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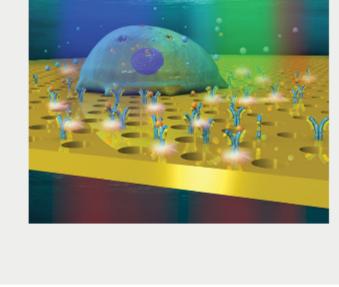
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#### efficacy rely mainly on precise cell analysis and engineering. With advanced gene sequencing technologies, researchers have revealed the

In an era of fast-emerging personalized therapies, accuracy and

complex heterogeneity in the genomics, proteomics, and epigenomics among cells that share the same phenotype. Decoding the behavior of individual cells is not only essential to fully understanding the underlying mechanisms, it also enables the screening and selection of potential candidates for cell therapies.



**Future** 







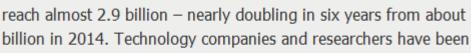
## vision. Now, such technology is taking researchers, microscopists, and others deeper into cellular and biological samples.

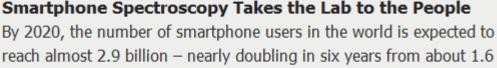
are among emerging microscopy advancements that are bettering optical inspection in areas including the life sciences and machine

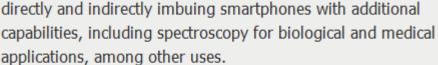
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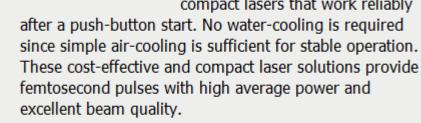


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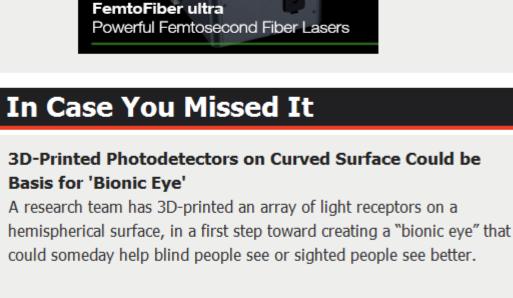
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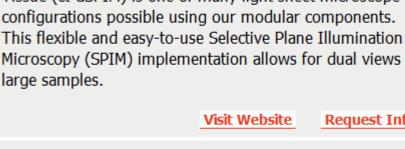
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Microscopy (SPIM) implementation allows for dual views of

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### Thu, Oct 25, 2018 1:00 PM - 2:00 PM EDT This webinar will discuss Flamingo, a new model for advanced microscopy based on shareable, modular instruments. Flamingo modules are configurable to a broad range of applications, are easy to upgrade, and offer a greater choice of functions. Presenter Jan Huisken, a principal investigator at the Morgridge Institute for Research and one of the founders of light-sheet microscopy, will begin with a history of this versatile technique and will discuss the benefits of light-sheet microscopy, such as low phototoxicity and high-speed image acquisition. He will then describe the development of Flamingo and how the Flamingo model for advanced light-sheet microscopy could be used to advance the work of labs worldwide. This webinar is sponsored by ASI. Register Now

Mexico in Mexico City. The EOS system produces images with far less patient exposure to radiation than conventional x-

Using semiconducting organic polymers, a research team at the University of St. Andrews in Scotland has developed an

ultrathin membrane laser that could be used for new applications in security, biophotonics, and photomedicine.

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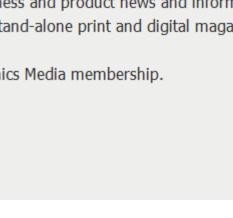
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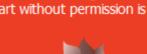
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