

## SUPPLEMENTARY TABLES

**Table S1.** Pre- and post-culture cell viability of PBMC and PMN treated (100 ng/mL roIFNT) or untreated (Control) with recombinant ovine interferon- $\tau$  (roIFNT).

| PBMC Culture |                 |                           |                           |
|--------------|-----------------|---------------------------|---------------------------|
| Sample       | Treatment Group | Viability Pre-Culture (%) | Viability Pos-Culture (%) |
| 2956         | Control         | 91                        | 90                        |
|              | IFNT            |                           | 94                        |
| 4162         | Control         | 94                        | 90                        |
|              | IFNT            |                           | 92                        |
| 4853         | Control         | 98                        | 92                        |
|              | IFNT            |                           | 87                        |
| 5823         | Control         | 96                        | 89                        |
|              | IFNT            |                           | 86                        |
| 6016         | Control         | 97                        | 87                        |
|              | IFNT            |                           | 93                        |
| 6058         | Control         | 93                        | 97                        |
|              | IFNT            |                           | 90                        |
| 6134         | Control         | 97                        | 87                        |
|              | IFNT            |                           | 88                        |
| 6409         | Control         | 98                        | 87                        |
|              | IFNT            |                           | 84                        |
| 6652         | Control         | 97                        | 86                        |
|              | IFNT            |                           | 91                        |
| PMN Culture  |                 |                           |                           |
| 1417         | Control         | 99                        | 90                        |
|              | IFNT            |                           | 74                        |
| 1784         | Control         | 89                        | 90                        |
|              | IFNT            |                           | 88                        |
| 2956         | Control         | 95                        | 97                        |
|              | IFNT            |                           | 88                        |
| 4294         | Control         | 92                        | 76                        |
|              | IFNT            |                           | 74                        |
| 4340         | Control         | 97                        | 93                        |
|              | IFNT            |                           | 92                        |
| 4135         | Control         | 97                        | 82                        |
|              | IFNT            |                           | 95                        |
| 6253         | Control         | 96                        | 85                        |
|              | IFNT            |                           | 93                        |

|      |         |    |    |
|------|---------|----|----|
| 1784 | Control | 96 | 92 |
|      | IFNT    |    | 94 |
| 3500 | Control | 98 | 93 |
|      | IFNT    |    | 94 |
| 6504 | Control | 92 | 81 |
|      | IFNT    |    | 86 |
| 6221 | Control | 95 | 88 |
|      | IFNT    |    | 92 |
| 6016 | Control | 96 | 84 |
|      | IFNT    |    | 97 |

**Table S2.** Pre- and post-culture cell viability of PBMC and PMN cultured in UF from Day 18 of pregnant cows (UF-Conceptus) or UF from non-pregnant cows (UF-Control).

| PBMC Culture |                 |                           |                           |
|--------------|-----------------|---------------------------|---------------------------|
| Sample       | Treatment Group | Viability Pre-Culture (%) | Viability Pos-Culture (%) |
| 1524         | UF-Control      | 94                        | 85                        |
|              | UF-Conceptus    | 97                        | 88                        |
| 1833         | UF-Control      | 97                        | 80                        |
|              | UF-Conceptus    | 96                        | 83                        |
| 4162         | UF-Control      | 97                        | 81                        |
|              | UF-Conceptus    | 97                        | 75                        |
| 5480         | UF-Control      | 96                        | 68                        |
|              | UF-Conceptus    | 95                        | 84                        |
| 5823         | UF-Control      | 98                        | 77                        |
|              | UF-Conceptus    | 97                        | 83                        |
| 5858         | UF-Control      | 96                        | 91                        |
|              | UF-Conceptus    | 99                        | 96                        |
| 6058         | UF-Control      | 96                        | 77                        |
|              | UF-Conceptus    | 97                        | 91                        |
| 6134         | UF-Control      | 94                        | 84                        |
|              | UF-Conceptus    | 95                        | 81                        |
| 6253         | UF-Control      | 97                        | 88                        |
|              | UF-Conceptus    | 98                        | 92                        |
| 6504         | UF-Control      | 98                        | 91                        |
|              | UF-Conceptus    | 97                        | 83                        |
| PMN Culture  |                 |                           |                           |
| 4294         | UF-Control      | 96                        | 96                        |
|              | UF-Conceptus    | 100                       | 93                        |

|      |              |     |     |
|------|--------------|-----|-----|
| 4340 | UF-Control   | 92  | 93  |
|      | UF-Conceptus | 95  | 97  |
| 6409 | UF-Control   | 99  | 96  |
|      | UF-Conceptus | 98  | 97  |
| 1784 | UF-Control   | 100 | 94  |
|      | UF-Conceptus | 95  | 94  |
| 6003 | UF-Control   | 100 | 98  |
|      | UF-Conceptus | 97  | 98  |
| 6058 | UF-Control   | 94  | 100 |
|      | UF-Conceptus | 100 | 96  |
| 1784 | UF-Control   | 95  | 100 |
|      | UF-Conceptus | 96  | 95  |
| 6003 | UF-Control   | 97  | 100 |
|      | UF-Conceptus | 99  | 93  |