

## RESEARCH ARTICLE

Programmable and printable formaldehyde dehydrogenase as an excellent catalyst for biodegradation of formaldehyde

## Supplementary file

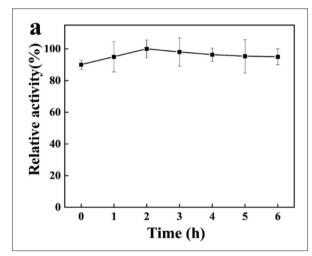


Figure S1. Biocompatibility of sodium alginate.

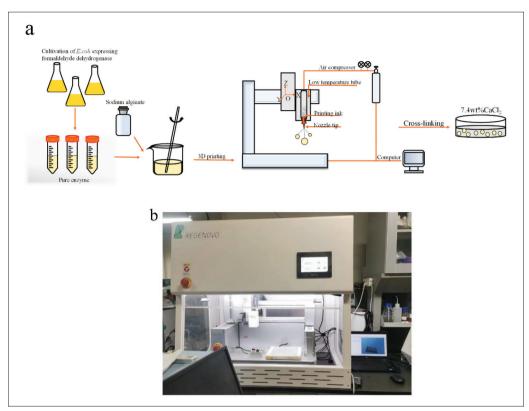


Figure S2. Flowchart and photograph of the experimental set-up for the preparation of 3D-printed PFDH/CA microspheres.

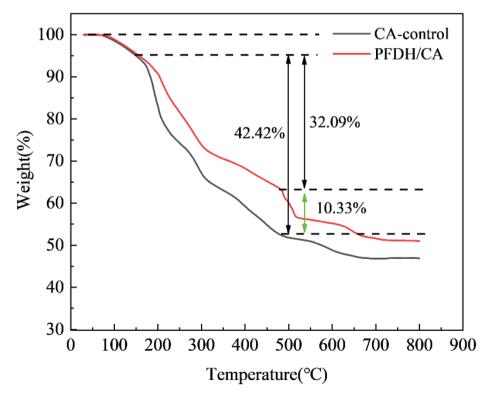


Figure S3. TGA profiles of the 3D-printed PFDH/CA microspheres and CA-control.

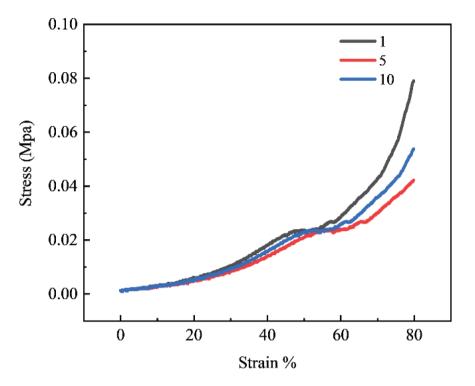


Figure S4. The stress-strain curves of 3D-printed PFDH/CA microspheres were obtained after 1 use, 5 reuses, and 10 reuses.