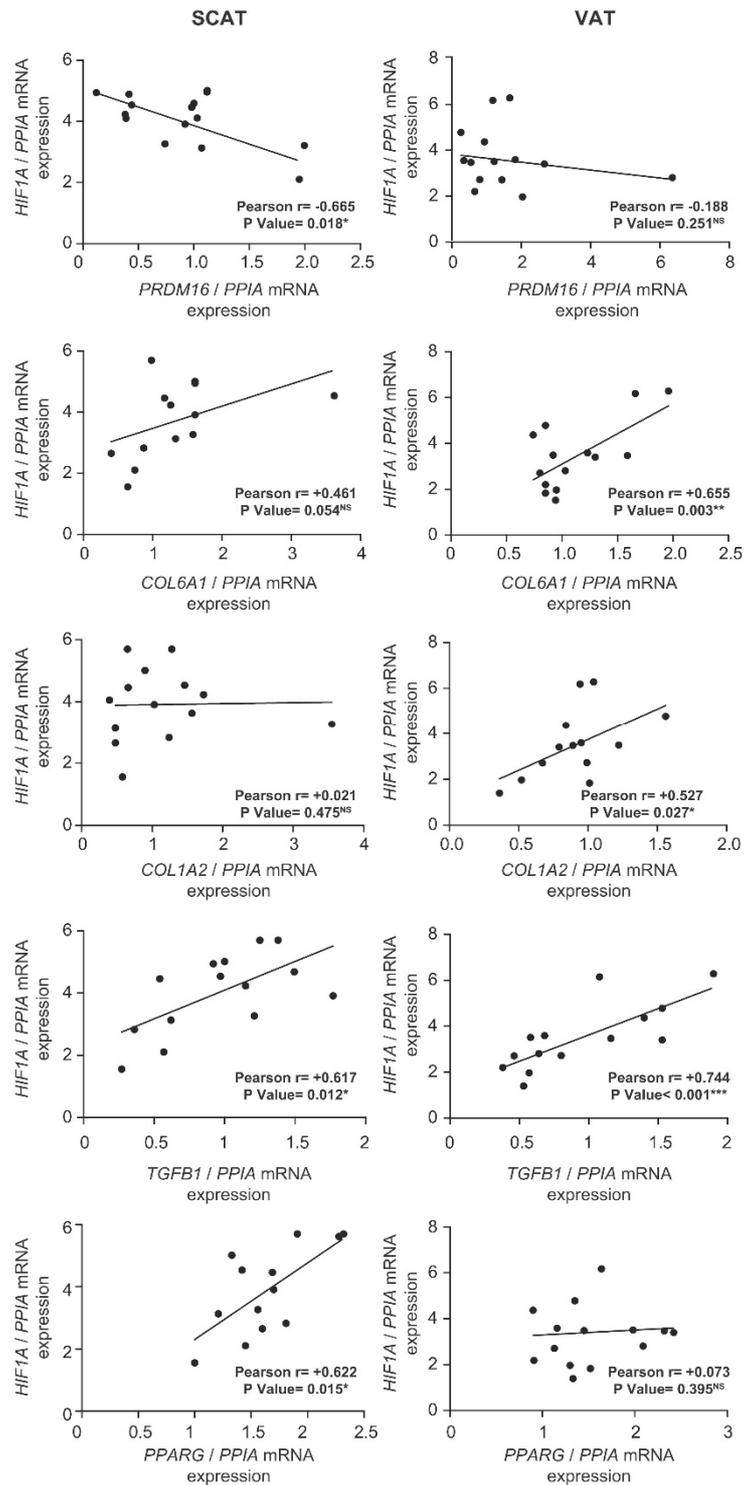


Supplementary Figure S1: Differentiation protocol and treatment of ASCs.



Supplementary Figure S2: Scatters plots of the correlation between the mRNA levels of *HIF1A* and *PRDM16*, *COL6A1*, *COL1A2*, *TGFB1* and *PPARG* in SCAT (left panel) and VAT (right panel). Correlations were determined using PCR data obtained using SCAT and VAT from 6 control uninfected and untreated macaques (Ctrl) and 8 SIV-infected and ART-treated macaques (SIVART).

Supplementary Table S1. Sequences of oligonucleotides used for PCR on macaque AT samples.

Gene	forward primer	reverse primer
<i>PPARG</i>	cagtgggatgtctcataa	ctttggcactactctgtgat
<i>COL1A2</i>	ctggagaggctggactgct	agcaccaagaagaccctgag
<i>COL6A1</i>	gaagagaaggccccgttg	cggtagcctttaggtccgata
<i>TGFB1</i>	actactgcttcagctccacg	agaagtggcatgtagccc
<i>FNI</i>	ctggccgaaaatacattgtaaa	ccacagtgggtcaggag
<i>HIF1A</i>	tttcaagcagtaggaatt	gtgatgtagtagctcatg
<i>PRDM16</i>	tggtgcttctggactca	atattattacaacgtcaccgtcact
<i>TMEM26</i>	ttgcacatgagaccagt	tgctggtattctgtgatgtcc
<i>PPIA</i>	atgctggaccaacacaaat	tctttgactttgcaaacacc

Supplementary Table S2. Sequences of oligonucleotides used for PCR on human Adipocyte-derived ASCs.

Gene	forward primer	reverse primer
<i>PPARG</i>	cagtgggatgtctcataa	ctttggcactactctgtgat
<i>SREBF1c</i>	ggagggtagggccaacggcct	catgtcttcgaaagtcaatcc
<i>FABP4</i>	gctttgccaccaggaaagtg	atgacgcgattccaccaccag
<i>FASN</i>	caggcacacacgatggac	cggagtgaatctgggttgat
<i>SCD1</i>	cctagaagctgagaaactgggta	acatcatcagcaagccaggt
<i>TMEM26</i>	ttgcacatgagaccagt	tgctggtattctgtgatgtcc
<i>CD137</i>	agctgttacaacatagtaggccac	tctgcaatgatctgtcctct
<i>PRDM16</i>	tggtgcttctggactca	atattattacaacgtcaccgtcact
<i>CITED1</i>	gagatggaaccatccgcaca	tcccagggaactagtggggag
<i>FGF21</i>	gccttgaagccgggaagtatt	gtggagcgatccatacaggg
<i>UCP1</i>	ctggacacggccaaagtc	ggacacctttatacctaataacactgg
<i>COL1A1</i>	gggattccctggacctaag	ggaacacctcgctctcca
<i>TGFB1</i>	gagcctgaggccgactacta	gggttcaggtaccgctctc
<i>COL1A2</i>	ctggagaggctggactgct	agcaccaagaagaccctgag
<i>COL6A1</i>	gaagagaaggccccgttg	cggtagcctttaggtccgata
<i>ACTA2</i>	cctatccccgggactaagac	aggcagtgctgctctctct
<i>DDR1</i>	aacaattcctctccggcactg	catgagggcaatgatgagcag
<i>HIF1A</i>	tttcaagcagtaggaatt	gtgatgtagtagctcatg
<i>LOX</i>	gggaatggcacagttgtca	acttgctttgtggccttcag
<i>PPIA</i>	atgctggaccaacacaaat	tctttgactttgcaaacacc

Supplementary Table S3. Summary comparing the impact of SIV-infection, ART-treatment alone and the combined effect of SIV infection and ART (SIVART) in SCAT and VAT from macaque studies. Adapted from the present study, and from results of our previous studies [3, 15].

	TASC			TAV		
	SIV	ART	SIVART	SIV	ART	SIVART
<i>PPARG</i> Expression	↓↓	↑↑↑	↑	↓	↑↑	↑
Fibrosis index	↑↑↑	↑↑↑	↑↑	↑↑	↑↑	↑↑
<i>COL1A2</i> Expression	↑↑↑	↑↑	↑↑	↑↑	=	↑
<i>COL6A1</i> Expression	↑↑	↑↑	↑↑	↑	=	↑