., Cheung N., Barathi V. A., Storm G., Wong T. T. August 2020 | Endogenous or Exogenous Retinal Pigment Epithelial Cells: A Comparison of Two Experimental Animal Models of Proliferative Vitreoretinopathy | [Transl Vis Sci Technol 2020; 9 \(9\): 46](#)

Willems B., Tong L., Minh T.D.T., Pham N.D., Nguyen X.H., Zumbansen M., July 2020 | Novel Cytokine Multiplex Assay for Tear Fluid Analysis in Sjogren's Syndrome | [Ocul Immunol Inflamm 2020; 13: 1-6](#)

Chen Y., Shao C., Fan N., Nakao T., Amouzegar A., Chauhan S., Dana R., April 2020 | The functions of IL-23 and IL-2 on driving auto-immune effector T-helper 17 cells into the memory pool in dry eye disease | [Mucosal Immunology April 2020, online ahead of print](#)

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Fröschen F., Schell S., Schildberg F., Klausling A., Kohlhof H., Gravius H., Randau T., March 2020 | Analysis of synovial biomarkers with a multiplex protein microarray in patients with PJI undergoing revision arthroplasty of the hip or knee joint | [Archives Orthop. Trauma Surgery March 2020, online ahead of print](#)

2019

Fritsch M., Günther S., Schwarzer R., Albert M., Schorn F., Werthenbach J., Schiffmann L., Stair N., Stocks H., Seeger J., Lamkanfi M., Krönke M., Pasparakis M., Kashkar H., November 2019 | Caspase-8 is the molecular switch for apoptosis, necroptosis and pyroptosis | [Nature 2019; 575 \(7784\): 683-687](#)

Tiwari-Heckler S., Merklinger E., Yee E., Schindler Ch., Lauer G., Zumbansen M., Roesch K., Jiang Z., Lai M., November 2019 | Comprehensive Chemokine and Cytokine profiling identifies a robust association of C-X-C motif chemokine 10 with NASH Fibrosis and macrophage-derived Adenosine Deaminase Type 2 | Poster presented at the Liver Meeting AASLD 2019

Lachmann G., Knaak C., von Haefen C., Paeschke N., Meisel M., Nyvlt P., Schuster F., Piper S., Kruppa J., Vorderwülbecke G., Balzer F., La Rosée P., Schenk P., Unterwalder N., Kölsch U., Lachmann N., Akyüz L., Brunkhorst F., Volk HD., Keh D., Spies C., Oktober 2019 | Diagnostic biomarkers for adult haemophagocytic lymphohistiocytosis in critically ill patients (HEMICU): a prospective observational study protocol | [BMJ Open 2019; 9 \(10\): e032695](#)

Wong C., Yanagi Y., Tsai A., Shihabuddeen S., Cheung N., Lee S., Jonas J., Cheung C., October 2019 | Correlation of axial length and myopic macular degeneration to levels of molecular factors in the aqueous | [Sci Rep. 2019; 9 \(1\): 15708](#)

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Articles citing the use of LUNARIS™ technology

2019

- Wong C., Cheung N., Ho C., Barathi V., Storm G., Wong T., October 2019 | Characterisation of the inflammatory cytokine and growth factor profile in a rabbit model of proliferative vitreoretinopathy | [Sci Rep. 2019; 9 \(1\): 15419](#)
- Lužnik Z., Oellerich S., Roesch K., Yin J., Zumbansen M., Franken L., Melles G., Dana R., October 2019 | Descemet membrane endothelial keratoplasty failure associated with innate immune activation | [Ophthalmology 2019; 126 \(10\): 1462-1464](#)
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- Motwani M., Pawaria S., Bernier J., Moses S., Henry K., Fang T., Burkly L., Marshak-Rothstein A., Fitzgerald K., April 2019 | Hierarchy of clinical manifestations in SAVI N153S and V154M mouse models | [PNAS 2019; 116 \(16\): 7941-7950](#)
- Nongpiur M., Vithana E., Aung T., Wong T., May 2019 | Profile of inflammatory cytokines in aqueous humor of patients across primary angle closure disease spectrum | Poster presented at ARVO 2019
- Bu Y., Lo A., Zhu M., Tam B., Wang W., Tsang J., Kwok S., Ng D., Shih K., May 2019 | Sustained hyperglycemia impairs corneal re-epithelialization after alkaline injury through modulation of the innate ocular surface inflammatory response | Poster presented at ARVO 2019

2018

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- Hellweg C., Spitta L., Koch K., Chishti A., Henschenmacher B., Diegeler S., Konda B., Feles S., Schmitz C., Berger T., Baumstark-Khan C., July 2018 | The role of the nuclear factor κB pathway in the cellular response to low and high linear energy transfer radiation | [Int. J. Mol. Sci. 2018; 19 \(8\): 2220](#)
- Wong, C., Cheung D., Ping O., Veluchamy A., Storm G., Lee S., Wong T., April 2018 | Characterisation of the inflammatory cytokine profile of proliferative vitreoretinopathy in a rabbit model | Poster presented at ARVO 2018
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- Curaj A., Wu Z., Rix A., Gresch O., Sternkopf M., Alampour-Rajabi S., Lammers T., van Zandvoort M., Weber C., Koenen R., Liehn E., Kiessling F., January 2018 | Molecular ultrasound imaging of junctional adhesion molecule depicts acute alterations in blood flow and early endothelial dysregulation | [Arterioscler. Thromb. Vasc. Biol. 2018; 38 \(1\): 40-48](#)

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Articles citing the use of LUNARIS™ technology

2017

Karantanos T., Kim H., Li L., Cutler C., Antin J., Ballen K., Ritz J., Politikos I., Boussiotis V., December 2017 | Assessment of a multi-cytokine profile by a novel biochip-based assay reveals unique correlation patterns with immune reconstitution after cord blood transplantation in adults | [Blood 2017; 130 \(1\): 1980](#)

Leite-Dantas R., Brachvogel B., Schied T., Bergmeier V., Skyrabin B., Vogl T., Ludwig S., Wixler V., November 2017 | The LIM-only protein four and a half LIM domain protein 2 attenuates development of psoriatic arthritis by blocking adam17-mediated Tumor Necrosis Factor release | [Am. J. Pathol. 2017; 187 \(11\): 2388-2398](#)

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LUNARIS™ Application Notes

Willems B., Tong L., Dang Thi M. T., Dong P. N., Hiep N. X., Zumbansen M. October 2020 | LUNARIS™ Technology enables quantification of inflammatory biomarkers in tear fluid | [Application Note](#)

Brincker S., Jazayeri A., Steiss R., Villa V., January 2020 | Standardized and efficient automated washing of LUNARIS™ BioChips on BioTek 405 Select microplate washer | [Application Note](#)

Willems B., Lim H., Pavesi A., October 2019 | Cytokine profiling for T cell immunotherapy assays using the LUNARIS™ Human 11- Plex Cytokine Kit and AIM DAX-1 microfluidic 3D Cell Culture Chips | [Application Note](#)

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