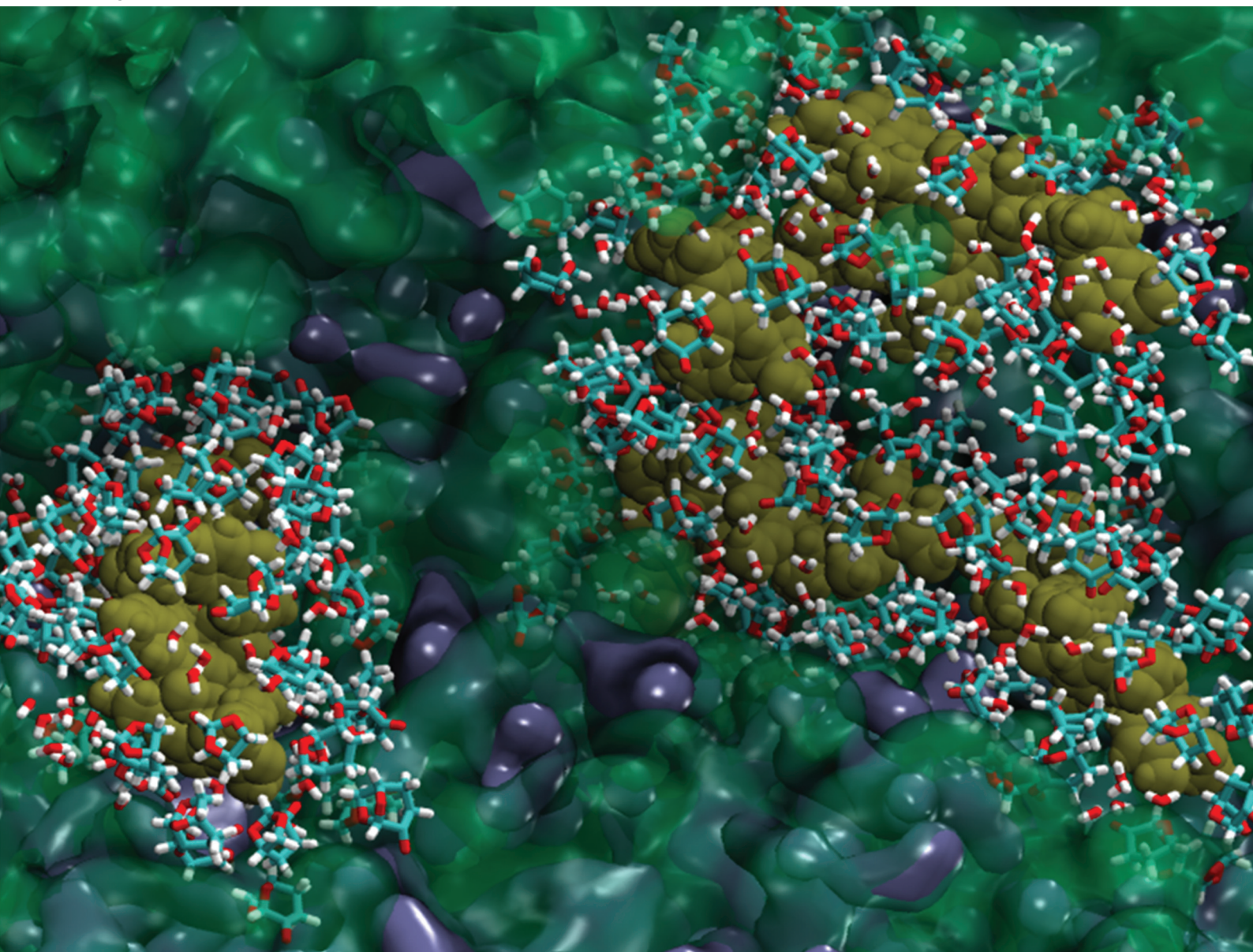


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**PAPER**

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Characterization and molecular simulation of lignin in Cyrene  
pretreatment of switchgrass