

## **Supplementary materials**

### **Resina Draconis Particles Encapsulated in a Hyaluronic Acid Based Hydrogel to Treat Complex Burn Wounds**

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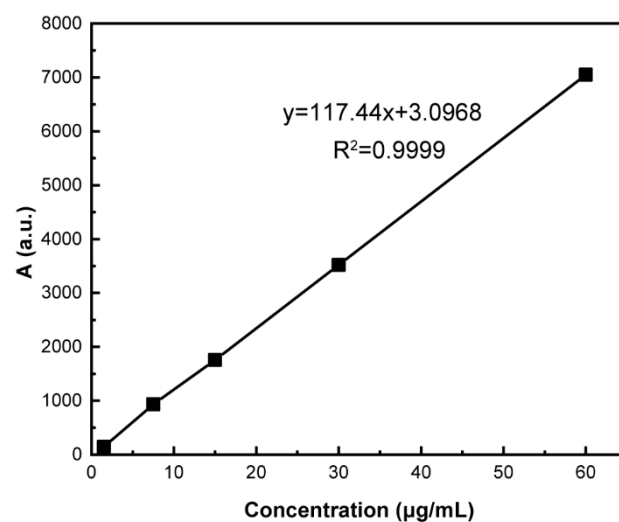
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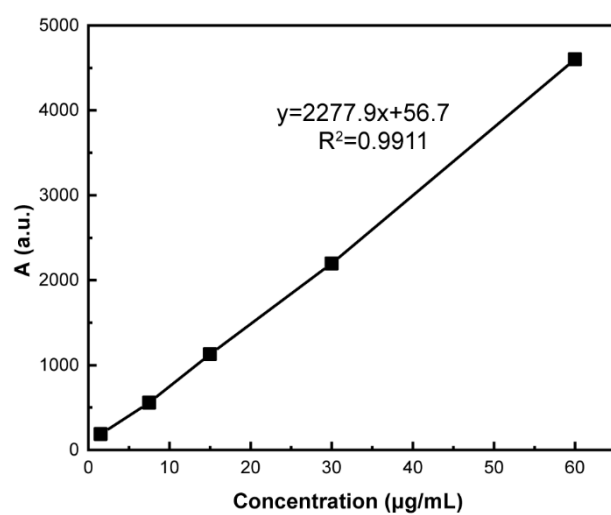
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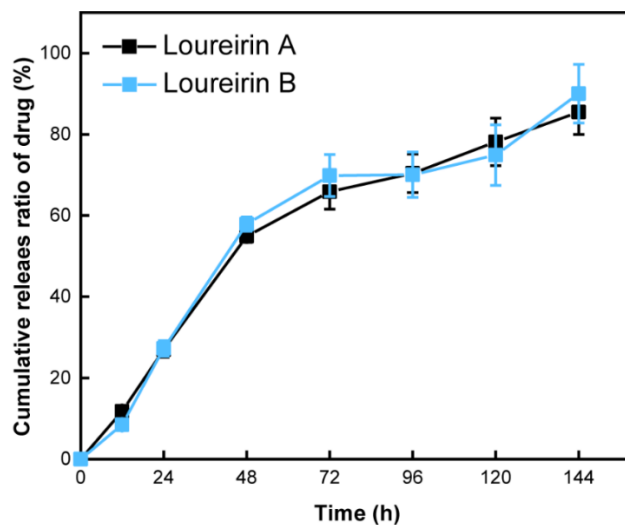
E-mail: [inzahu@hotmail.com](mailto:inzahu@hotmail.com), [pinghu@jnu.edu.cn](mailto:pinghu@jnu.edu.cn)



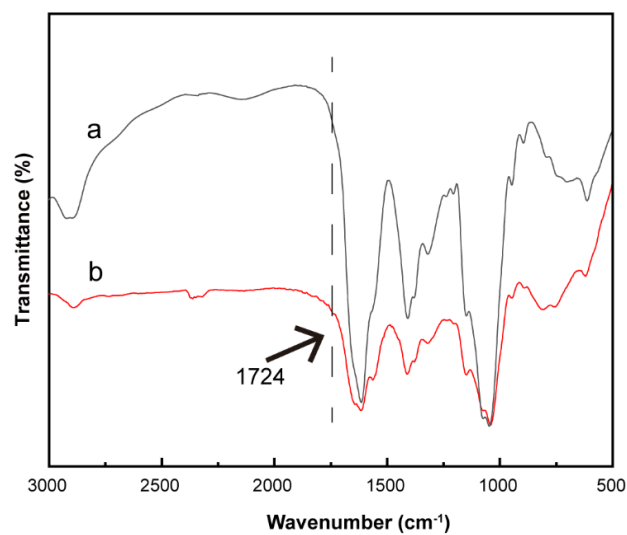
**Figure S1:** Standard Curve of Loureirin A.



**Figure S2:** Standard Curve of Loureirin B.

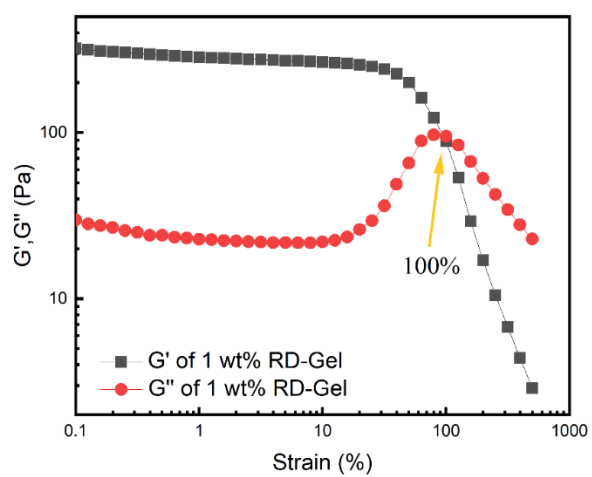


**Figure S3:** Release of LoureirinA and Loureirin B from the Resina Draconis particles *in vitro*.



**Figure S4:** FT-IR spectra of (a) HA, (b) OHA.

**Figure S5:**  $^1\text{H}$ -NMR spectra of CMCS.



**Figure S5:**  $G'$  and  $G''$  of the hydrogel on strain sweep of 1 wt% RD-Gel.