Supplementary Table 1. Change in immune mediators in response to *C. Albicans* in APS-1 patients and controls.

The table gives the changes in levels of immune mediators in patients and controls after stimulation of full blood with *Candida albicans*. The table gives the median (and ranges) of the change in mediator levels. The Mann Whitney U test was used for the statistical comparison. Significant differences are marked bold. Lower limit of quantification gives the lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory`s requirements for accuracy. MRBM`s requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard sample is 30%. All mediator concentrations are given in pg/ml. Nd; not detectable.

Mediator	Lower limit of quantitation	APS-1	Controls	P value
INTERLEUKINS				
IL1A	3.9	30 (10-130)	100 (0.00-410)	0.2324
IL1B	2.9	1139 (472.10-3604)	3030 (114.90-10050)	**0.0129**
IL2	8.9	156 (0.00-3218)	175.1 (88.1-827.10)	0.9429
IL3	16	Nd	Nd	-
IL4	28	52 (0.00-76.00)	76 (0.00-106)	0.1627
IL5	10	Nd	Nd	-
IL6	7.2	10796 (389.20-62234)	24293 (361.8-96285)	0.1627
IL7	12	130 (-43-374)	0.0 (0.00-18)	**0.0003**
IL10	5.1	44.20 (0.8-275.2)	245.9 (1.8-1195)	**0.0154**
IL12p70	43	Nd	Nd	-
IL12p40	330	140 (0.00-870)	590 (0.00-1270)	**0.0101**
IL15	720	Nd	Nd	-
IL17	3.3	8.7 (0.0-153.7)	22.7 (4.6-76.7)	0.1224
IL18	19	95 (-21-167)	223 (29-454)	**0.0005**
IL22	-	67.95 (-226.5-315.0)	220.7 (-168.8-1287)	0.1688
IL23	1400	0.00	0.00 (0-800)	**0.0411**
GROWTH FACTORS				
BDGF	56	0.00 (-2700-3900)	530 (-5200-6500)	0.4156
CSF2	71	347 (0-1439)	1049 (0-4969)	**0.0128**
VEGFA	47	20.9 (-46.3-120.5)	308.8 (65-400)	**<0.001**
CHEMOKINES				
CCL2	24	63577 (1784-204535)	62690 (1058-207566)	0.8646
CCL3	15	53464 (3056-162976)	98769 (2240-225965)	0.2284
CCL4	37	177577 (7799-418540)	263443 (5561-441411)	0.2066
CCL5	52	-100 (-8000-17300)	2700 (-14000-28000)	0.1543
CCL11	71	-44.0 (-210-9)	-21 (-90-29)	0.4678
CXCL8	2.6	495742 (11776-951722)	677380 (25072-1329000)	0.2518
IMMUNOMODULATORY CYTOKINES				
INFG	2.3	86.40 (1.2-370)	388.7 (10.7-4108)	**0.0005**
LTA	27	46 (0-74)	110 (0-164)	**0.0003**
TNF	18	3982 (1142-13682)	14982 (1042-26082)	**0.0088**
ADHESION MOLECULES				
ICAM1	4000	0.00 (-33000-18000)	0.0 (-5000-11000)	0.5778
VCAM1	2500	-18000 (-116000-50000)	12000 (-44000-52000)	0.3836
MATRIX METALLOPROTEASES				
MMP3	51	300 (-3000-900)	200 (-1000-1100)	0.6999
MMP9	107 000	59000 (0-154000)	26000 (0-69000)	0.0660

COAGULATION FACTORS				
C3	$2.5x10^6$	0.00 ($-1.4x10^8$-$1.5x10^8$)	$6x10^7$ ($-8x10^7$-$1.7x10^8$)	**0.0486**
F7	28000	-20000 (-129000-23000)	-8000 (-37000-19000)	0.3837
FGA	$1.1x10^7$	0.0 ($-3x10^8$-$3x10^8$)	$1x10^8$ ($-1x10^8$-$5x10^8$)	0.0325
VWF	$2.5x10^7$	0.0 ($-6x10^6$-$1.2x10^7$)	0.0 ($-1.3x10^7$-$1.1x10^7$)	0.5491
SERUM PROTEINS				
B2M	5000	0.0 (-330000-510000)	80000 (-70000-240000)	0.4667
FTL	860	1000 (-2700-27000)	13000 (-1000-37000)	0.6800
HP	$5.3x10^6$	$4x10^7$ ($-1.8x10^8$-$7.1x10^8$)	0.0 ($-1.6x10^9$-$0.8x10^9$)	**0.0083**
TRADITIONAL MARKERS				
CRP	48000	-60000 ($-4x10^6$-(-10000))	0.0 ($-1.6x10^6$-800000)	**0.0083**
OTHERS				
GC	$1.6x10^6$	$-1.4x10^7$ ($-7.1x10^7$-$8x10^6$)	$1x10^6$ ($-5x10^7$-$1.8x10^7$)	**0.0191**
SERPINA1	$2.6x10^7$	$-0.1x10^9$ ($-3.5x10^8$-$1x10^7$)	$7x10^7$ ($-2.4x10^8$-$1.6x10^8$)	**0.0487**
IL1RN	302	1918 (0-3167)	2073 (381-3448)	0.4937
KITL	136	93 (56-408)	226 (26-366)	0.0605
TIMP1	640	15000 (-6000-95000)	21000 (-12000-37000)	0.9886
TNFRSF1B	420	4400 (0-11100)	6000 (500-9900)	0.1151