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Supporting Information

Fabrication of a novel bio-inspired collagen-polydopamine hydrogel and insights into the formation mechanism for biomedical applications

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Table S1. The denaturation temperatures (T_d) and endothermic peak areas (calorimetric enthalpy, ΔH) of all COL-PDA hydrogels with various concentrations of dopamine (a: 0 mg/ml; b: 0.5 mg/ml; c: 1 mg/ml; d: 2 mg/ml, e: 5 mg/ml and f: 10 mg/ml).

| Parameters | a | b | c | d | e | f |
|------------------|--------|--------|--------|--------|--------|-------|
| T_d (°C) | 60.32 | 61.42 | 61.69 | 61.94 | 61.13 | 57.11 |
| ΔH (J/g) | 126.03 | 149.80 | 160.50 | 166.45 | 149.65 | 83.90 |