

Community-developed checklists for publishing images and image analysis (QUAREP-LiMi WG 12)

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Abstract

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Microscopy images and their analysis are prevalent in publications of biomedical research. However, for scientists wishing to publish microscopy images and image analysis results, there are to date no unified guidelines. Consequently, microscopy images and image data in publications may be unclear or difficult to interpret. QUAREP-LiMi Working Group 12 presents its community-developed checklists for publishing images and image analysis. The goal of our guidelines is to increase the clarity and reproducibility of image figures and thereby heighten the quality of microscopy data in publications. We will also discuss current directions to generate and deliver training material around these checklists to the microscopy community.