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Stanford, CA  
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\$1,000,000  
June 2021

Imagine a world where we build within biological systems, rather than inserting devices. Imagine a nerve growing its own antenna to receive direct communication from physicians, or glucose -measuring cells sending instructions directly to an insulin pump, or neurons forming precisely defined new connections between two distant brain regions simply by assembling a conductive polymer pathway. Two professors at Stanford





they refer to as “synthetic neurobiology” will involve using genetic techniq