



The efficient separation, hydrolysis and conversion of principal components of lignocellulosic biomass allows to produce chemicals and value added compounds. Ionic liquids (ILs) have been used for

the pre-treatment and fractionation of biomass. The pre-treatment reveals that phenolic compounds were found in the IL phase.

During Lisbon Polyphenols 2014, *Dr Rafal Lukasik*, from Lisbon, will highlight the work devoted for the extraction of phenolic compounds from the recovered IL liquid using several adsorption resins in small scale batch processes. Phenolic compounds, such as vanillin, catechol and flavonoids were identified in extraction samples and also quantified. Temperature, residence time and water amount were evaluated in order to find optimal extraction conditions of phenolic compounds from IL.

For more information about Lisbon Polyphenols 2014: [www.polyphenols-site.com](http://www.polyphenols-site.com)