

## Supplementary Materials for

### Targeting thrombogenicity and inflammation in chronic HIV infection

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#### This PDF file includes:

Table S1. Thrombus size [median (IQR)  $\mu\text{m}^2/\text{mm}$ ] of PWH versus seronegative controls: Subgroup analyses.

Table S2. Coagulation parameters [median (IQR)] of PWH versus seronegative controls: Gender analyses.

Table S3. Correlation of high-shear thrombus with parameters of inflammation and thrombosis in PWH versus seronegative controls.

**Table S1. Thrombus size [median (IQR)  $\mu\text{m}^2/\text{mm}$ ] of PWH versus seronegative controls: Subgroup analyses.**

	Seronegative Controls	Participants with HIV	P value
<u>All patients:</u> n	14	15	
Low-shear thrombus size	5237 (1929)	6349 (1547)	<b>0.006</b>
High-shear thrombus size	7421 (3513)	9255 (3192)	<b>0.013</b>
<u>Excluding current smokers:</u> n	12	11	
Low-shear thrombus size	5009 (1717)	6349 (1279)	<b>0.001</b>
High-shear thrombus size	7374 (3362)	9885 (4319)	<b>0.002</b>
<u>Excluding current and past smokers:</u> n	11	7	
Low-shear thrombus size	5200 (1579)	6819 (1326)	<b>0.001</b>
High-shear thrombus size	7421 (2755)	9885 (5205)	<b>0.011</b>
<u>Excluding patients on abacavir:</u> n	14	13	
Low-shear thrombus size	5237 (1929)	6743 (1437)	<b>0.003</b>
High-shear thrombus size	7421 (3513)	9630 (3791)	<b>0.008</b>

**Table S2. Coagulation parameters [median (IQR)] of PWH versus seronegative controls: Gender analyses.**

	Seronegative Controls	Participants with HIV	Difference	P value
<u>All patients: n</u>	14	15		
Coagulation time (CT), sec	168.5 (20)	161.0 (17)	↓4.5%	0.257
Clot Formation Time (CFT), sec	66.0 (24)	63.0 (35)	↓4.5%	0.328
Max. Clot Firmness (MCF), mm	61.5 (6)	62 (10)	↑0.8%	0.780
<u>Females: n</u>	7	7		
Coagulation time (CT), sec	171.0 (23)	153.0 (32)	↓10.5%	0.450
Clot Formation Time (CFT), sec	63.0 (11)	50.0 (19)	↓20.6%	0.076
Max. Clot Firmness (MCF), mm	64.0 (4)	67 (6)	↑4.7%	0.292
<u>Males: n</u>	7	8		
Coagulation time (CT), sec	164 (21)	161.5 (15)	↓1.5%	0.435
Clot Formation Time (CFT), sec	71.0 (48)	74.5 (31)	↑4.9%	0.745
Max. Clot Firmness (MCF), mm	60.0 (7)	57.5 (6)	↑4.2%	0.829

**Table S3. Correlation of high-shear thrombus with parameters of inflammation and thrombosis in PWH versus seronegative controls.**

	Seronegative Controls		Participants with HIV	
	Pearson r	P value	Pearson r	P value
<u>High shear thrombus vs.</u>				
D-dimer	-0.222	0.465	0.672	<b>0.017</b>
sTNFR1	-0.328	0.274	0.746	<b>0.005</b>
sTNFR2	0.242	0.426	0.607	<b>0.037</b>
Classical monocytes	0.561	0.073	-0.707	<b>0.005</b>
Non-classical monocytes	-0.259	0.442	0.621	<b>0.031</b>
sCD14	0.298	0.347	0.230	0.472