Qeios

Peer Review

Review of: "Porous poly(lactic acid) based fibres as drug carriers in active dressings"

Farnaz Sadat Fattahi[1]

1. Isfahan University of Technology, Iran, Islamic Republic of

1- It is suggested that the title of the paper be corrected to: **Porous Poly(Lactic Acid) based fibers as drug carriers in active membranes**

2- In a separate section in the introduction, PLA should be **fully** compared with other polymers used as antibacterial and wound dressing materials, and the advantages of this polymer should be expressed in relation to other materials.

3- Draw the chemical structure of the drugs, and report the reasons for selecting them.

4- Discuss the **releasing** behavior of the active agents more comprehensively. (Burst release? Why?)

5- Add another diagram in the releasing section; (amount of released drugs versus time for each case) and discuss them carefully.

6- In Figure 5, the duration time of drug releasing should be identified.

7- Check the entire article grammatically.

8- Why is there no estimation of the porosity ratio of the fibers?

9- Can you provide the SEM that shows the nano-scale pores on the fibers?

Declarations

Potential competing interests: No potential competing interests to declare.

doi.org/10.32388/JWQ18L