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Title: *In vitro* degradation of covalently cross-linked arabinoxylan hydrogels by Bifidobacteria

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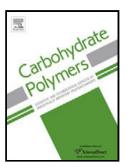
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ACCEPTED MANUSCRIPT

1	Highlights
2	Covalently crosslinked arabinoxylans (AX) gels with different structure were obtained
3	AX gels were biodegradable by mixture of two Bifidobacterium
4	Changes in microstructure of AX gels allowed different degradation profiles
5	AX gels could be used as microflora-activated system for colon delivery
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