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## Computational modeling of cellular dynamics in tumor cell migration

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Appendix

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## Abbreviations

<b>ABM</b> agent-based model	<b>GRN</b> gene regulatory network
<b>AMT</b> amoeboid-mesenchymal transition	<b>IBM</b> individual-based model
<b>BC</b> breast cancer	<b>MCS</b> Monte Carlo step
<b>BCSC</b> breast cancer stem cell	<b>MET</b> mesenchymal-epithelial transition
<b>CFL</b> coupled feedback loop	<b>miRNA</b> microRNA
<b>CIL</b> contact inhibition of locomotion	<b>ODE</b> ordinary differential equation
<b>CPM</b> cellular Potts model	<b>PDE</b> partial differential equation
<b>CSC</b> cancer stem cell	<b>pEMT</b> partial EMT
<b>CTC</b> circulating tumor cell	<b>PSF</b> phenotypic stability factor
<b>DAC</b> directional auto correlation	<b>RCM</b> random cell migration
<b>DIC</b> differential interference contrast	<b>siRNA</b> small interfering RNA
<b>ECM</b> extracellular matrix	<b>TF</b> transcription factor
<b>EMP</b> epithelial-mesenchymal plasticity	<b>TME</b> tumor microenvironment
<b>EMT</b> epithelial-mesenchymal transition	<b>TNBC</b> triple-negative breast cancer
<b>ER</b> endoplasmatic reticulum	