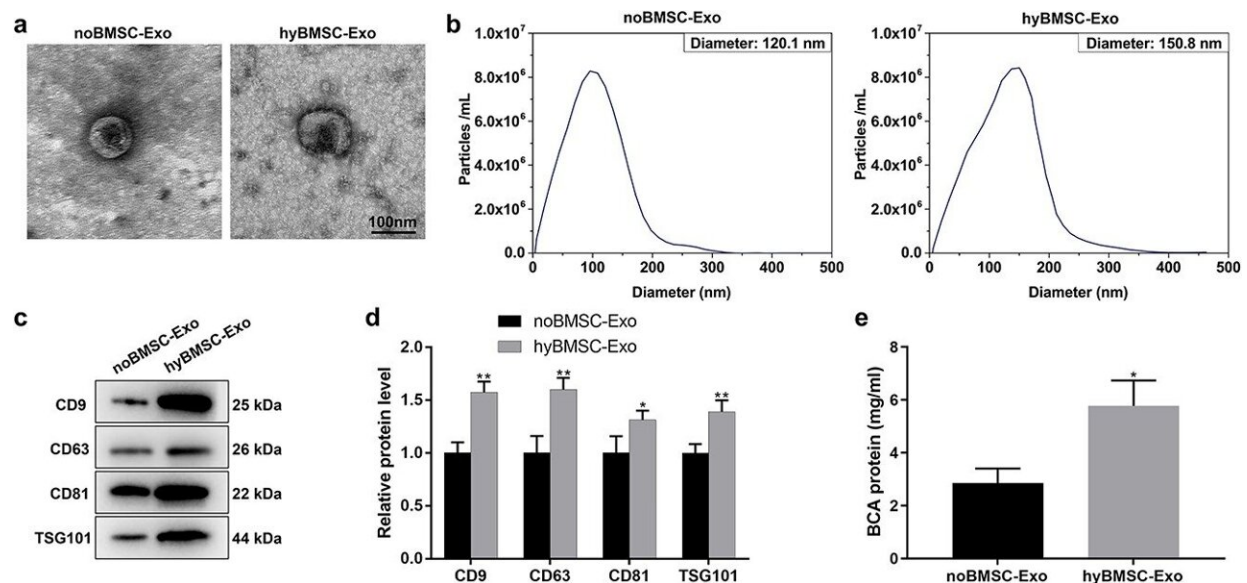


# Researchers pioneer novel stem cell therapy for diabetic wound healing

February 20 2024



Hypoxia facilitates exosome production and release from BMSCs. (a) Transmission electron microscopy (TEM) revealed the morphology of noBMSC-Exos and hyBMSC-Exos (scale bar: 100 nm). (b) The size distribution of noBMSC-Exos and hyBMSC-Exos was examined using nanoparticle tracking analysis (NTA). (c and d) Western blotting analysis for exosome surface marker proteins, including CD9, CD63, CD81 and TSG101. The independent samples t-test was used to test for significant difference between two sample means. (e) A BCA assay was used to determine exosome protein concentration in the two groups. The data are presented as mean  $\pm$  SD (n = 3). \*p

Citation: Researchers pioneer novel stem cell therapy for diabetic wound healing (2024, February 20) retrieved 11 May 2024 from <https://medicalxpress.com/news/2024-02-stem-cell->

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