



To the Editor of Carbohydrate Polymers



Dear Sir/Madam,

With reference to the paper titled "Encapsulation of volatiles in nanofibrous polysaccharide membranes for humidity-triggered release" by Erika Mascheroni*, Carlos Alberto Fuenmayor, Maria Stella Cosio, Giuseppe Di Silvestro, Luciano Piergiovanni, Saverio Mannino, Alberto Schiraldi published in Carbohydrate Polymers, 98 (2013) 17–25, I would like to add some technical information about the origin of the experimental material used for experiments that could have passed unnoticed by the referees.

The paper describes some experimental activities that were conducted with the collaboration between myself and Dr. Gigliola Borgonovo, University of Milano.

The paper affirms that "Aroma compound AC, i.e. peryllaldehyde, was used as a model compound, it was a 90% of essential oil of perilla extracted and purified in our laboratories from leaves of the plant *Perilla frutescens*"

About this point I would like to clarify the following:

(1) *Perilla frutescens* PA chemotype is not commonly cultivated in Italy; neither the plant nor the essential oils are commercially available. The plants used for the purposes of this paper have been grown experimentally under my supervision at the botanic garden of Fondazione Minoprio (Vertemate, Como, Italy) in the frame of an International research project within Italy and Korea financed by MAE, Italian Ministry for Foreign Affairs and coordinated by me in the years 2007–2012.

- (2) The essential oils described in this paper have been prepared and purified in my laboratory by Dr. Gigliola Borgonovo and under my personal supervision.
- (3) The content of peryllaldehyde has been determined by NMR and HPLC in our laboratory.

The paper has been written and published without our authorisation; a claim about the authorship of this paper has been submitted to the Ethical Committee of University of Milano and is under evaluation.

Thank you for your kind attention

Best regards

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Available online 17 July 2014