ADVANCED FUNCTIONAL MATERIALS **FUNCTIONAL BIOMATERIALS** Tropoelastin is crosslinked with methacrylation and light to make MeTro. MeTro enables encapsulation and surface interactions with cells, as shown by A. Khademhosseini, A. S. Weiss, and co-workers on page 4950. Patterned MeTro is elastic and supports the organized growth of functionally active, beating cardiomyocytes. Immunostaining shows α -sarcomeric actinin (green), connexin-43 (red), and nuclei (blue). WILEY-VCH