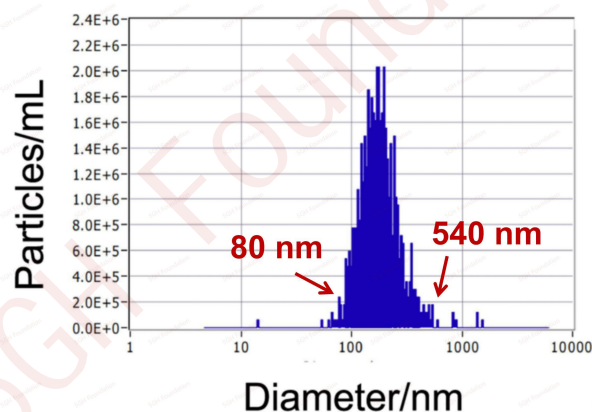


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The authors claim that "TEM and NTA exhibited that hUCMSC-Exos were bilayer vesicle structures with a diameter of 80–200 nanometers (Figure 1A and B)". However, according to the Figure 1B, the diameter ranges from 80 nm to 540 nm (marked with red arrows).

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TEM and NTA exhibited that hUCMSC-Exos were bilayer vesicle structures with a diameter of 80–200 nanometers (Figure 1A and B). Western blotting confirmed the high expression of CD63, CD9, and HSP70 in hUCMSC-Exos (Figure 1C). Following the tail vein injection of Dil-labeled hUMSC-Exos, in vivo tracking revealed a high accumulation of hUMSC-Exos in the thoracic and abdominal regions as well as in both ovaries of the rats (Figure 1D). Further immunofluorescence staining of the TICs marker Cyp17a1 indicated significant overlap between Dil-labeled exosomes and Cyp17a1 in rat ovarian tissue, particularly within the TICs (Figure 1E and F). These findings indicated that hUCMSC-Exos have ovarian tropism in vivo and can be taken up by TICs.



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