## Supplementary materials

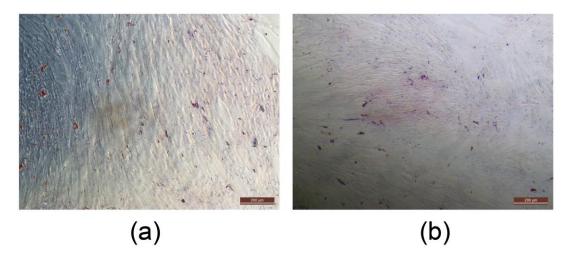


Figure S1. The MSCs vitrified with DMSO (a) and EG (b) were cultured in DMEM medium supplemented with 10% FBS for 7 days without differentiation induction as negative controls. No adipogenic differentiation was observed evaluated with oil red staining.