Supplemental Table 1. Comparison of studies of pre-dialysis CKD patients examining CKD-MBD biomarker correlates of sclerostin and DKK1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sclerostin** | | | | | | | |
|  | eGFR | PTH | FGF-23 | Phosphate | Calcium | 25D3 | 1,25D3 |
| Behets *et al*, Biomedica [24] | ↓↓↓ | ↑↑↑\* | ↑↑↑\* | ↑↑ \* | ↔ | ↔ | ↓↓↓ |
| Hamada-Ode *et al*, not listed [20] | ↓ | - | - | - | - | - | - |
| Morena *et al*, TECOmedical [21] | ↓↓↓ | ↔ | - | ↔ | ↔ | ↔ | ↓↓↓ |
| Thambiah *et al*, Biomedica [22] | ↓ | ↔ | - | ↔ | ↔ | ↔ | NR |
| Kanbay *et al*, Biomedica [23] | ↓↓↓\* | ↑↑↑\* | ↑ | ↑↑↑ | ↔ |  |  |
| Pelletier *et al*, Biomedica [19] | ↓↓↓ | ↔ | - | ↑ | ↔ |  |  |
|  |  |  |  |  |  |  |  |
| **DKK1** | | | | | | | |
| Behets *et al* [24] | ↑\* | ↔ | ↑↑\* | ↔ | ↔ | ↔ | ↔ |
| Hamada-Ode *et al* [20] | ↑ | - | - | - | - | - | - |
| Morena *et al* [21] | ↑ | ↓↓ | - | ↔ | - |  |  |
| Thambiah *et al* [22] | ↔ | ↔ | - | ↔ | ↔ | ↔ | ↓ \* |

Note: Sclerostin assay manufacturer listed after author name

↑ denotes positive association, ↓ denotes negative association, ↔ denotes no significant association

Number of arrows corresponds to level of significance, where 1 arrow is p < 0.05, 2 arrows is p < 0.01, and 3 arrows is p < 0.0001

- = not measured

NR = not reported

\*no longer significant after multivariable adjustment

eGFR = estimated glomerular filtration rate

PTH = parathyroid hormone

DKK1 = dickkopf-related protein 1

FGF-23 = fibroblast growth factor 23

25D3 = calcifediol

1,25D3 = calcitriol