

Cover Picture

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The cover picture shows the process of building functional amphiphilic protein–polymer hybrids in a modular fashion. Monolayers of biotinylated polystyrene (purple) bind the protein streptavidin (blue), resulting in the formation of giant amphiphiles. The remaining free binding sites are subsequently used to associate biotinylated biomacromolecules (yellow), such as the iron-storage protein ferritin. The use of covalent conjugates of streptavidin and horseradish peroxidase leads to the formation of reactive surfaces, which are capable of catalyzing organic reactions. Further details on these giant amphiphiles are reported by Nolte and co-workers on p. 4732 ff.

