Supplemental Information

Impact of structurally modifying hyaluronic acid on CD44 interaction

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Figure S1. Standard curve for determination of degree of deacetylation.
Figure S2: $^{13}$C NMR spectra of sulfated HA
Figure S3. $^1$H NMR sulfated HA
Figure S4. $^1$H NMR of s-deHA
Figure S5. $^1$H NMR of deacetylated HA
Figure S6: $^{13}$C NMR spectra of HA
Figure S7: $^1$H NMR spectra of HA.

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<tr>
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<th>Elemental analysis</th>
<th>Degree of substitution of sulfate</th>
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<tbody>
<tr>
<td></td>
<td>S</td>
<td>C</td>
</tr>
<tr>
<td>Native</td>
<td>-</td>
<td>25.25</td>
</tr>
<tr>
<td>Sulfated</td>
<td>7.23</td>
<td>27.45</td>
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Table S1. Elemental analysis and degree of substitution of native and sulfated HA.