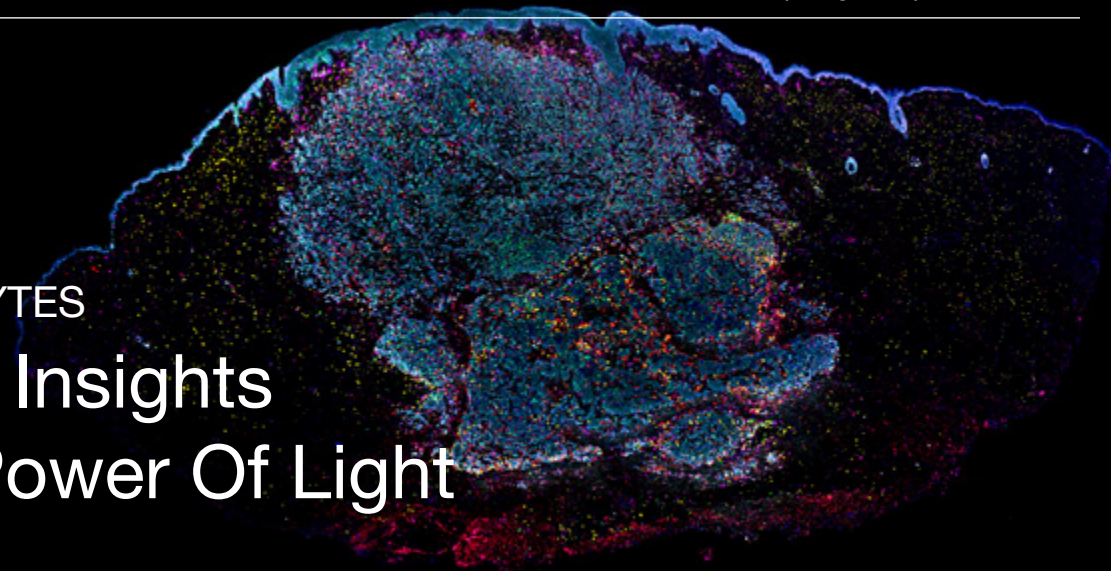


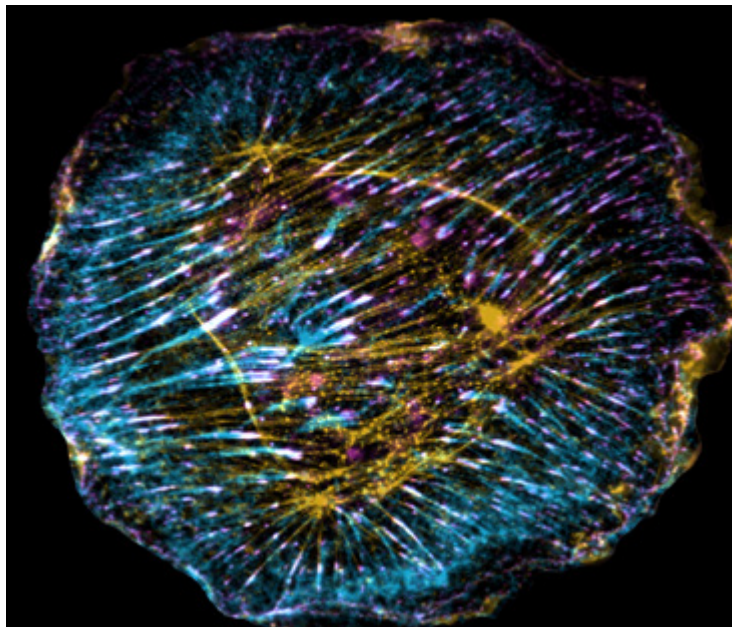
Lumencor Light BYTES Advancing Insights With The Power Of Light



LUMENCOR'S 2021 EARTH DAY IMAGING COMPETITION. AND THE WINNER IS.....

Congratulations to Dr. Tejeshwar Rao, postdoctoral fellow in Professor Alexa Mattheyses' laboratory in the Department of Cell, Developmental and Integrative Biology at the University of Alabama, Birmingham. He is the deserving first prize winner of Lumencor's 2021 Earth Day Imaging Competition and will soon be the proud owner of a new [SOLA Light Engine](#). The winning image (below) is notable as an example of visualization of functional, as well as structural properties, of cells and tissues. To learn more about Dr Rao's research and the motivations behind it, check out his profile interview in the [Journal of Cell Science](#).

Congratulations are also due to the second and third prize winners, Dr. Danaí Montalván-Sorrosa (Instituto de Química, Universidad Nacional Autónoma de México) and Dr. Raghuvveer Parthasarathy (Department of Physics, University of Oregon). As always, we were impressed with the endeavor and skill evident in all the images submitted in this year's competition. Thanks to all our customers for their support of Lumencor illumination products!

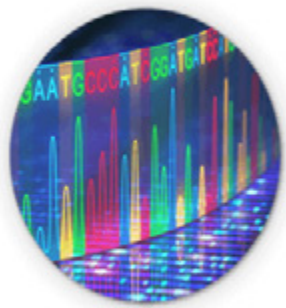


Legend: Lumencor Earth Day Imaging Competition 2021, First Prize, submitted by Dr. Tejeshwar Rao, University of Alabama: A single HUVEC cell with blue fluorescence generated by a tension gauge tether (TGT) probe in response to adhesion forces exerted by the cell. The cytoskeleton-organizing adaptor protein paxillin and the actin cytoskeleton are represented by purple and orange fluorescence respectively. Image acquired using a SOLA SE 365 Light Engine on a Nikon Ti2 microscope.

SPATIAL BIOLOGY US CONGRESS (27–30 September, 2021)

Reflecting our increasing engagement in this dynamic and fast-growing field, Lumencor is proud to be a silver sponsor of this year's online [Spatial Biology US Congress](#). On September 29 at 1:30 PM Eastern, 10:30 AM Pacific, Pu Zheng from Professor Xiaowei Zhuang's laboratory at Harvard University, will be giving a presentation on "Genome-scale Imaging of the 3D Chromatin Organization and Transcriptional Activity in Single Cells." Pu's will present an in-depth discussion of his work using the

[CELESTA Light Engine](#) published in [Cell \(2020\) 182:1641–1659](#). Preceding the presentation on September 28 at 4:00 PM Eastern, 1:00 PM Pacific, Pu will participate in a roundtable discussion together with Lumencor's Director of Technical Support Iain Johnson, Ph.D., and Sales Engineer Shayra Leon, a specialist in the use of Lumencor laser products for spatial biology applications.



Spatial Biology US

Online | 27 - 30 September 2021 | EST (UTC-5)

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