Using gene manipulation to engineer biofuels

With increasing demands for sustainable energy, being able to cost-efficiently produce biofuels from plant biomass is more important than ever. However, lignin and hemicelluloses present in certain plants mean that they cannot be easily converted into biofuels. A study [available here] published in BioMed Central's open access journal *Biotechnology for Biofuels* appears to have solved this problem, using gene manipulation techniques to engineer plants that can be more easily broken down into biofuels.

Additional Resources:

- "How Biofuels Will Lead Transition to a Sustainable Economy," TriplePundit
- "Venter: Biofuels 'dead' without U.S. aid," North County Times

View the original article here: Engineering Plants for Biofuels