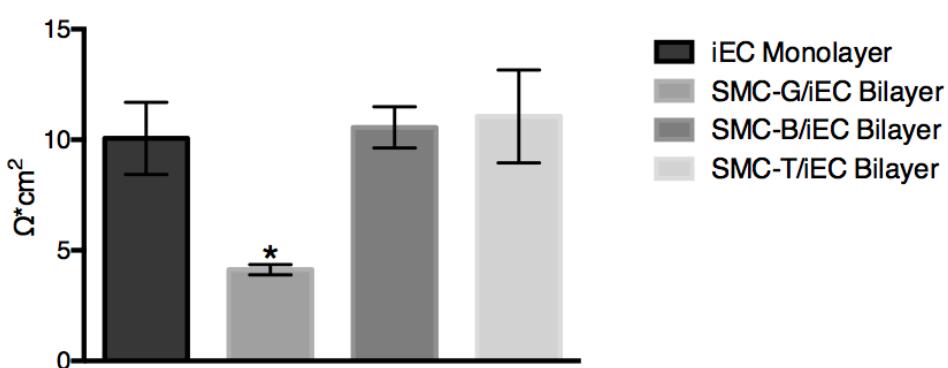
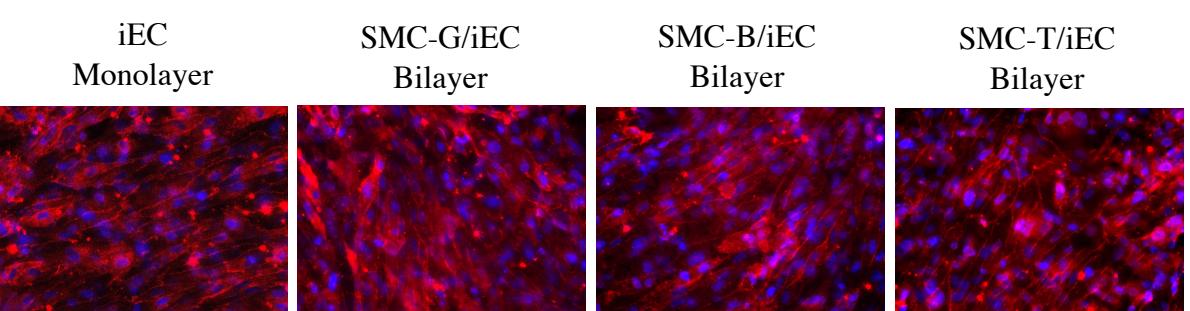


**Figure 9.** Protein expression of iEC-G, SMC-G-Cond, SMC-B-Cond, and SMC-T-Cond on culture day 3 (top) and culture day 6 (bottom). Images taken at 20X magnification showing expression of VE-cadherin (green) and DAPI (blue).



**Figure 10.** Analysis of TEER readings of iEC Monolayer, SMC-G/iEC Monolayer, SMC-B/iEC Monolayer, and SMC-T/iEC Monolayer on culture day 6, \*p<0.05 one-way ANOVA



**Figure 11.** Protein expression of iEC Monolayer, SMC-G/iEC Monolayer, SMC-B/iEC Monolayer, and SMC-T/iEC Monolayer on culture day 13. Images taken at 20X magnification showing expression of ZO-1 (red) and DAPI (blue).