

Seminar

Friday, 2 April 2004

2:00 Pursley Hall Room 211

Lab Scale Modeling of Fuel Alcohol Fermentations

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Economy improvements in fuel alcohol production are highly dependant on the development of enzymes that work better than those available today. Development of such enzymes requires a testing procedure that is small scale, high throughput, and representative of the actual process. A mini-scale fermentation assay has been developed to fit this need. Details of the assay, correlation to the full-scale process, data analysis and automation for high throughput will be discussed.