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**Title:** Alteration of high-density lipoprotein protein composition with hemodialysis initiation

## **Supplemental Material**

Supplemental Table 1: Baseline participant characteristics of HFM study compared to HFM proteome study

Supplemental Table 2: Correlation between relative HDL protein abundance and ABCA1-mediated cholesterol efflux

**Supplemental Table 1: Baseline participant characteristics of HFM study compared to HFM proteome study**

	<sup>1</sup> HFM proteome n=253	HFM n=602
Age (years)	55.9 (12.9)	55.1 (13.4)
Race		
White	126 (49.8)	283 (47.0)
Black	106 (41.9)	264 (43.8)
Other	21 (8.30)	55 (9.1)
Male sex	169 (66.8)	423 (70.3)
Smoking		
Current	45 (17.8)	106 (17.6)
Former	89 (35.2)	222 (36.9)
Never	119 (47.0)	274 (45.5)
History of diabetes	150 (59.3)	353 (58.6)
Prevalent cardiovascular disease	114 (45.1)	290 (48.2)
Maintenance hemodialysis	143 (56.5)	383 (63.6)
<sup>2</sup> Dialysis duration (months)	4.6 (3.4)	4.3 (3.2)
BMI (kg/m <sup>2</sup> )	30.3 (7.7)	30.4 (7.5)
Systolic blood pressure (mmHg)	153.5 (23.3)	151.2 (23.8)
Statin use	133 (54.5)	336 (55.8)
Niacin use	3 (1.2)	10 (1.7)
Fibrate use	10 (4.1)	22 (3.6)
Insulin use	94 (38.5)	232 (38.5)
<sup>3</sup> Estimated GFR (mL/min/1.73m <sup>2</sup> )	12.8 (4.4)	13.7 (4.7)
Albumin (g/dL)	3.5 (0.6)	3.6 (0.6)
Hemoglobin (g/dL)	10.3 (1.6)	10.5 (1.7)

GFR=glomerular filtration rate

<sup>1</sup>Excludes HFM Study participants on hemodialysis for longer than one year, receiving peritoneal dialysis, or whose plasma samples had insufficient volume for HDL proteome analysis.

<sup>2</sup>Excludes participants on hemodialysis for longer than one year.

<sup>3</sup>Excludes participants on dialysis.

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HDL-protein <sup>1</sup>	Correlation coefficient <sup>2</sup>	p-value
SAA2	-0.06	0.62
SAA1	-0.14	0.21
HBB	-0.05	0.65
HPR	0.10	0.36
CETP	0.06	0.61
PLTP	0.05	0.68
APOE	0.03	0.77
SAA4	0.02	0.87

<sup>1</sup> Relative HDL protein abundance per 10µg total HDL particle  
<sup>2</sup> Participants with measured cholesterol efflux capacity (n=80)