Supplementary material

Theoretical evaluation of some natural polysaccharides as nanocarriers for the terpene alcohols from essential oils

Adina CĂTA,¹ Raluca POP¹,² Diana TCHIAKPE-ANTAL,² Florina ARDELEAN,² Grațiana RUSE,² and Ioana M.C. IENAȘCU^{1,3}

¹National Institute of Research and Development for Electrochemistry and Condensed Matter, 144 Dr. A. P. Podeanu, 300569 Timişoara, Romania
²Faculty of Pharmacy, University of Medicine and Pharmacy "Victor Babeş" Timisoara, Eftimie Murgu Square 2, 300041 Timişoara, Romania
³Department of Pharmaceutical Sciences, Faculty of Pharmacy, "Vasile Goldiş" Western University of Arad, 86 Liviu Rebreanu, 310045 Arad, Romania

Ovidius University Annals of Chemistry 36 (2025) 20-28. DOI: 10.2478/auoc-2025-0003

¹ Corresponding author. *E-mail address:* pop.raluca@umft.ro (Raluca Pop)

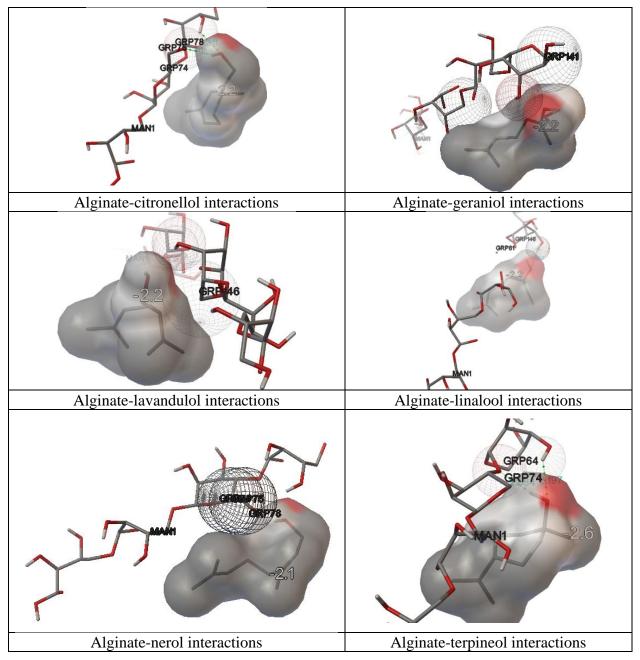


Figure S1. Graphic representation of the interactions between alcohols and alginate

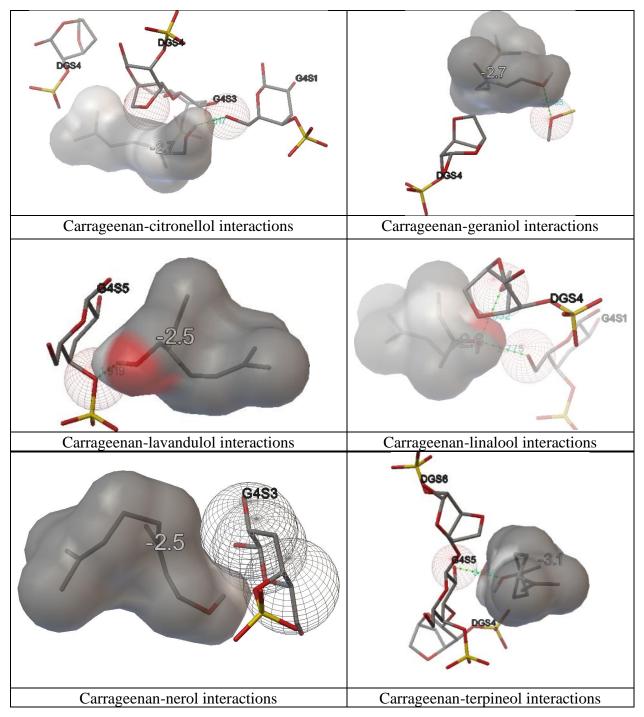


Figure S2. Graphic representation of the interactions between alcohols and carrageenan

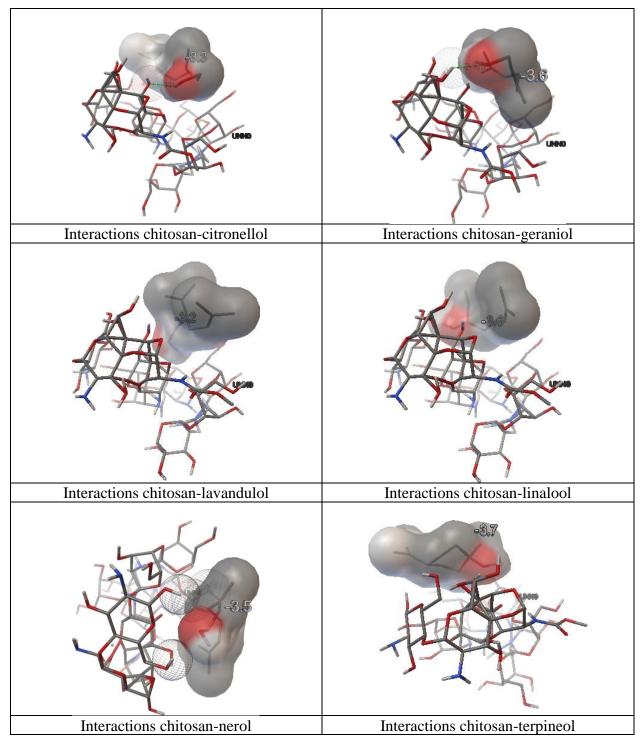


Figure S3. Graphic representation of the interactions between alcohols and chitosan

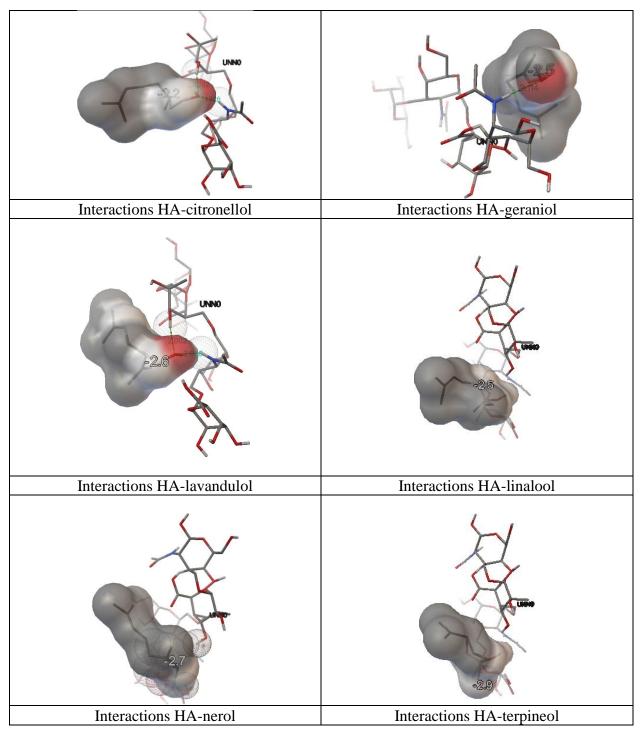


Figure S4. Graphic representation of the interactions between alcohols and hyaluronic acid

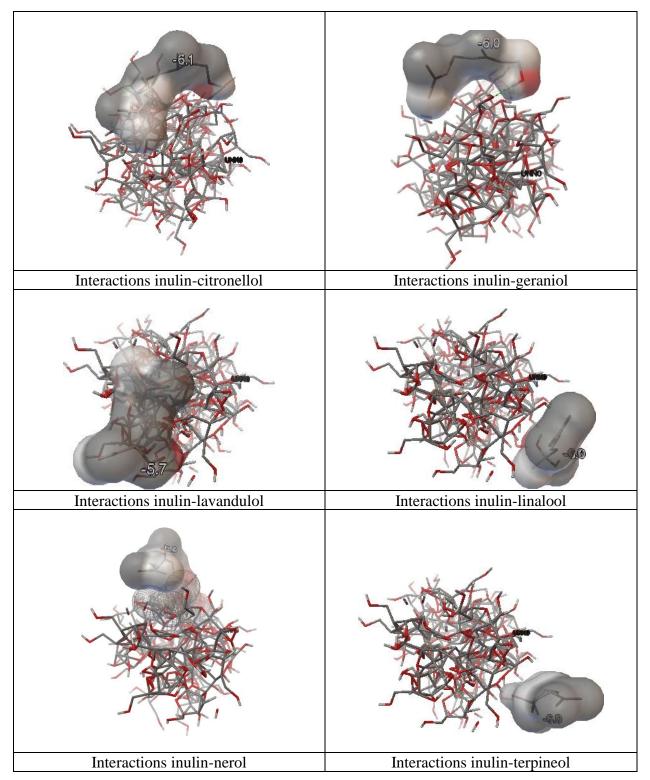


Figure S5. Graphic representation of the interactions between alcohols and hyaluronic acid

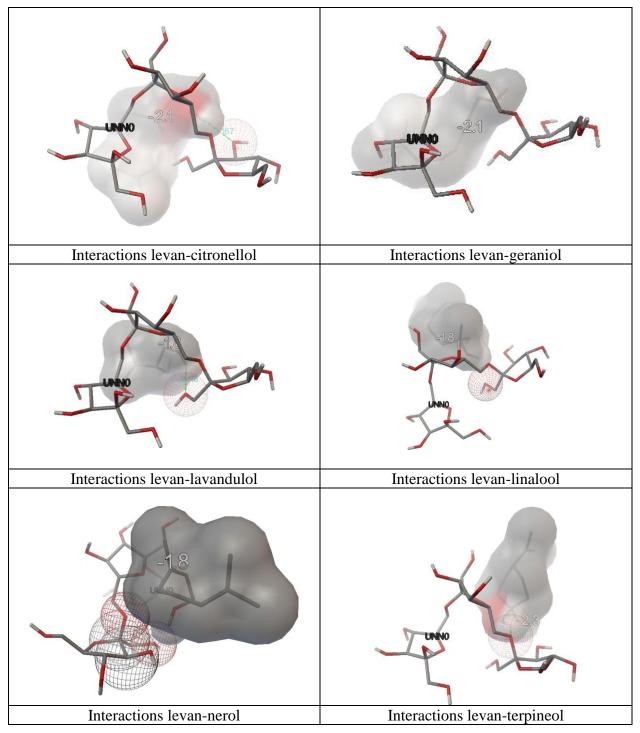


Figure S6. Graphic representation of the interactions between alcohols and levan

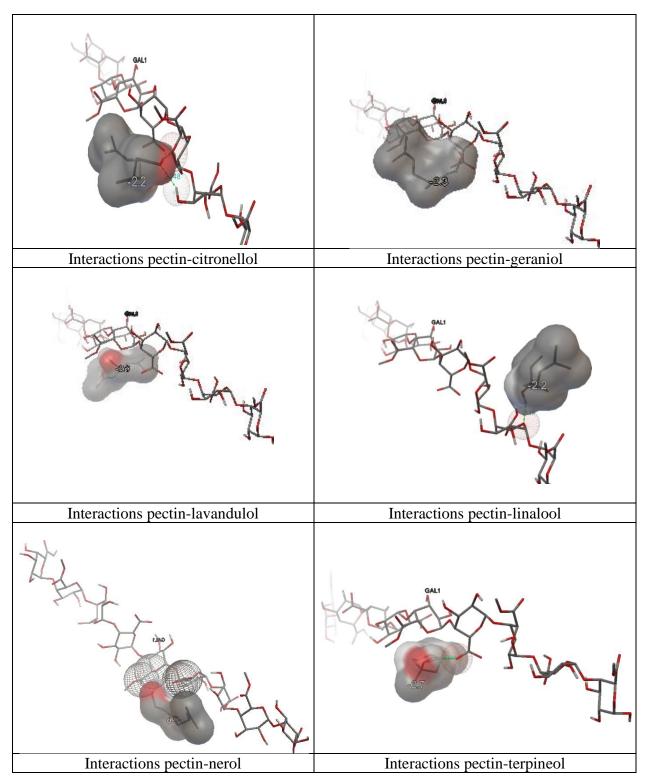


Figure S7. Graphic representation of the interactions between alcohols and pectin

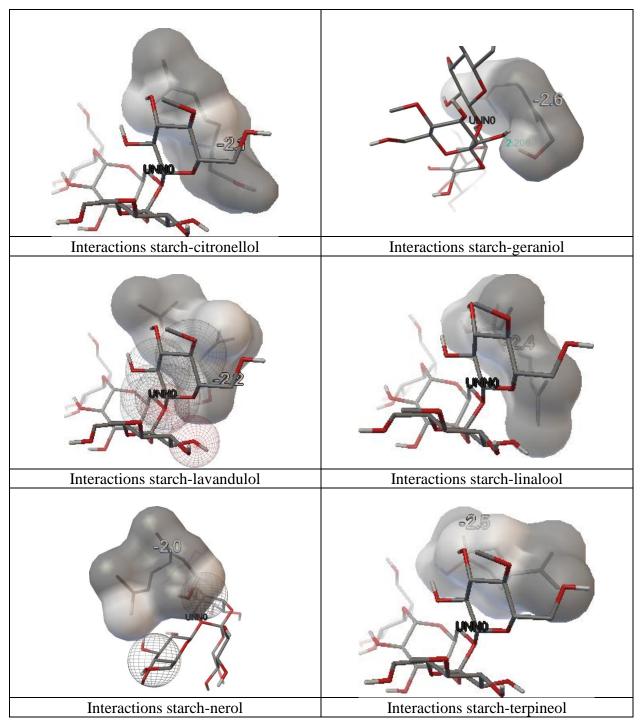


Figure S8. Graphic representation of the interactions between alcohols and starch

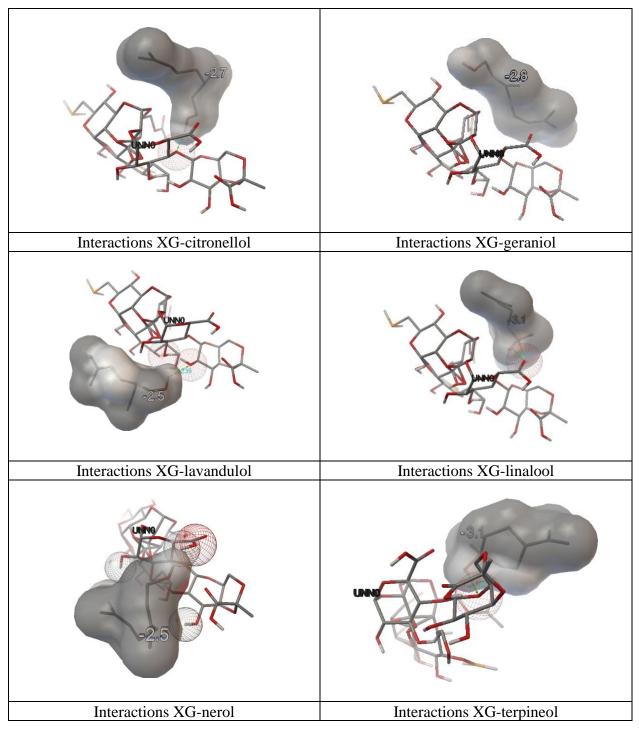


Figure S9. Graphic representation of the interactions between alcohols and xanthan gum (XG)