Simulation protocol.

1. Choose randomly: LMD or RE.

2. Simulate the chosen, collecting 50 samples of:

LMD: pressure, P, and $\{R_e\}$	RE: number of ionized segments, N_{A^-}	RE: number of salt ions, N_{Na^+}, N_{Cl^-}, $N_{Ca^{2+}}$

   Check the autocorrelation of each samples array.
   Pearson coefficient must be < 0.2.

3. Repeat collecting at least 100 averages from each process.