Supplementary Appendix

Supplementary Table 1. The association of serum adiponectin levels with all-cause mortality, using baseline estimated GFR

		Hazard Ratio (95% Confidence Interval)			
	ADPN, median (range)	Unadjusted	Model 1[a]	Model 2[b]	Model 3[c]
Overall population					
Per natural log ADPN	10.1 (0.04-127.1)	**1.76 (1.41-2.20)**	**1.79 (1.43-2.26)**	**1.48 (1.17-1.87)**	**1.40 (1.08-1.81)**
ADPN Tertile					
1	5.0 (0.04-7.4)	1 [Reference]	1 [Reference]	1 [Reference]	1 [Reference]
2	10.1 (7.4-14.1)	1.19 (0.72-1.95)	1.13 (0.69-1.87)	1.03 (0.62-1.72)	1.02 (0.61-1.71)
3	22.0 (14.1-127.1)	**2.17 (1.39-3.38)**	**2.27 (1.43-3.60)**	**1.81 (1.12-2.93)**	**1.66 (1.00-2.77)**

Abbreviations: lnADPN, natural log-transformed adiponectin

[a]Model 1 adjusts for age and gender

[b]Model 2 adjusts for covariates in model 1 plus baseline estimated glomerular filtration rate, serum albumin, and log-transformed C-reactive protein

[c]Model 3 adjusts for covariates in model 2 plus Charlson Comorbidity Index, abdominal circumference, systolic blood pressure, time since kidney transplantation, and malnutrition-inflammation score

Supplementary Table 2. The association of serum adiponectin with the death with a functioning graft*

		Hazard Ratio (95% Confidence Interval)			
	ADPN, median (IQRrange)	Unadjusted	Model 1[a]	Model 2[b]	Model 3[c]
Overall population					
Per natural log ADPN	10.0 (0.04-127.1)	**1.77 (1.45-2.17)**	**1.78 (1.45-2.20)**	**1.49 (1.20-1.85)**	**1.24 (1.00-1.55)**
ADPN Tertile					
1	5.1 (0.04-7.37)	1 [Reference]	1 [Reference]	1 [Reference]	1 [Reference]
2	10.0 (7.4-14.1)	1.43 (0.93-2.19)	1.33 (0.86-2.04)	1.12 (0.72-1.75)	1.17 (0.75-1.82)
3	22.0 (14.1-127.1)	**2.19 (1.47-3.27)**	**2.20 (1.45-3.34)**	**1.72 (1.12-2.65)**	1.36 (0.86-2.14)

Abbreviations: lnADPN, natural log-transformed adiponectin

*Data available for N=850

[a]Model 1 adjusts for age and gender

[b]Model 2 adjusts for covariates in model 1 plus estimated glomerular filtration rate, serum albumin, and log-transformed C-reactive protein

[c]Model 3 adjusts for covariates in model 2 plus Charlson Comorbidity Index, abdominal circumference, systolic blood pressure, time since kidney transplantation, and malnutrition-inflammation score

Supplementary Figure Legend

Supplementary Figure 1. Repeated measurements of estimated GFR over time by ADPN tertile. Repeated measures of CKD-Epi-based GFR were available for 2 years following study enrolment. The test of hypothesis using PROC GLM for between groups effects was significant ($p<0.0001$), indicating that median eGFR were different across ADPN tertiles. The within group tests indicated that there was a significant time effect ($p<0.0001$), demonstrating that eGFR declined with time. However, there was no interaction between ADPN tertile and time with respect to eGFR ($p=0.12$).

Supplementary Figure 1.