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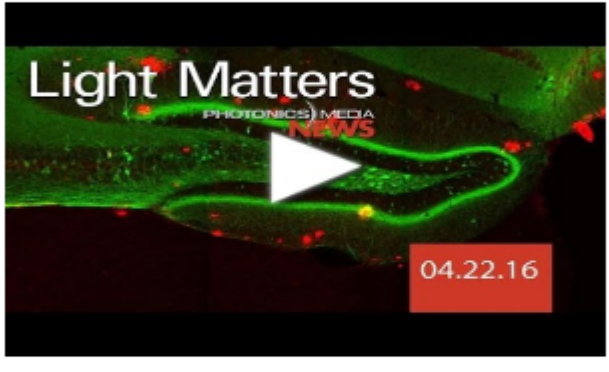
Light Matters

PHOTONICS MEDIA NEWS



On this month's show, we look at a new optogenetics technique developed at MIT's Riken Center that uses fiber optic light stimulation to essentially regrow lost synaptic connections in the brain. Researchers' incredible findings could ultimately help combat Alzheimer's and other neurological diseases.

We also delve into an IR imaging method that is helping beekeepers ensure the health of their colonies; Managing Editor Michael Wheeler tells us how growing nanostructures could someday create self-cleaning textiles; and we learn about a new noninvasive spectroscopy technique for the assessment of bacteria in things like food and blood supplies.