

## NEWS

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ARTICLE BY *N. SCARCELLI ET AL.*

10.1126/sciadv.aaw1947

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Accidentally created in 2009, YInMn was the first new blue pigment in more than 200 years. Now investigators are trying to make more.

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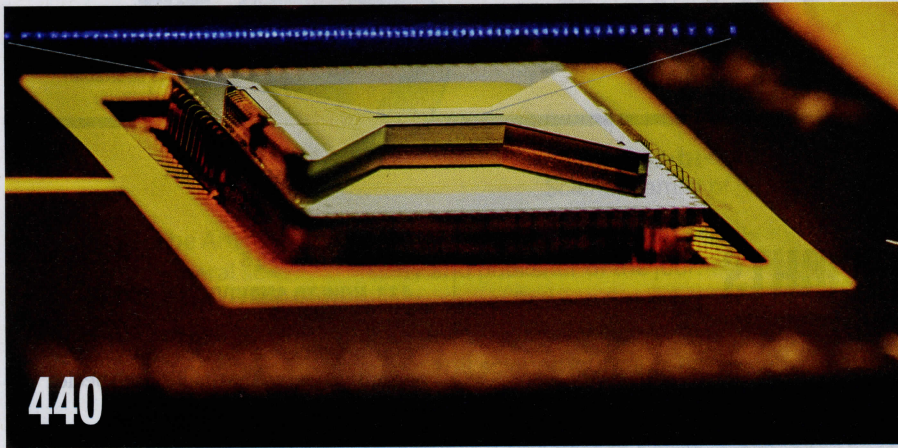
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REVIEW SUMMARY; FOR FULL TEXT:  
dx.doi.org/10.1126/science.aav9713

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RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:  
dx.doi.org/10.1126/science.aat6982

#### 452 HUMAN GENOMICS

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RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:  
dx.doi.org/10.1126/science.aat8266



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RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:  
dx.doi.org/10.1126/science.aav9436

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RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:  
dx.doi.org/10.1126/science.aau9952  
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### ON THE COVER



Focus-stacked photograph of a 3D printed multivascular hydrogel containing a bioinspired alveolar air sac (width at bottom:  $\sim 4.5 \text{ mm}$ ) surrounded by a network of blood vessels (diameter:  $\geq 0.3 \text{ mm}$ ) mimicking distal lung architecture. The ventilated, distending air sac provides oxygen to human red blood cells that flow through the ensheathing vasculature. A materials innovation provides a means to build and study multivascular topology within engineered tissues. See page 458. For more on the process behind the cover image, see <https://scim.ag/2ZDHC6>. *Image: Dan Sazer, Jeff Fitlow, and Jordan Miller*

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