SUPPORTING INFORMATION

In-silico Dynamic Analysis of Cytotoxic Drug Administration to Solid Tumours: Effect of Binding Affinity and Vessel Permeability

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Solid mechanics model parameters

List of model parameters associated with the Solid Solver Module (see Fig 1). Cells marked with an asterisk denote shared values for both tissue types, while “NA” denotes non-applicable.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Host</th>
<th>Tumour</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\mu, \kappa$ [kPa]</td>
<td>Mooney-Rivlin model</td>
<td>10, 23.3</td>
<td>37.8, 50.4</td>
<td>[1–3]</td>
</tr>
<tr>
<td>$\alpha_g, \beta_g, \gamma_g, \delta_g$</td>
<td>isotropic growth parameters</td>
<td>NA</td>
<td>3, 12.8, 6, 3</td>
<td>[3]</td>
</tr>
<tr>
<td>$\alpha_w$ [-]</td>
<td>structural integrity exponent</td>
<td>NA</td>
<td>1</td>
<td>this work</td>
</tr>
</tbody>
</table>

References

