**Sidi Bel-Abbes-ALGERIA, 11/02/ 2019**

**Cover letter to the Editor-in-Chief**

Manuscript Title:

'' **Development, Evaluation and *in vitro* Release Study of 2-Aminobenzothiazole Loaded Cellulose Derivatives Microspheres as Drug Carriers**''**.**

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**RUNNIG TITLE**

PREPARATION AND OPTIMIZATION OF CONTROLLED RELEASE MICROSPHERES

Type of submission: Original Research Paper.

The attempt of this manuscript is to prepare microspheres formulations containing 2-amino-benzothiazole as an active agent for sustained and prolonged release using microencapsulation by solvent evaporation method. The effects of the process conditions on microspheres characteristics and release kinetics were also investigated. This study allows the adjustment of process parameters using solvent evaporation method to obtain the desired microparticle sizes with high encapsulation efficiency (EE) and prolonged release rate. The results showed that the surface morphology and the encapsulation efficiency of the microspheres depended strongly on the polymer/solvent ratio and the release rate can be controlled by adjusting the process conditions.

The *Journal of the Serbian Chemical Society (JSCS)* publishes original research articles, review articles and scientific commentaries on different fields of chemistry with emphasis on conceptual novelty and scientific quality. More specifically, the Journal accepts publication reports on pharmaceutical and medicinal chemistry. For these reasons, we have chosen the *'’J. Ser. Chem. Soc*.'' *(JSCS)* for publication.

##### We certify that we have participated in this work and we agreed to have names listed as contributors: the present study was prepared by Ms Asma Merdoud, [PhD student](http://www.linguee.fr/anglais-francais/traduction/PhD+student.html) in the Laboratory of Physical and Macromolecular Organic Chemistry (LCOPM) directed by M. N. Chafi, Professor in the in the Faculty of Exact Sciences, Djillali Liabes University of Sidi Bel-Abbes, Algeria. Ms Meryem Mouffok, [PhD](http://www.linguee.fr/anglais-francais/traduction/PhD+student.html) in LCOPM laboratory directed by M. A. Mesli, has contributed by the use of microencapsulation technique and formulations preparation. M. A. Mesli, Professor in the Faculty of Exact Sciences, Djillali Liabes University of Sidi Bel-Abbes, Algeria and director of the Laboratory of Physical and Macromolecular Organic Chemistry (LCOPM) in the University of Sidi Bel Abbes, Algeria. M. C. Messaoud, Professor in the Faculty of Materials Sciences, Ibn Khaldoun University of Tiaret, Algeria.

We certify also that this manuscript has not been submitted to any other journal.

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