

Subject:Decision on Nature Communications manuscript NCOMMS-23-06890

Date:Wed, 22 Mar 2023 07:53:54 -0400

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** If you wish to forward this email to your co-authors, please delete the link to your author home page below **

Dear Dr Enyedi,

Thank you again for submitting your manuscript "A genetically encoded sensor for visualizing leukotriene B4 gradients in vivo" to Nature Communications. We have now received reports from 3 reviewers and, on the basis of their comments, we have decided to invite a revision of your work for further consideration in our journal. Your revision should address all the points raised by our reviewers (see their reports below). Please note that fully addressing these concerns may require further experimental work, particularly in regard to the requests from Reviewer #2 related to biosensor design and characterisation.

When resubmitting, you must provide a point-by-point response to the reviewers' comments. Please show all changes in the manuscript text file with track changes or colour highlighting. If you are unable to address specific reviewer requests or find any points invalid, please explain why in the point-by-point response.