

List of publications

1. Lagerweij, T., Dusoswa, S. A., Negrean, A., Hendrikx, E. M., de Vries, H. E., Kole, J., Garcia-Vallejo, J. J., Mansvelder, H. D., Vandertop, W. P., Noske D. P., Tannous, B. A., Musters, R. J. P., van Kooyk, Y., Wesseling, P., Zhao, X. W. & Wurdinger, T. (2017). Optical clearing and fluorescence deep-tissue imaging for 3D quantitative analysis of the brain tumor microenvironment. *Angiogenesis*, 1-14.
2. Negrean, A. & Mansvelder, H. D. (2014). Optimal lens design and use in laser-scanning microscopy. *Biomedical optics express*, 5(5), 1588-1609.
3. Yan, P., Acker*, C. D., Zhou*, W. L., Lee*, P., Bollensdorff*, C., Negrean*, A., Lotti*, J., Sacconi*, L., Antic, S. D., Kohl, P., Mansvelder, H. D., Pavone, F. S. & Loew, L. (2012). Palette of fluorinated voltage-sensitive hemicyanine dyes. *Proceedings of the National Academy of Sciences*, 109(50), 20443-20448.
4. Witte, S., Negrean, A., Lodder, J. C., De Kock, C. P., Silva, G. T., Mansvelder, H. D., & Groot, M. L. (2011). Label-free live brain imaging and targeted patching with third-harmonic generation microscopy. *Proceedings of the National Academy of Sciences*, 108(15), 5970-5975.

*equal contribution.