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● *Corrigendum*

CORRIGENDUM TO “NON-LINEAR RESPONSE AND VISCOELASTIC PROPERTIES OF LIPID-COATED MICROBUBBLES: DSPC VERSUS DPPC” (ULTRASOUND MED BIOL 2015;41:1432–1445)

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The authors regret that there was a mistake in reporting the mol% of the microbubble coating composition used. For all experiments, the unit in mg/mL was used and the conversion mistake occurred only when converting to mol% to define the ratio between the coating formulation components. The correct molecular weight of PEG-40 stearate is 2046.54 g/mol (Shen et al. 2008; Kilic and Bolukcu 2018), not 328.53 g/mol. On page 1433, the sentence should read “The lipid coating was composed of 84.8 mol% DSPC (P6517, Sigma-Aldrich, Zwijndrecht, Netherlands) or DPPC (850355, Avanti Polar Lipids, Alabaster, AL, USA); 8.2 mol% polyoxyethylene-40-stearate (PEG40 stearate, P3440, Sigma-Aldrich); 5.9 mol% 1,2-distearoyl-*sn*-glycero-3-phosphoethanolamine-*N*-[carboxy(polyethylene glycol)2000] (DSPE-PEG2000, 880125, Avanti Polar Lipids); and 1.1 mol% 1,2-distearoyl-*sn*-glycero-3-phosphoethanolamine-*N*-[biotinyl(polyethylene glycol)-2000] (DSPE-PEG2000-biotin) (880129, Avanti Polar Lipids).” This correction does not change the conclusions published in this work.

The authors apologize for any inconvenience caused.

REFERENCES

Kilic S, Bolukcu ES. Phase behavior of DSPC/PEG₄₀ St mixtures at higher emulsifier contents. *Colloids Surf B Biointerfaces* 2018;171: 368–376.

Shen Y, Longo ML, Powell RL. Stability and rheological behavior of concentrated monodisperse food emulsifier coated microbubble suspensions. *J Colloid Interface Sci* 2008;327:204–210.