The August 2012 issue of Industrial Biotechnology will feature five articles by BESC scientists and one article featuring JBEI research. The featured cover art highlights the work of BESC researchers Marcus Foston and Arthur J. Ragauskas at the Georgia Institute of Technology.

Journal Issue Overview:

- **IB In Depth**: The Special Section on Advances in Biomass Characterization is provided by guest editor Brian Davison, titled “Overview: The Increasing Importance and Capabilities of Biomass Characterization”


- **Short Communication**: “Changes in Cell Wall Carbohydrate Extractability Are Correlated with Reduced Recalcitrance of HCT Downregulated Alfalfa Biomass” – Lead author, Sivakumar Pattathil, BESC

- **Methods**: “Comparison of Arabinoxylan structure in Bioenergy and model grasses” – Lead author, Ameya R. Kulkarni, BESC

- **Methods**: “Mechanical Stress Analysis as a Method to Understand the Impact of Genetically Engineered Rice and Arabidopsis Plants” – Lead author, Patanjali Varanasi, JBEI

- **Methods**: “Development of New Methods in Scanning Probe Microscopy for Lignocellulosic Biomass Characterization” – Lead author, Laurene Tetard, BESC