Dear Editor,

The enclosed manuscript “Extraction of polyphenols and nicotine and cellulase production using tobacco waste” presents results obtained using agroindustrial waste material as a resource for an economically and environmentally acceptable extraction of compounds with added value and enzymes production. Obtained enzymes can be used in the process of hydrolysis for obtaining valuable biotechnological products.

In the presented study we have used tobacco residues and optimized the conditions for the maximum content of polyphenols and nicotine in aqueous extracts using Response surface methodology. Also, it was applied *Streptomyces fulvissimus* CKS7 to modify the tobacco residues as pretreatment. The pretreatment improved the nicotine content and reduced polyphenols in extracts. In the literature, there are reported papaers about the production of cellulase from *Paenibacillus chitinolyticus* CKS1, but not using tobacco residues as substrate. Strain CKS1 demonstrated the dominance of exoglucanase activity during solid-state fermentation. Extracted compounds can be further processed in some commercial pharmaceutical products, while less toxic tobacco residues can be utilized in the production of enzymes. Extract compounds can be further processed in some commercial pharmaceutical products, while less toxic tobacco residues can be utilized in the production of enzymes and further for the possible production of bioethanol.

We trust that this work will have a considerable impact and hence hope that the manuscript can be considered for publication in Journal of the Serbian Chemical Society.

The authors have seen, read, and understood the journals guidelines on copyright.This manuscript describes original work and is not under consideration by any other journal. All authors approved the manuscript and this submission. The authors declare no conflicts of interest.

On behalf of other authors with kind regards,

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