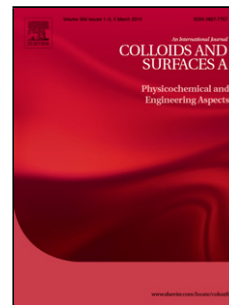


## Accepted Manuscript

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## Influence of multilayer O/W emulsions stabilized by proteins from a novel lupin variety *AluProt*-CGNA and ionic polysaccharides on D-limonene retention during spray-drying

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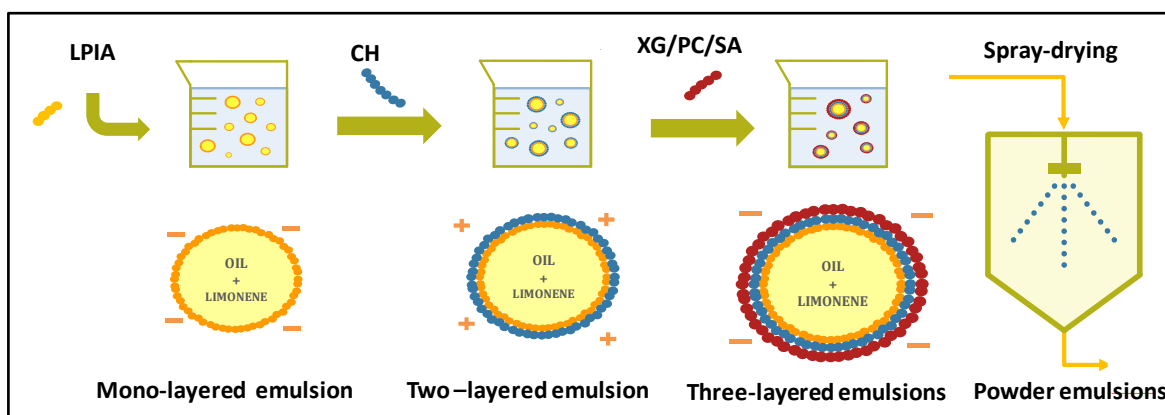
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### Graphical abstract



Schematic representation of the formation of multilayer emulsion system and spray-drying. LPIA:

lupin protein isolate *AluProt*-CGNA, CH: Chitosan, XG: Xanthan Gum, PC: Pectin

### Highlights

- - Multilayer emulsions presented greater physical stability than mono-layered emulsion

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