

Supplementary Material

Cerium oxide nanoparticles (CeO₂ NPs) improve the developmental competence of *in vitro*-matured prepubertal ovine oocytes

F. Ariu^{A,C}, L. Bogliolo^A, A. Pinna^B, L. Malfatti^B, P. Innocenzi^B, L. Falchi^A, D. Bebbere^A and S. Ledda^A

^ADipartimento di Medicina Veterinaria, Università di Sassari, Via Vienna 2, 07100 Sassari, Italy.

^BLaboratorio di Scienza dei Materiali e Nanotecnologie, Università di Sassari, e CR-INSTM, Palazzo del Pou Salid, Piazza Duomo 6, 07041 Alghero (Sassari), Italy.

^CCorresponding author. Email: federica@uniss.it

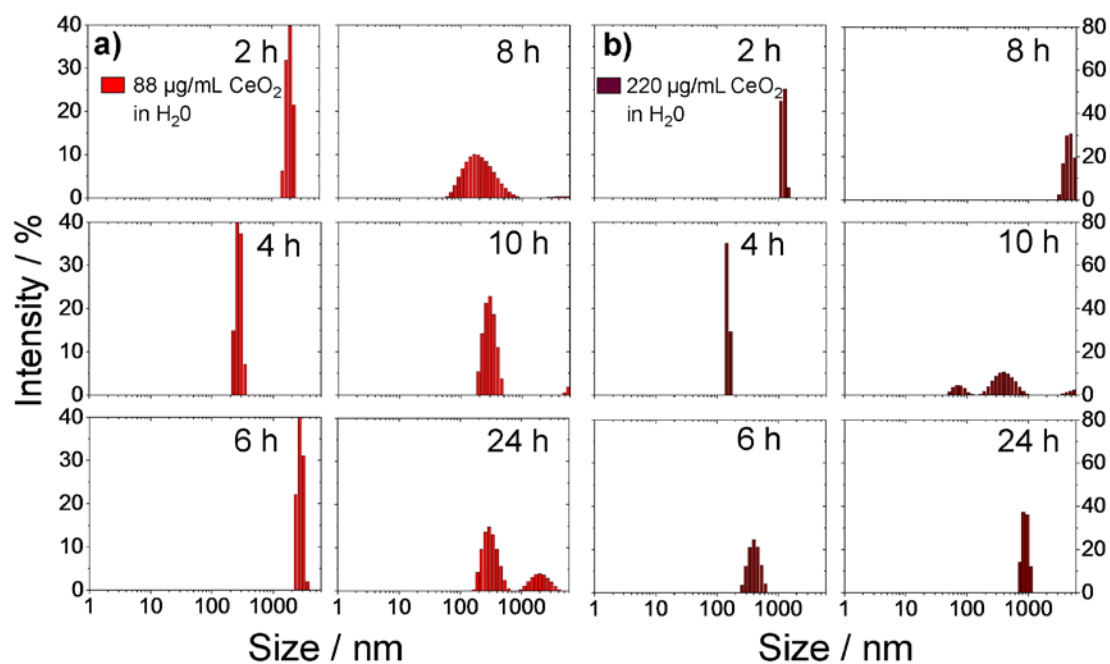


Fig. S1. Ceria NPs size distribution in water at two different concentrations (88 and 220 µg/mL) measured by DLS at increasing incubation times (a and b respectively).

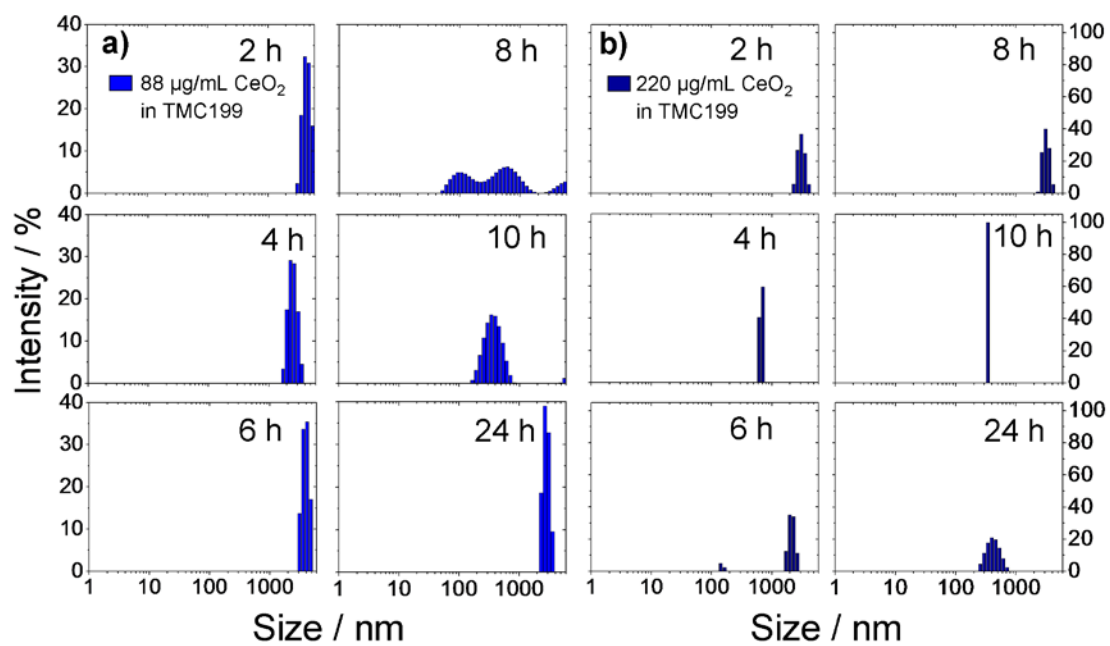


Fig. S2. Ceria NPs size distribution in TCM 199 at two different concentrations (88 and 220 µg/mL) measured by DLS at increasing incubation times (a and b respectively).