

**Icariin-loaded Sulfonated Polyetheretherketone with Osteogenesis
Promotion and Osteoclastogenesis Inhibition Properties via
Immunomodulation for Advanced Osseointegration**

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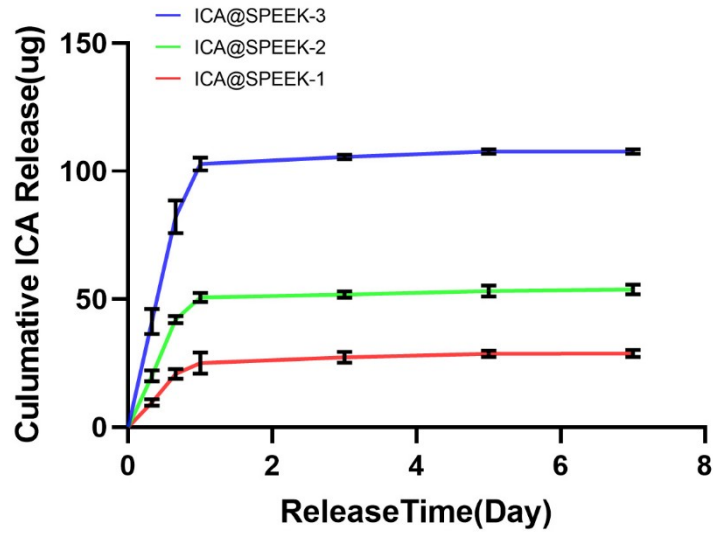


Figure S1 ICA release curves of three kinds of ICA@SPEEK.

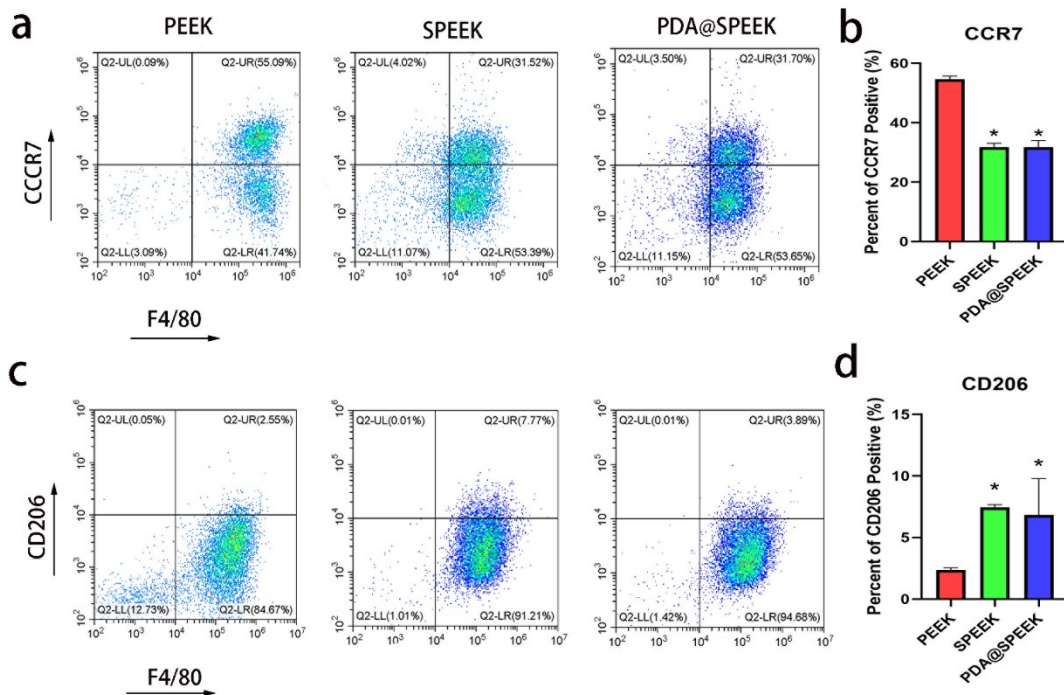


Figure S2 *In vitro* macrophage polarization. (a, c) Representative dot images of surface marker CCR7 (M1 macrophages) and CD206 (M2 macrophages) of BMDMs analyzed by flow cytometry, respectively. (b, d) Percentage of CCR7 and CD206 positive cells respectively. (*represent $P < 0.05$ when compared with PEEK)