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| Effect of iCORM-2 on porcine oocytes during *in vitro* aging (mean±SEM) |
|   | DMSO | iCORM-2 (100 µM) | DMSO | iCORM-2 (100 µM) | DMSO | iCORM-2 (100 µM) |
|   | 24 Hrs | 24 Hrs | 48 Hrs | 48 Hrs | 72 Hrs | 72 Hrs |
| MII | 95,10±1,38A | 94,01±1,54A | 69,51±5,59A | 67,09±1,64A | 18,18±4,23A | 17,46±1,74A |
| A | 1,10±1,45A | 1,74±0,65A | 20,46±3,96A | 21,45±1,28A | 63,64±3,74A | 60,44±2,73A |
| L | 1,86±1,60A | 2,11±0,75A | 1,19±1,02A | 1,12±0,52A | 1,65±1,57A | 1,84±0,96A |
| PA | 1,94±1,33A | 2,14±0,61A | 8,84±2,10A | 10,35±1,01A | 16,53±5,62A | 20,26±2,13A |
| Effect of iCORM-A1 on porcine oocytes during *in vitro* aging (mean±SEM) |
|   | Dest. H2O | iCORM-A1 (100 µM) | Dest. H2O | iCORM-A1 (100 µM) | Dest. H2O | iCORM-A1 (100 µM) |
|   | 24 Hrs | 24 Hrs | 48 Hrs | 48 Hrs | 72 Hrs | 72 Hrs |
| MII | 92,49±2,11A | 93,52±3,34A | 62,08±6,86A | 59,75±3,64A | 26,05±3,56A | 28,83±3,70A |
| A | 2,44±1,66A | 4,63±2,45A | 27,67±5,89A | 30,00±4,31A | 57,94±3,53A | 59,46±3,59A |
| L | 2,44±1,62A | 1,85±1,85A | 5,07±2,74A | 4,58±1,98A | 4,29±2,14A | 1,86±1,21A |
| PA | 2,63±1,74A | 0,00±0,00A | 5,19±2,73A | 5,67±2,67A | 11,73±2,91A | 9,85±3,40A |

The effect of inactive CORM-2 (iCORM-2) or inactive CORM-A1 (iCORM-A1) on porcine oocytes during *in vitro* aging. Oocytes were cultivated to metaphase II and then exposed to *in vitro* aging in a modified M199 medium supplemented with iCORM-2 (100 μM) or iCORM-A1 (100 μM) for 24, 48 or 72 hours. Control groups of oocytes were cultivated in modified M199 medium containing DMSO (in the case of iCORM-2) or distilled H2O (in the case of iCORM-A1). DMSO or distilled H2O were added in an equivalent volume as iCORM-2 or iCORM-A1 A Significant differences in the ratio of oocytes between control and iCORM groups during 24, 48 or 72 hours separately are indicated with different superscripts (P<0.05). *MII - metaphase II (intact) oocytes; A - apoptotic oocytes; L - lytic oocytes; PA - parthenogenetically activated oocytes.*