Thursday, October 8, 2020

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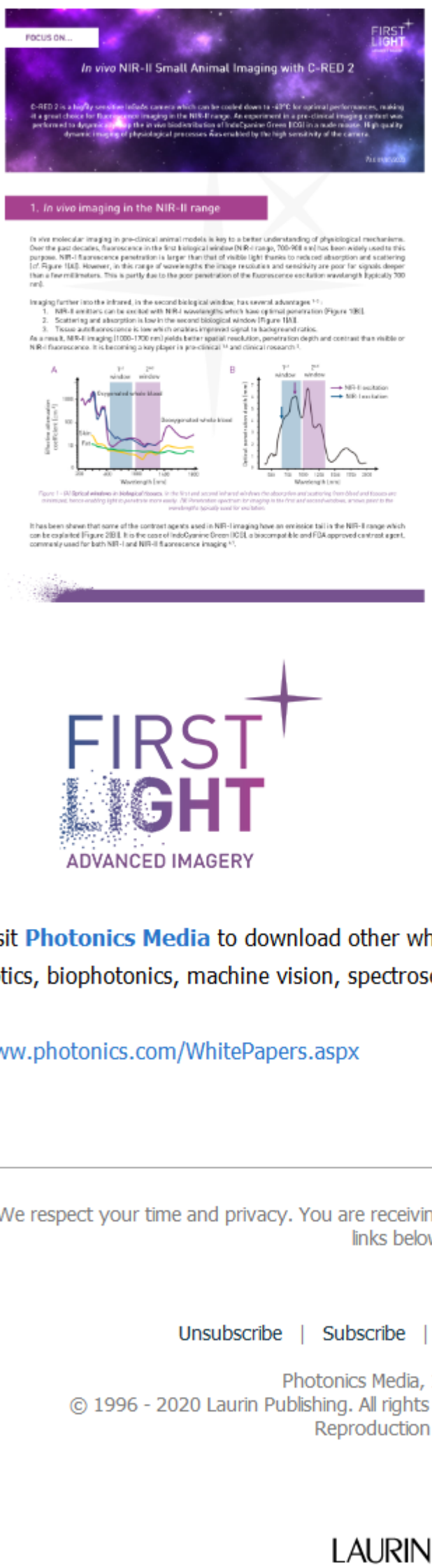

In vivo NIR-II Small Animal Imaging with C-RED 2 InGaAs Camera

C-RED 2 is a highly sensitive InGaAs camera which can be cooled down to -40°C for optimal performances, making it a great choice for fluorescence imaging in the NIR-II range. An experiment in a pre-clinical imaging context was performed to dynamically map the in vivo biodistribution of IndoCyanine Green (ICG) in a nude mouse. High quality dynamic imaging of physiological processes was enabled by the high sensitivity of the camera.

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