

Supplementary Table SII Matrix metalloprotein (MMP) secretion in response to vehicle (V), 10 nM estradiol (E₂) and 10 nM E₂ + 1 μM progesterone (E₂P₄) treatment in different study groups at day 14.

pg/10 ⁵ cells	Group	V	E ₂	E ₂ P ₄
MMP1	Ctrl	9126 ± 5418	1700 ± 796	3019 ± 1792
	dPCOS	9676 ± 4306	4165 ± 2082	8341 ± 4506
	ndPCOS	19 572 ± 10 398	29 998 ± 28277	127 27 ± 9367
MMP2	Ctrl	4471 ± 276 ^{d,e}	4735 ± 182 ^e	7521 ± 251 ^{b,c,e}
	dPCOS	4803 ± 221	6365 ± 340 ^a	7588 ± 527 ^b
	ndPCOS	8459 ± 220	6650 ± 102 ^a	10 145 ± 325 ^{b,c}
MMP3	Ctrl	191 621 ± 36 465 ^e	130 130 ± 25 438 ^{d,e}	109 504 ± 34 949 ^{b,d,e}
	dPCOS	231 897 ± 8091	145 780 ± 35 605	103 724 ± 22 692
	ndPCOS	356 735 ± 53 518	289 786 ± 37 860	287 454 ± 49 819
MMP7	Ctrl	N/A	N/A	N/A
	dPCOS	166.83 ± 103.20	N/A	N/A
	ndPCOS	431.58 ± 187.41	482.85 ± 163.05	298.04 ± 177.69
MMP10	Ctrl	3849 ± 2160	2062 ± 769	5533 ± 1852
	dPCOS	3485 ± 2049	3312 ± 1293	2818 ± 1009
	ndPCOS	9398 ± 6244	8948 ± 2573	4619 ± 1514
MMP12	Ctrl	1140 ± 723	174 ± 107	516 ± 314
	dPCOS	851 ± 103	237 ± 70	487 ± 139
	ndPCOS	2781 ± 1636	718 ± 170	1357 ± 521

D Ctrl, eSF from controls; dPCOS eSF from women with PCOS (8/12), that exhibit decidualization; ndPCOS, eSF from women with PCOS (4/12), that did not decidualize.

^aV versus E₂.

^bV versus E₂P₄.

^cE₂ versus E₂P₄.

^dCtrl versus dPCOS.

^eCtrl versus ndPCOS.

^fdPCOS versus ndPCOS.

MMP9, MMP13 not detected.