

Supporting Information

Alginate bead based hexagonal close packed 3D implant for bone tissue engineering

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Table TS1: Value of R^2 obtained after fitting the metronidazole release data to different kinetic model

Sl.No	Drug release kinetics model	R^2 Value for '3L'implant	R^2 Value for '5L'implant
1	Zero order	0.916	0.783
2	First order	0.977	0.875
3	Higuchi	0.998	0.960
4	Hixson-Crowell	0.718	0.569
5	Korsmeyer-Peppas	0.996	0.954