

CBC SEMINAR ANNOUNCEMENT



Dr Steve Collier
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Scalable Processes to Pharmaceutical Intermediates and APIs Using Evolved Enzymes

Biocatalysis has become an increasingly important tool for the process chemist, and biocatalytic reactions can be leveraged to provide products of exquisite stereopurity. The development of directed evolution technologies has played a crucial role in enabling the delivery of enzymes as green, efficient and robust catalysts at commercial scale. This presentation will discuss the basic philosophy of directed evolution and its application to a number of different targets and processes, using a diverse range of enzymes including transaminases, acyltransferases, and oxidative enzymes.

Date:	12th April 2012 (Thursday)
Time:	2:00pm – 3:30pm
Venue:	NTU SPMS CBC Building Level 2, Conference Room
Host:	Assoc Professor Roderick Bates