

## Supporting Information

For

### **Rapid and Specific Cell-Surface Anchoring of Gold Nanostars for Photoacoustic BMSCs Imaging**

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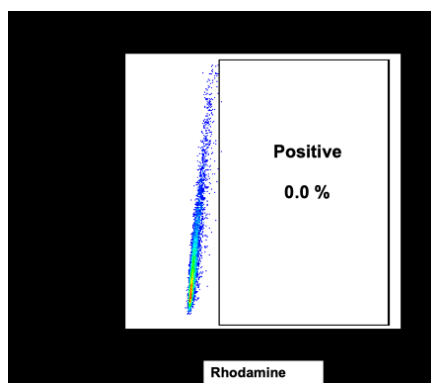
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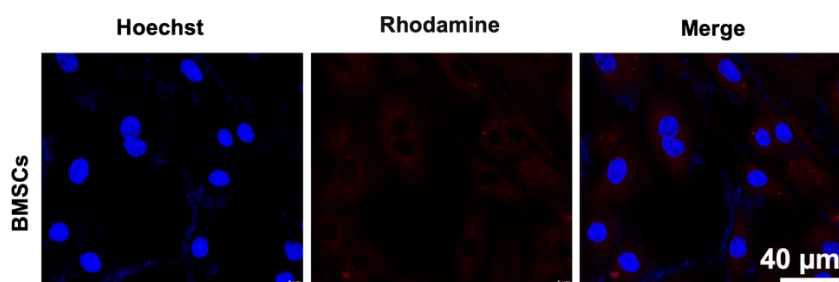
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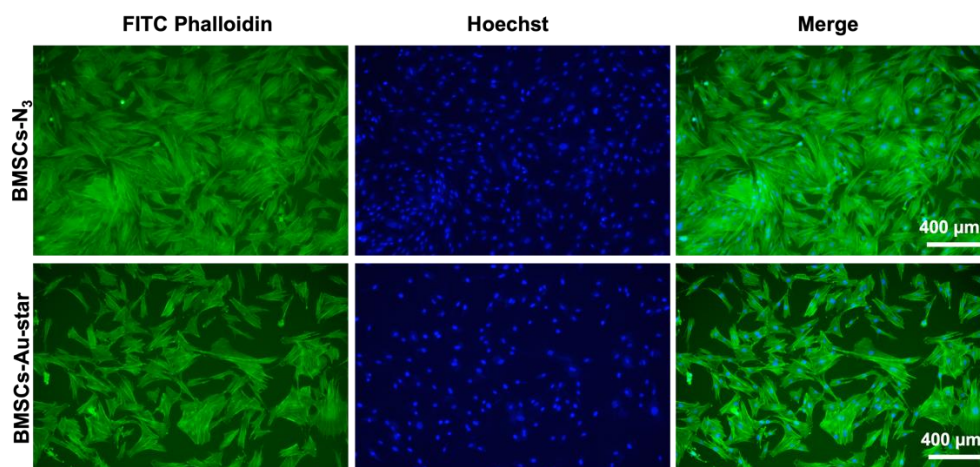
## 2. Results



**Figure S1** Flow cytometric analysis of Au-Star-DBCO binding to BMSCs via bioorthogonal conjugation.



**Figure S2** Fluorescent image of BMSCs staining with Hoechst.



**Figure S3** Fluorescent image of BMSCs-Au-star staining with Hoechst and FITC Phalloidin.



**Figure S4** The colors of Au-Star-DBCO at different concentrations