## Detailed Status Information

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| **Manuscript #** | NMETH-CM29363B |
| **Current Revision #** | 2 |
| **Other Versions** | NMETH-CM29363 NMETH-CM29363A |
| **Submission Date** | 24th Apr 17 |
| **Current Stage** | Manuscript accepted |
| **Title** | Assessing phototoxicity in live fluorescence imaging |
| **Manuscript Type** | Commentary |
| **Manuscript Comment** | NMETH-CM29363 initial submission<br>NMETH-CM29363A first revision<br>NMETH-CM29363B: Current submission (2nd revision) |
| **Corresponding Author** | Pierre Laissue (plaissue@essex.ac.uk) (University of Essex) |
| **Contributing Authors** | Rana Alghamdi , Pavel Tomancak , Emmanuel Reynaud , Hari Shroff |
| **Authorship** | Yes |
| **Abstract** | Is the answer to biological questions significantly impacted by live fluorescence microscopy? Given the variety of questions, sample responses and imaging modalities, quantitative, practical assessments and reporting standards need to be applied. Here we sum up key insights on phototoxicity discussed at the Light-Sheet Fluorescence Microscopy conference in 2016. |
| **Techniques** | Life sciences techniques, Cellular imaging [Microscopy]; Life sciences techniques, Cellular imaging [Fluorescent proteins]; Life sciences techniques, Signal transduction techniques [Fluorescent dyes]; Not Applicable; Life sciences techniques [Cellular imaging]; Life sciences techniques [Experimental organisms]; |
| **Subject Terms** | Biological sciences/Biological techniques/Microscopy<br>Scientific community and society/Scientific community/Publishing |
| **Show Author Information** | Allow Reviewers to see Author information. |
| **Competing Financial Interest** | There is **NO** Competing Interest. |
| **Applicable Funding Source** | Company of Biologists - EA1170 [Laissue]<br>Royal Society - IF150018 [Laissue]<br>King Abdulaziz University of Saudi Arabia (KAU) - RAA [Alghamdi] |
| **Decision** | Accept / 7th Jun 17 |

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