Summary of the remodeled currents in cell models of heart failure.

|  |  |  |  |
| --- | --- | --- | --- |
| Ionic currents | Remodeling effects in heart failure | | |
| EPI\* | MCELL\* | ENDO\* |
| *I*Na | 74.1%↓ | 74.1%↓ | 74.1%↓ |
| *I*NaL | 103.4%↑ | 103.4%↑ | 103.4%↑ |
| *I*CaL | unchanged | unchanged | unchanged |
| *I*to | 40.4%↓ | 37.6%↓ | 50.8%↓ |
| *I*K1 | 55.3%↓ | 52.7%↓ | 55.0%↓ |
| *I*Kr | 45.9%↓ | unchanged | 27.3%↓ |
| *I*Ks | 59.4%↓ | 49.5%↓ | 57.7%↓ |
| *I*NaCa | 131.4%↑ | 90.0%↑ | 131.4%↑ |
| *I*NaK | 40.2%↓ | 40.2%↓ | 40.2%↓ |
| SERCA | 42.3%↓ | 42.3%↓ | 42.3%↓ |

\* ‘↑’ and ‘↓’ represent the augmentation and inhibition effects, respective.