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From: XXX YYY<xxx@yyy.zzz>

Sent: Fri, Mar 22, 2013 at 8:48 PM

To: Managing Editor

Subject: Decision for manuscript number 2012_BJPR_3020

Please find attached file to find my opinion for manuscript number 2012_BJPR_3020

Attachment is below

Manuscript Title:**Optimizing Drug Targeting of Alginate Beads Using Gabapentin as a Hydrophilic Model Drug**

Manuscript number: **2012_BJPR_3020**

I think the idea of manuscript is a good one but its implementation is very bad as well as the use of calcium alginate for gabapentin was an unfortunate choice. My opinion is rejection of the paper for the following reason:

1-Alginate is well known that it is suitable as drug delivery system for insoluble or high molecular weight drugs (in our case gabapentin is very water soluble and low molecular weight 171.14)

2- In preparing calcium alginate we need some time for complete curing of beads (in case of the manuscript, not less than 30 min), most of the drug will escape during that time.

3-Alginate was not characterized regarding the ratio of mannuronic acid (M) and guluronic acid, M blocks, G blocks, MG blocks or its molecular weight, viscosity (these criteria is very important for behavior of the beads prepared)

4- The mucoadhesion experiment was performed using pig intestine but the medium used was simulated gastric fluid.

5- No reference for mucoadhesion experiment

6-The swelling of calcium alginate normally does not occur in gastric because alginate will not be in ionized form at acidic pH.

7-We did not what is the size of beads before and after drying.

8- Drying at ambient temperature overnight (The temperature used allowed the alginate beads to keep high amount of moisture that affect drug stability).

9-No rationality in using surfactant to decrease the release of the drug from alginate.

10-No mention for ethylcellulose in material or how was solid dispersion prepared in methods.

11- Still many linguistic mistakes present.

Editor's Details:

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Note: Modification was done in this email ONLY to hide the identity.