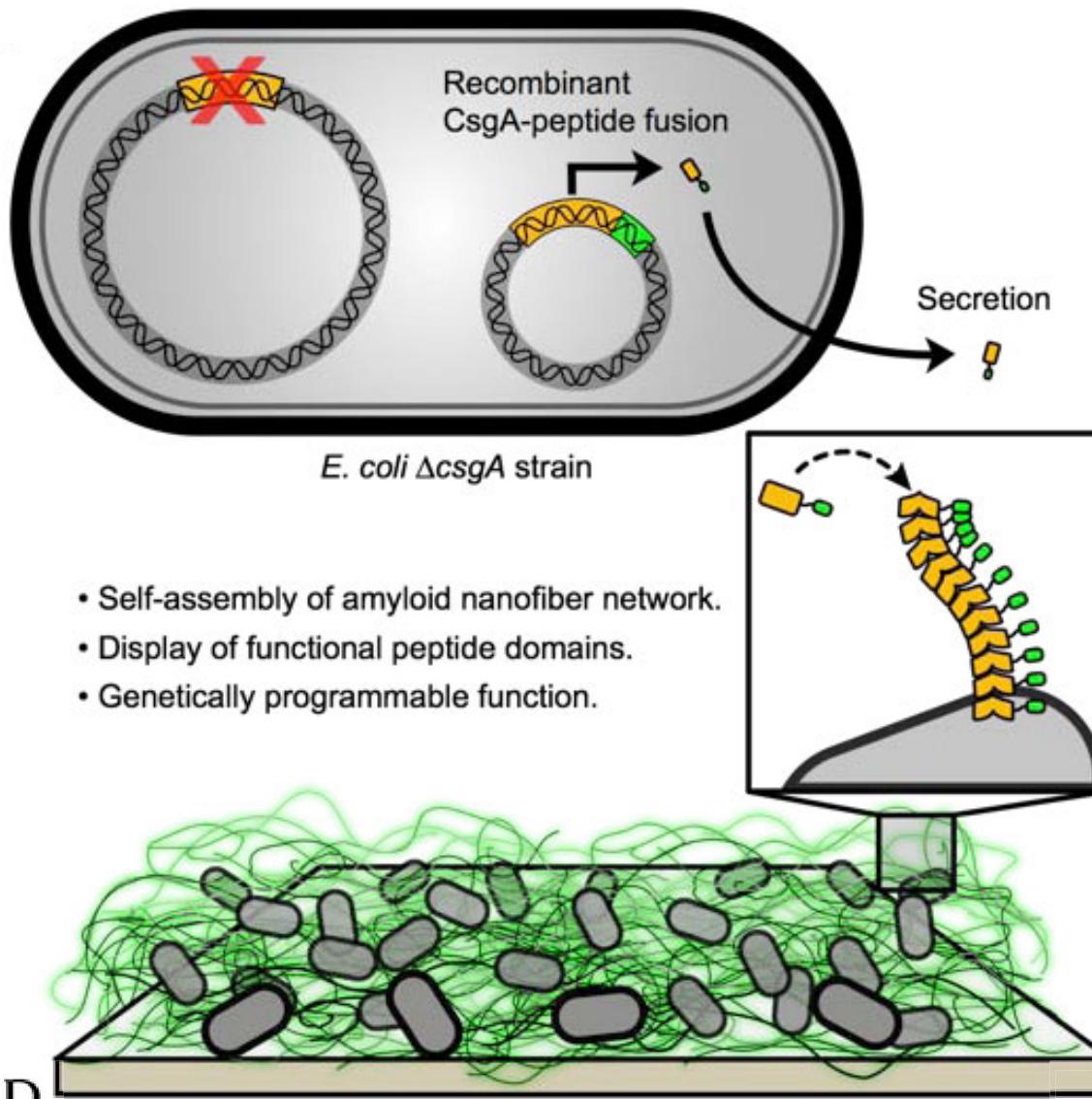


Biofilm Integrated Nanofiber Display (BIND)



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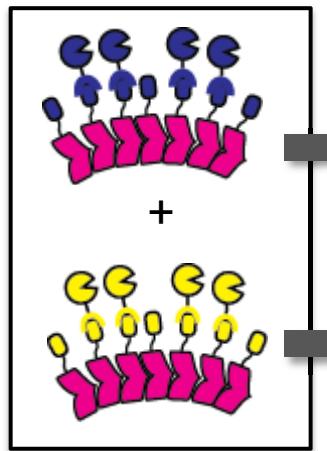
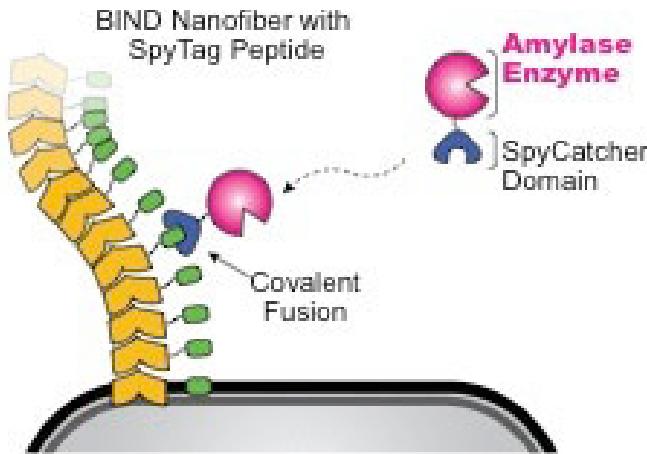


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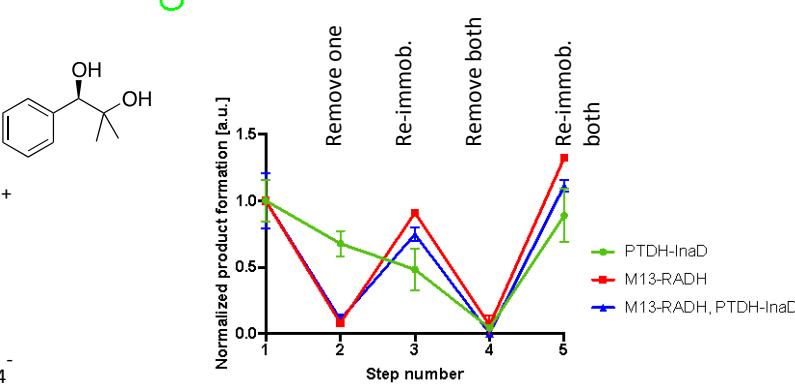
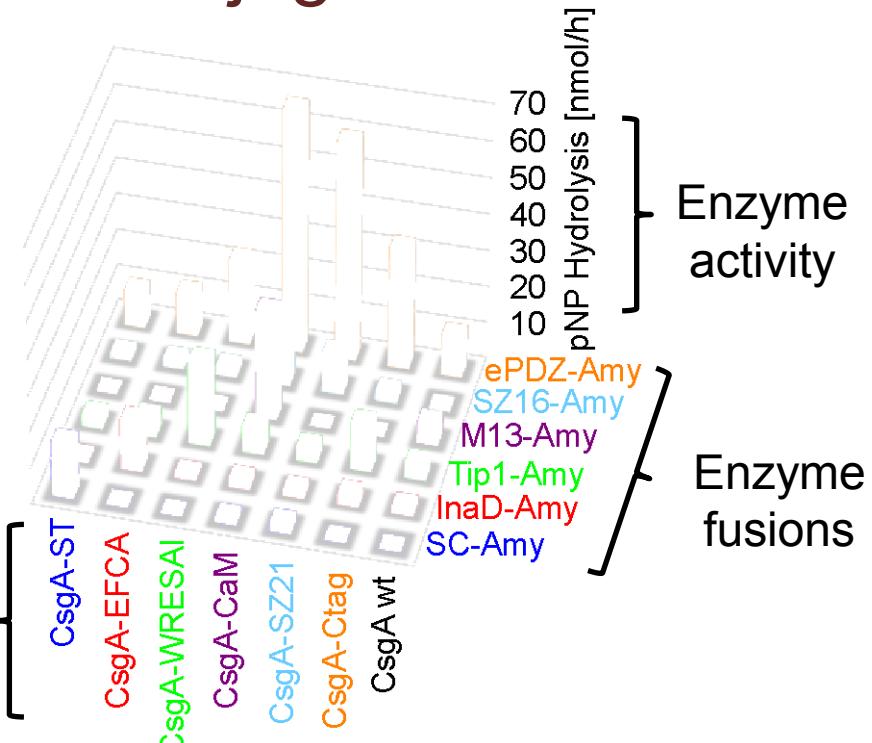
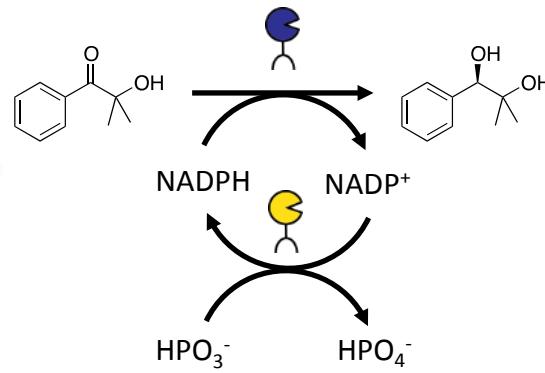
Nguyen, et al. *Nat Comm* 2014 5:4945

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Mutually orthogonal enzyme conjugation domains



Scaffold fusions



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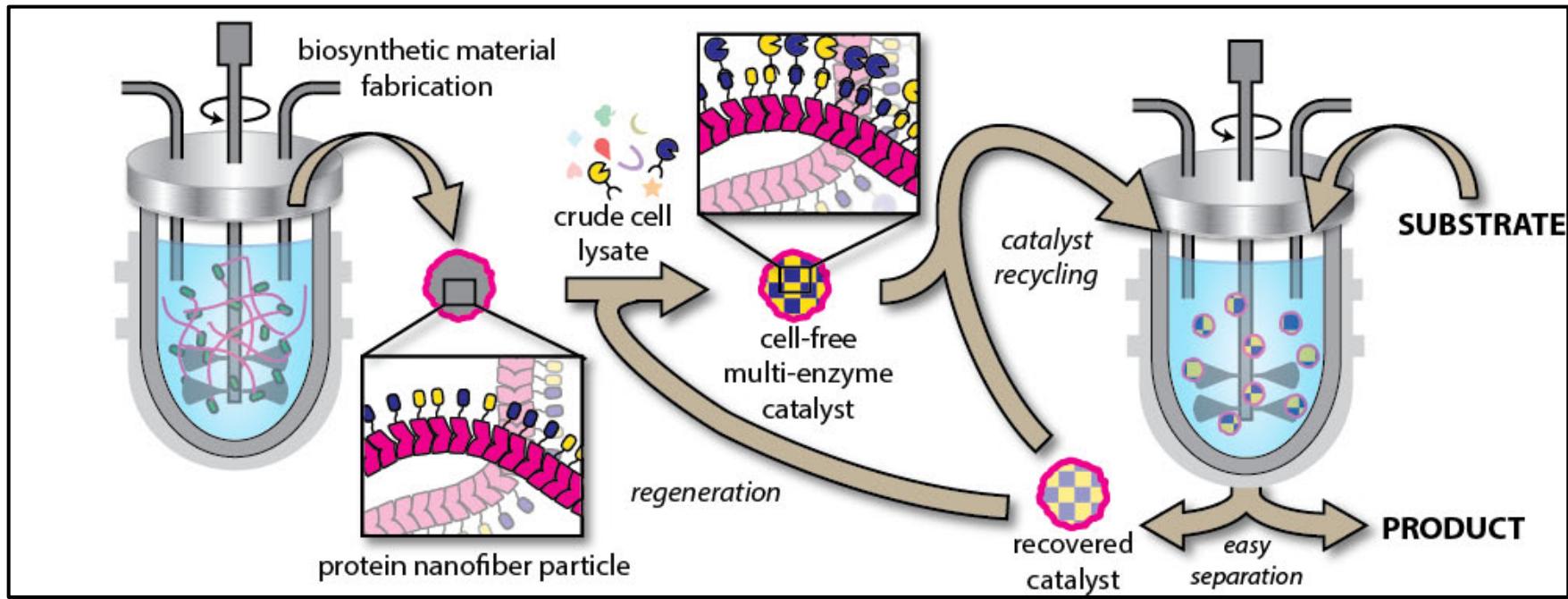


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Botyanszki, et al. *Biotech Bioeng* 2015 112(10) 2016-24
Nussbaumer, et al. *under review*

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Boot-strapped biocatalysis



Capabilities:

- Site-selective immobilization without purification
- Material produced by scalable fermentation
- Selective removal and reimmobilization of enzymes

Interests:

- Specialty chemical synthesis
- Water decontamination
- Custom materials manufacturing
- Resource extraction

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