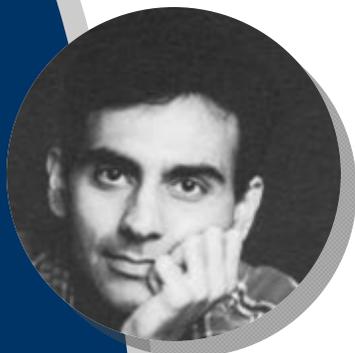
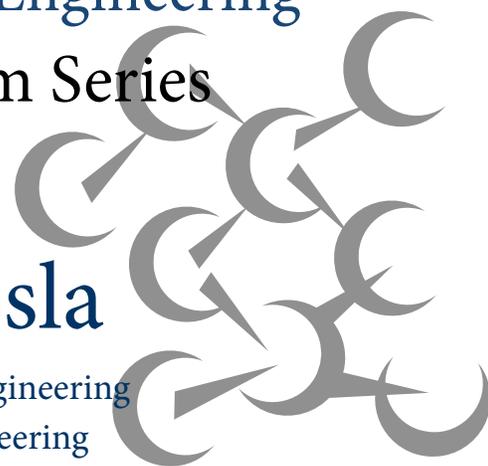


Chemical & Environmental Engineering
2009 - 2010 Colloquium Series



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Modular Biocatalysts

Polyketide synthases (PKSs) in nature are responsible for the biosynthesis of a number of complex natural products that have found use as drugs, animal health products and agrochemicals. Their apparently modular architecture has raised the possibility of biosynthetic engineering of new polyketides by rationally manipulating the DNA encoding these megasynthases.

In this lecture, available information that sheds light on the scope and limits to PKS modularity will be reviewed and critically analyzed.

Friday January 29, 2010

10:30 - 11:30 AM

ENGRII 205/206

Refreshments at 9:15 AM