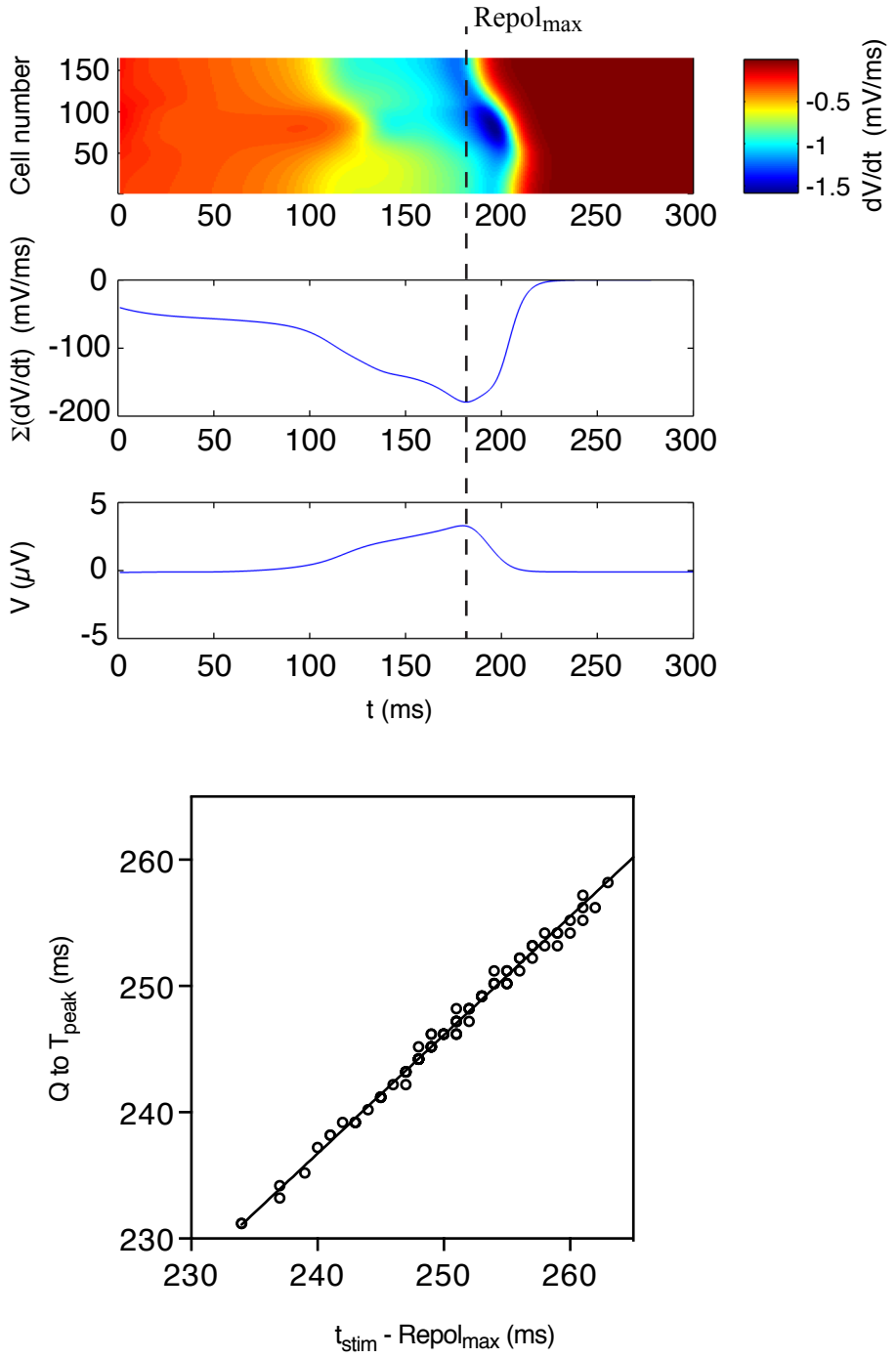

Supplementary Figure 2: Correlation of Repol$_{max}$ with T$_{peak}$. A) Heatmap showing the first derivative (dV/dt) of the AP waveforms in the cable. Timescale is adjusted such that time = 0 corresponds to 100 ms post-stimulus (i.e. the depolarisation phase is not shown for clarity). B) The sum of the repolarisation rates (Σ(dV/dt)) across the cable at each timepoint. The time at which the total repolarisation rate across the cable was greastest (Repol$_{max)}$ was identified as the minumum in ΣdV/dt. C) ECG from the same cable shown in A and B. The vertical dashed line shows alignment of Repol$_{max}$ and T$_{peak}$. D) Correlation of the interval from Q to T$_{peak}$ (from ECG) with the time from t$_{stim}$ to Repol$_{max}$ in the cable. The strong correlation confirms that Repol$_{max}$ defines T$_{peak}$.