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10.1126/science.aaf8287

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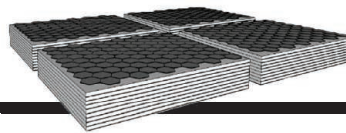
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REVIEW SUMMARY; FOR FULL TEXT:

[dx.doi.org/10.1126/science.aaf6517](https://doi.org/10.1126/science.aaf6517)

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RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:

[dx.doi.org/10.1126/science.aad8559](https://doi.org/10.1126/science.aad8559)

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Computationally designed, 120-subunit icosahedral protein nanoparticles (yellow, dimers; blue, trimers; green, pentamers). Combinations of these shapes result in a kaleidoscopic array of

self-assembling protein complexes, each of which rivals the size of a small viral capsid. Protein assemblies like these could form the basis for a new generation of biomolecular machines with structures and functions that are customizable for particular applications. See pages 338 and 389.

*Illustration: Valerie Attounian/Science, based on design models provided by J. Bale*

# Science

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