

Corrigendum: Fluorescence nanoscopy by polarization modulation and polarization angle narrowing

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In the version of this article initially published, it was not clearly indicated that all the results obtained required the use of the SPEED (sparsity penalty–enhanced estimation by demodulation) deconvolution algorithm to reconstruct dye orientation data. This has been amended as follows in all versions of the article. The sentence in the abstract that was previously “We show that measurement of the average orientation of fluorescent dyes attached to rigid sample structures mapped to regularly defined (50 nm)² image nanoareas can provide subdiffraction resolution (super resolution by polarization demodulation, SPoD)” has been amended to “We show that measurement of the average orientation of fluorescent dyes attached to rigid sample structures mapped to regularly defined (50 nm)² image nanoareas can, in combination with application of the SPEED (sparsity penalty–enhanced estimation by demodulation) deconvolution algorithm, provide subdiffraction resolution (super resolution by polarization demodulation, SPoD).” The sentence in the introduction that was formerly “This is done by rotating the polarization of a wide-field excitation beam and detecting the periodic signals emitted with different phases from different nanoareas using wide-field camera detection (SPoD)” has been amended to “This is done by rotating the polarization of a wide-field excitation beam and detecting the periodic signals emitted with different phases from different nanoareas using wide-field camera detection (SPoD), followed by reconstruction with a deconvolution algorithm, SPEED.” Finally, the following sentence has been added to the introduction: “All images generated with SPoD and ExPAN in this paper include reconstruction with the SPEED algorithm”.

Erratum: MetaPhlAn2 for enhanced metagenomic taxonomic profiling

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In the version of this article initially published, MetaPhlAn was mislabeled as MetaphlAn2 in the key to Figure 1a (blue stars). The error has been corrected in the HTML and PDF versions of the article.