

Global Challenges

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**Sustainable Drug Delivery of Famotidine Using
Chitosan-Functionalized Graphene Oxide as Nanocarrier**

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Oxide as Nano-carrier

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**Table S1: Amount of FMT encapsulated within the CHGO samples
(at encapsulation efficiency of 67.2 %)**

Characterization	Amount of CHGO (mg)	Amount FMT encapsulated (mg)
XRD	10	0.75
FTIR	2	0.14
SEM	1	0.07
DSC	5	0.37

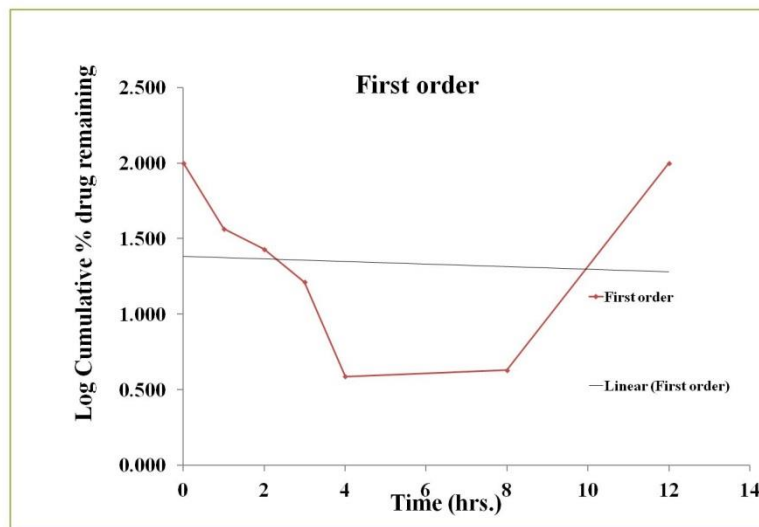


Figure S1 Kinetics and drug release mechanism of CH-FMT