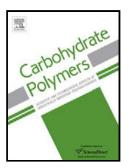
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Title: Bacterial cellulose membrane produced by Acetobacter sp. A10 for burn wound dressing applications



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Highlight

- 1. BCM produced by *Acetobacter sp.* showed an appropriate range of the physic-chemical properties to maintain a proper fluid balance on the burn wound of skin.
- 2. BCM treatment for 15 days was successfully accelerated the process of wound healing through the stimulation of epithelization, angiogenesis and connective tissue formation.
- 3. BCM may not induce any significant toxicity toward the liver and kidney of SD rats.
- 4. BCM may be considered as one of effective candidate materials for accelerating the healing process of burned skin.

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