Table 5: Additional Platform Model Considerations

ADDITIONAL PLATFORM MODEL CONSIDERATIONS:	
Simulation Interface	**Graphical User Interface:** - Enabled with use of MASON Toolkit - Environment and cell movement displayed in MASON window, settings can be varied on simulation control console **Non- GUI Simulator:** - Interaction via XML parameter file read by simulator when started
Instrumentation	**Simulation results output as CSV files:** - Tracking results: cells in vicinity of LTo cell - Tracking results: cells > 50mm from LTo cell - Cluster size summary **Images:** - Screenshots every time step during tracking (for time lapse movie generation) - Screenshots at every 12 hour time point - Screenshots at end of simulation
Quantifying Data	**Stored by simulation:** - Cell position (x,y) - Position when tracking commenced - Position when tracking time elapsed - Distance covered in tracking period **Calculated by simulation:** - Cell track length - Cell velocity - Cell displacement - Cell displacement rate - Cell meandering index Above five can then be compared to the measures gained in *ex vivo* experimentation