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# Bioconjugation Strategies

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Bioconjugation is a chemical technique that is used to couple two molecules together, at least one of which is a biomolecule, such as carbohydrate, nucleic acid, or protein. Functionalization of polymers can provide improved stability, solubility, trafficking pathways, and therapeutic potential for already useful biomolecules in a variety of applications. For instance, synthetically modified polymers can act as a tracker to record changes in cell behavior, as a marker for bio-imaging, or as a carrier to deliver drugs to targeted cells. Apart from that, polymers can also reveal enzyme function and determine protein biodistribution in the biomedical field after linking specific biomolecules.

Bioconjugation  
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<https://polymer.bocsci.com/custom-service/polymer-bioconjugation-service.html>

BOC Sciences 2022. Bioconjugation Strategies. **protocols.io**  
<https://protocols.io/view/bioconjugation-strategies-b8qrxvxn>



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