Electronic Supplementary Material (ESI) for RSC Advances.

ELECTORNIC SUPPLEMENTARY INFORMATION

Dietary flavone chrysin (5,7-dihydroxyflavone ChR) functionalized highly-stable metal nanoformulations for improved anticancer applications

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Fig. S1

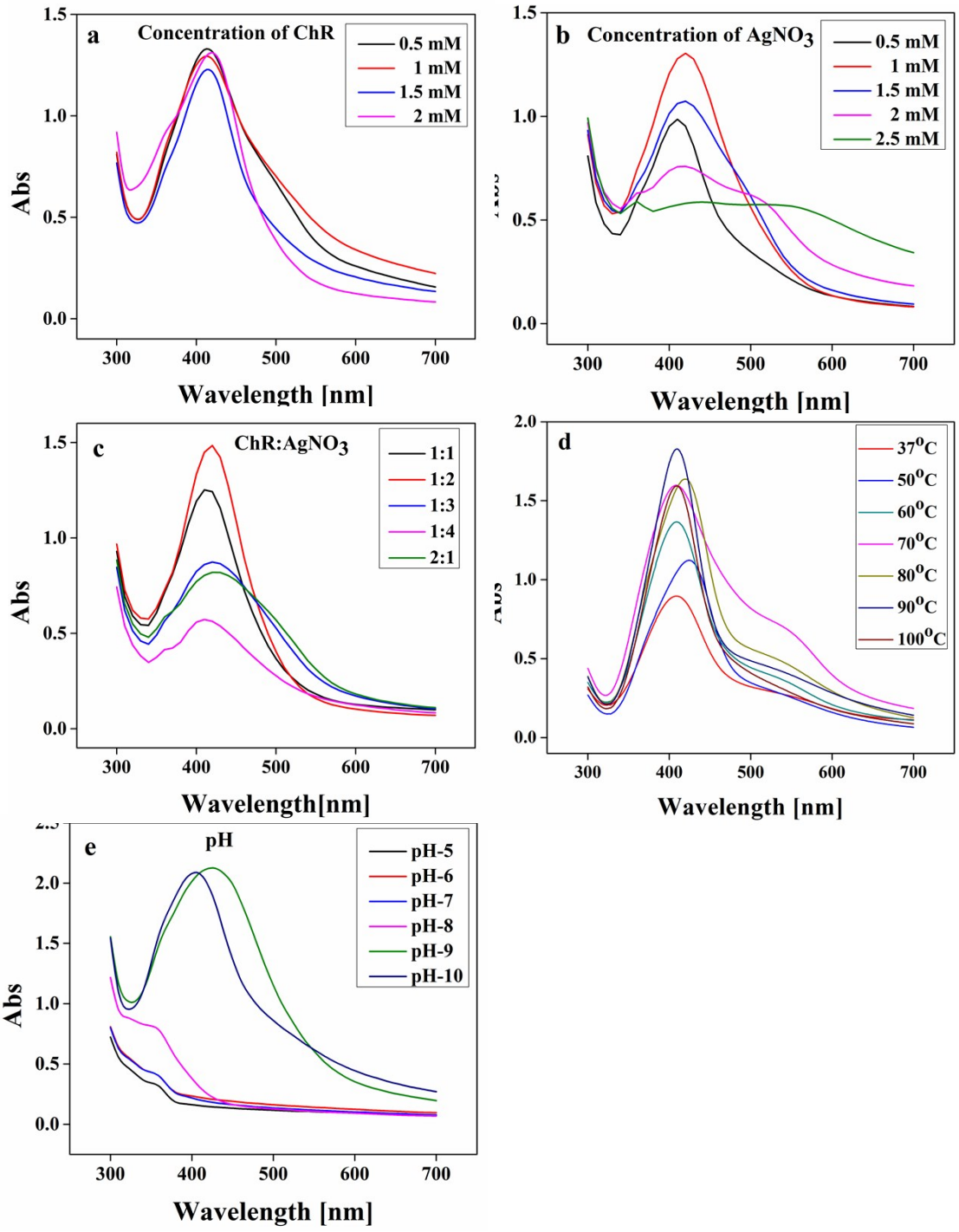


Fig. S1. Influence various reaction kinetics to control over the size, shape of ChR-AgNPs synthesized using ChR. (a) Effect of ChR concentration, (b) Effect of metal ion ($AgNO_3$) concentration, (c) Effect of stiochiometric proportion of reaction mixture, (d) Effect of temperature and (e) Effect of pH.

Fig. S2

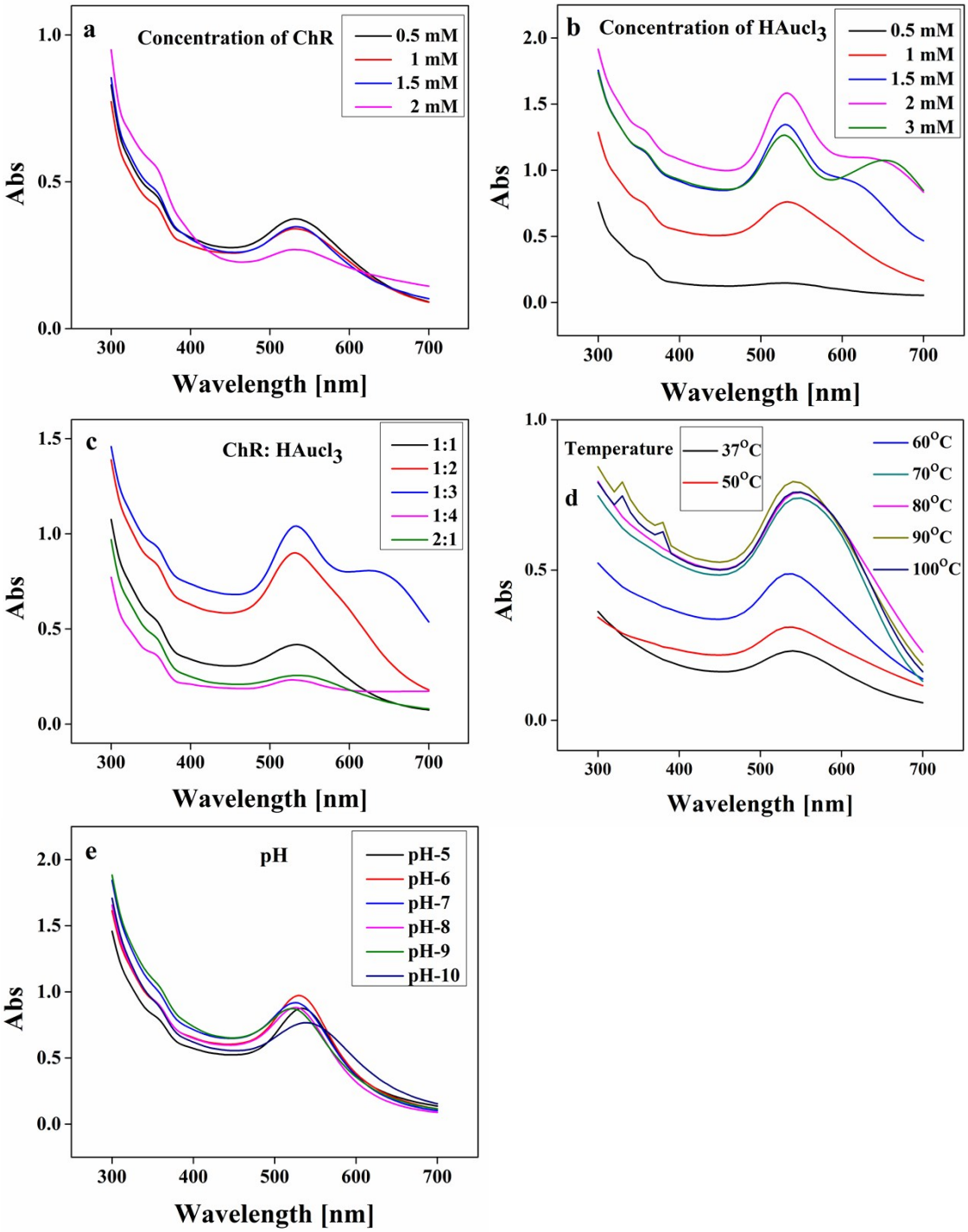


Fig. S1. Influence various reaction kinetics to control over the size, shape of ChR-AuNPs synthesized using ChR. (a) Effect of ChR concentration, (b) Effect of metal ion ($HAucl_4$) concentration, (c) Effect of stiochiometric proportion of reaction mixture, (d) Effect of temperature and (e) Effect of pH.

Fig. S3

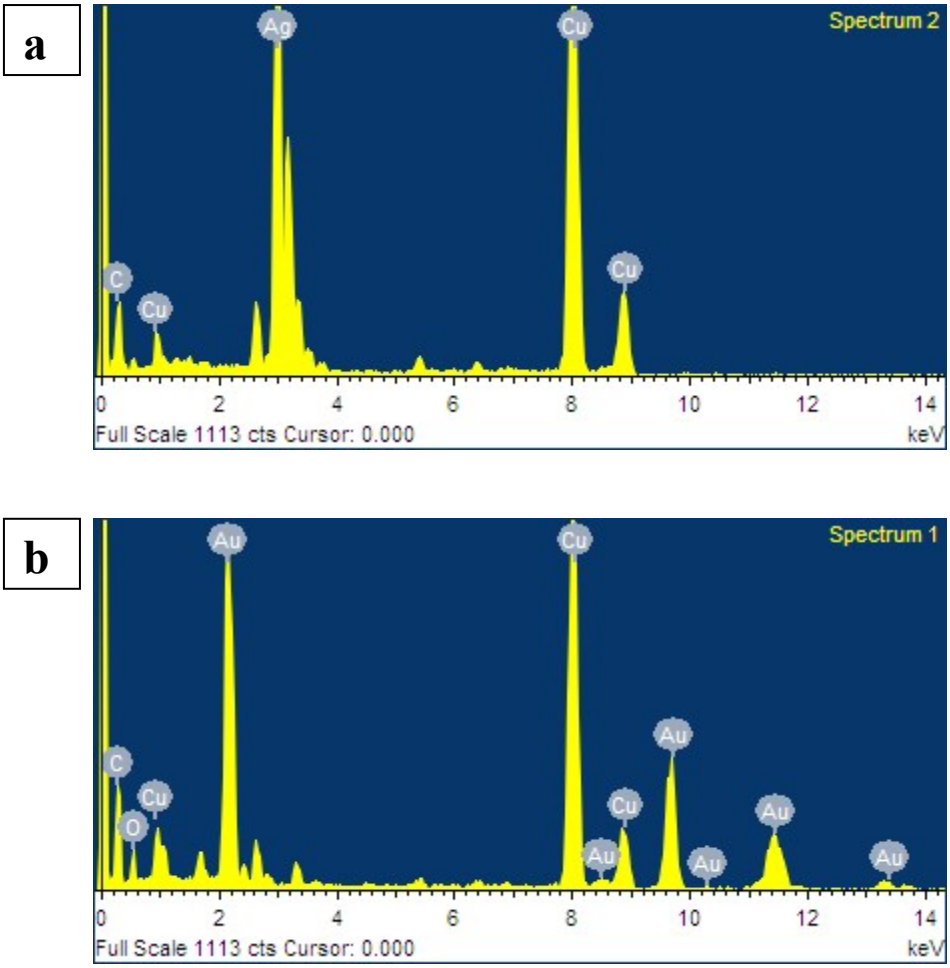
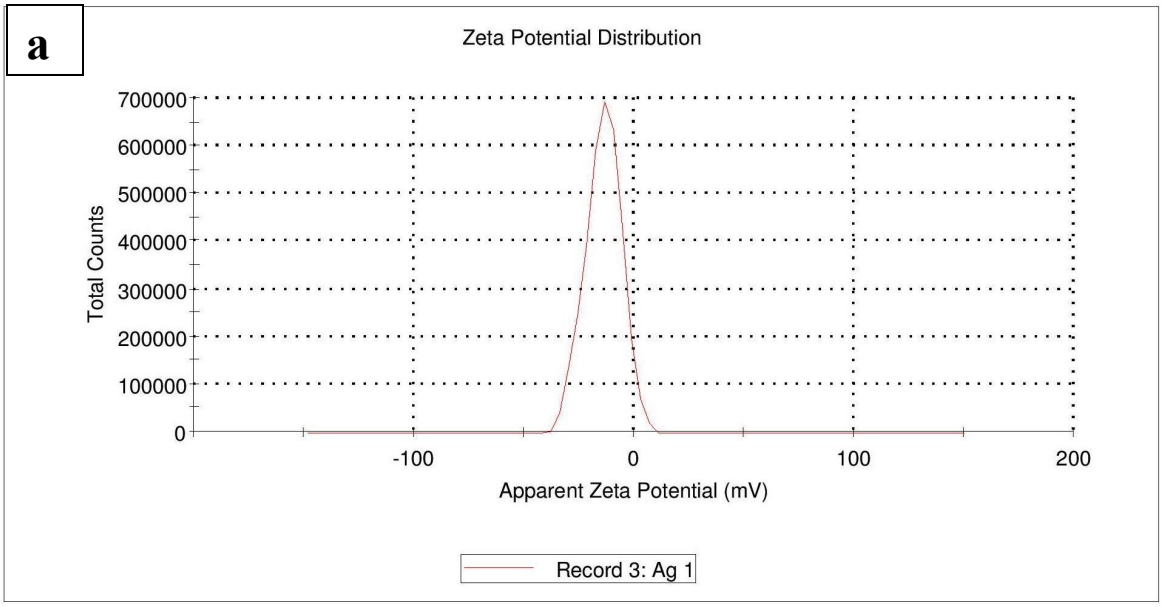


Fig. S3 EDAX analysis shows strong singnal for metals (a) Ag and (b) Au respectively indicates the purity and stability of synthesized NPs

Fig. S4



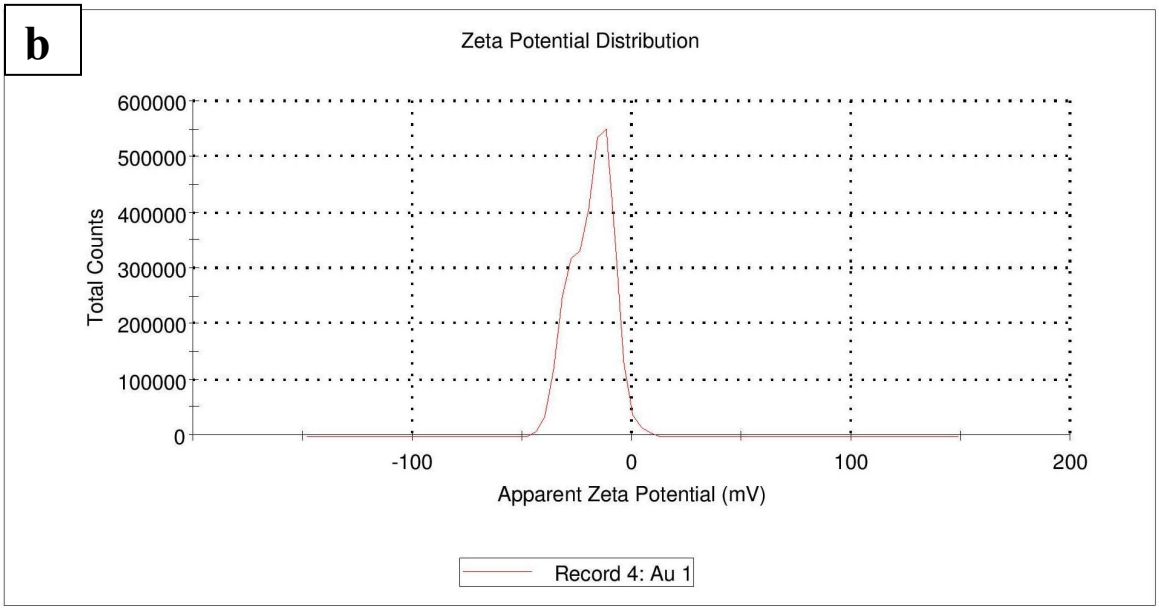


Fig. S4 Zeta potential analysis displays negative value for both (a) ChR-AgNPs and (b) ChR-AuNPs