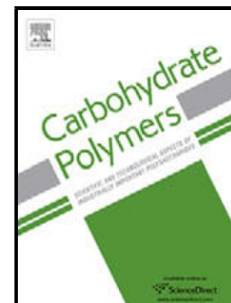


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Production and characterization of supercritical CO₂ dried chitosan nanoparticles as novel carrier device

Francisco J. Caro-León ^a, Waldo Argüelles-Monal ^a, Elizabeth Carvajal-Millán ^a, Yolanda L. López-Franco ^a, Francisco M. Goycoolea-Valencia ^b, Julio San Román del Barrio ^c and Jaime Lizardi-Mendoza ^{a*}.

^a Grupo de Investigación en Biopolímeros, Centro de Investigación en Alimentación y Desarrollo A.C., Carr. a La Victoria km 0.6, Hermosillo, Sonora, México, 83304.

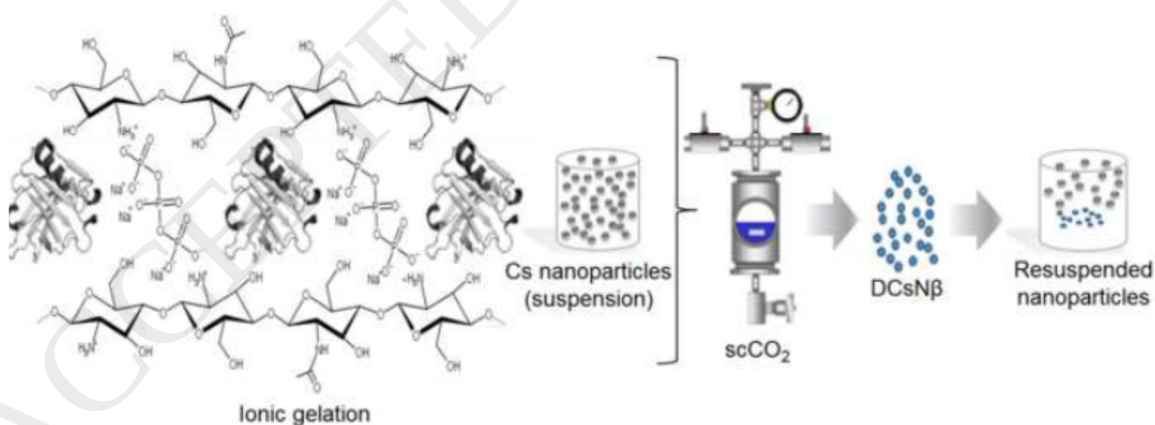
^b School of Food Science and Nutrition, University of Leeds, Woodhouse Ln, Leeds, United Kingdom, LS2 9JT.

^c Grupo de Investigación de Biomateriales, Departamento de Nanomateriales Poliméricos y Biomateriales, Instituto de Ciencia y Tecnología de Polímeros, CSIC, Juan de la Cierva 3, Madrid, Spain, 28006.

*Corresponding author. Jaime Lizardi-Mendoza (jalim@ciad.mx; +52 (662) 2892400).

E-mail addresses: javiercaroleon@gmail.com (F. J. Caro-León), jalim@ciad.mx (J. LizardiMendoza), waldo@ciad.mx (W. Argüelles-Monal), ecarvajal@ciad.mx (E. Carvajal-Millán), lopezf@ciad.mx (Y. L. López-Franco), f.m.goycoolea@leeds.ac.uk (F. Goycoolea-Valencia), jsroman@ictp.csic.es (J. San Román del Barrio).

Graphical abstract



Highlights

- Protein-loaded dry chitosan nanoparticles were obtained by CO₂ supercritical drying
- The dried material has stable porous structure with remarkable surface properties
- Electrostatic interactions allow high loading capacity after the drying process

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