Aleksandra Borek-Dorosz

Lista publikacji

1. Borek-Dorosz, A., Nowakowska, A.M., Laskowska, P., Szydłowski, M., Tipping, W., Graham. D., Wiktorska, K., Juszczynski, P., Baranska, M., Mrowka, P., & Majzner, K. (2024). Alterations in lipid metabolism accompanied by changes in protein and carotenoid content as spectroscopic markers of human T cell activation. Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids, 1869(5), 159496. https://doi.org/10.1016/j.bbalip.2024.159496.

2. Borek-Dorosz, A., Nowakowska, A. M., Leszczenko, P., Adamczyk, A., Pieczara, A., Jakubowska, J., Pastorczak, A., Ostrowska, K., Ząbczyńska, M., Sowinski, K., Gruszecki, W. I., Baranska, M., Marzec, K. M., & Majzner, K. (2022). Raman-based spectrophenotyping of the most important cells of the immune system. Journal of Advanced Research, 41, 191–203. https://doi.org/10.1016/j.jare.2021.12.013.

3. Borek-Dorosz, A., Pieczara, A., Czamara, K., Stojak, M., Matuszyk, E., Majzner, K., Brzozowski, K., Bresci, A., Polli, D., & Baranska, M. (2022). What is the ability of inflamed endothelium to uptake exogenous saturated fatty acids? A proof-of-concept study using spontaneous Raman, SRS and CARS microscopy. Cellular and Molecular Life Sciences, 79(12), 593. https://doi.org/10.1007/s00018-022-04616-4.

4. Borek-Dorosz, A., Grosicki, M., Dybas, J., Matuszyk, E., Rodewald, M., Meyer-Zedler, T., Schmitt, M., Popp, J., Malek, K., & Baranska, M. (2021). Identification of inflammatory markers in eosinophilic cells of the immune system: fluorescence, Raman and CARS imaging can recognize markers but differently. Cellular and Molecular Life Sciences, 79(1), 52. https://doi.org/10.1007/s00018-021-04058-4.

5. Borek-Dorosz, A., Pieczara, A., Orleanska, J., Brzozowski, K., Tipping, W., Graham, D., Bik, E., Kubrak, A., Baranska, M., & Majzner, K. (2024). Raman microscopy reveals how cell inflammation activates glucose and lipid metabolism. Biochimica et Biophysica Acta (BBA)-Molecular Cell Research, 1871(1), 119575. https://doi.org/10.101