

General Microscopy

Overview: Much research is aimed at improving imaging in a variety of conditions such as: correcting for spherical aberrations in 3D imaging far from the ideal focal plane, correcting for motion related artifacts, and developing new imaging modalities. In each case the SLM is used as a powerful tool to supplement and enhance capabilities of traditional microscopes.

Critical requirements: Due to the breadth of this category the requirements of the SLM are specific to the scope of the research. Meadowlark's wide range of product options and customizations enable the SLM to be tuned to match the requirements of each new approach to microscopy.

Recommended References:

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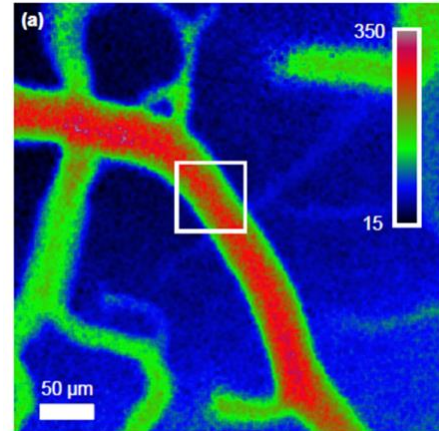


Figure 1 Ringuette, D., Sigal, I., Gad, R., & Levi, O. (2015). Reducing misfocus-related motion artefacts in laser speckle contrast imaging. *Biomedical optics express*, 6(1), 266-276.

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