



Figure 1 Flow chart of the protocols for ANSM AuNP synthesis in yeast cells

* For **Scheme 2 (a,b,c)** the cell wall of yeast cells were pre-digested by zymolyase-20T (See Methods online).

** **Scheme 1** was adapted from the “Cold MeOH” protocol for *E. coli*, so it is fully applicable for *E. coli*.

*** Only **Scheme 3b** had been adapted for FSF-based gold-enhancing test; Other scheme(s) could be adapted for the optional FSF-based gold-enhancing procedures as well.