



The Bio-energy Research Group of the Department of Plant Systems Biology at VIB/Ghent University has

2 Postdoc and 2 PhD positions

Topic

Lignin, an aromatic polymer that is mainly present in secondary-thickened plant cell walls, is one of the major limiting factors in the conversion of plant biomass to liquid bio-fuels. The major goal of the Bio-energy group is to understand the biosynthesis, polymerization and structure of lignin to provide the fundamental knowledge that is necessary to design plant cell walls that are easier to convert to bio-fuels. The project involves systems biology, metabolomics, transcriptomics and reverse genetics. Both *Arabidopsis* and poplar are used as model organisms.

Funding is for a period of 3 years. Start date: June 2008.

Your profile

You are highly motivated and interested in the topic
You have a degree in Biology, Biochemistry or Biotechnology
You have a feeling of responsibility
You like to work in a team
You have good knowledge of English
You have good laboratory skills

Please send your CV and letter of motivation to:

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