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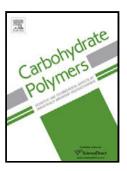
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ACCEPTED MANUSCRIPT

Molecular weight impact on the mechanical forces between hyaluronan and its receptor

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Highlights

- Lateral and normal forces were measured between hyaluronan (HA) and receptor CD44.
- HA-CD44 binding depends on HA molecular weight (MW).
- Impact of HA multivalency is more than the sum of separate monovalent bindings.

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