

# Correction to “An Investigation of the Interaction Between Bovine Serum Albumin-Conjugated Silver Nanoparticles and the Hydrogel in Hydrogel Nanocomposites”

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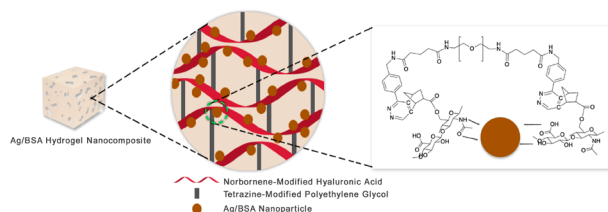
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We would like to correct the following images from our original publication:



The abstract graphic that appears on page 11614 in the original manuscript has an error in showing an amide bond between the hyaluronic acid and the norbornene. The correct structure shows an ester bond between the norbornene ring and the hyaluronic acid as shown in the revised abstract graphic seen here in this Addition/Correction. The erratum does not affect the results or conclusions described in the text.

**Scheme 1**, which appears on page 11615 in the original manuscript, has an error showing an amide bond between the hyaluronic acid and the norbornene. The correct structure shows an ester bond between the norbornene ring and the hyaluronic acid as shown in the revised **Scheme 1**. The erratum does not affect the results or conclusions described in the text.

An error was found in **Scheme 3**, which appears on page 11616 of the original manuscript. **Scheme 3** presents norbornene with an amine moiety reacting with hyaluronic acid, and the hyaluronic acid is modified with norbornene through an amide bond. The corrected scheme shows the norbornene with a carboxylic acid moiety reacting with hyaluronic acid, and the hyaluronic acid is modified with norbornene through an ester linkage as presented in the revised **Scheme 3**. The erratum does not affect the results or conclusions drawn in the text.

**Scheme 4**, which appears on page 11617 of the original manuscript, has an error. The error is carried over from the original **Scheme 3** where the norbornene-modified hyaluronic acid was linked through an amide bond. In the revised **Scheme 4**, the amide bond between the norbornene ring and the hyaluronic acid in both the HA-Nor and the HA-PEG was corrected to show an ester bond. The erratum does not have an effect on the results or conclusions drawn in the text.

**Figure S1b** on page S4 of the Supporting Information file of the original manuscript shows the norbornene ring with an amine moiety. The corrected **Figure S1b** shows the norbornene ring with an ester moiety instead. The erratum does not have an effect on the results or conclusions drawn in the text.

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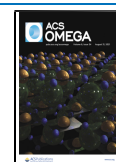
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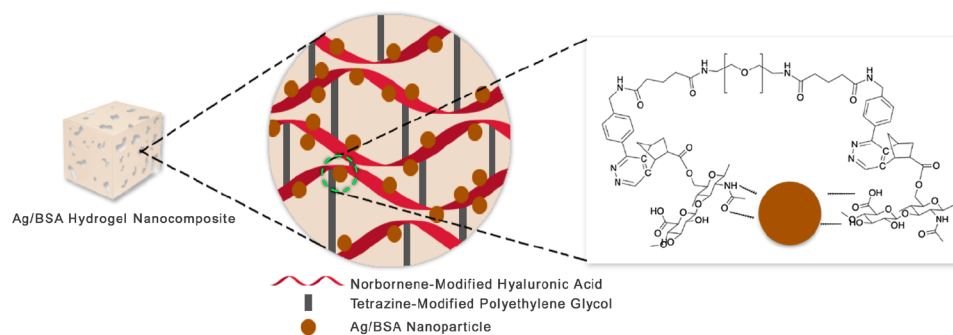
### Author Contributions

B.Z. and O.A. contributed equally to this work.

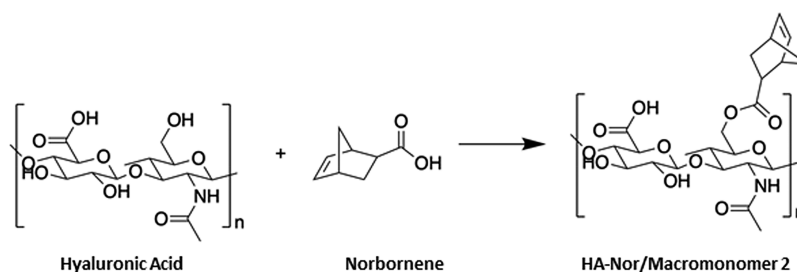
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## Scheme 1. Idealized Representation of Encapsulated Ag/BSA Nanoparticle-Loaded Hydrogel Matrix

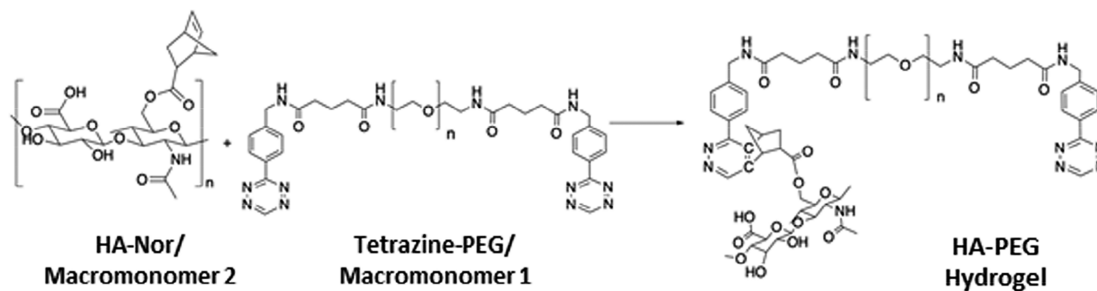


## Scheme 3. Reaction Scheme for the Synthesis of Norbornene-Modified Hyaluronic Acid (NorHA)



*Reproduced with permission from reference 32*

## Scheme 4. Reaction Scheme Used to Form Crosslink Hydrogels



*Adapted and modified from reference 31*

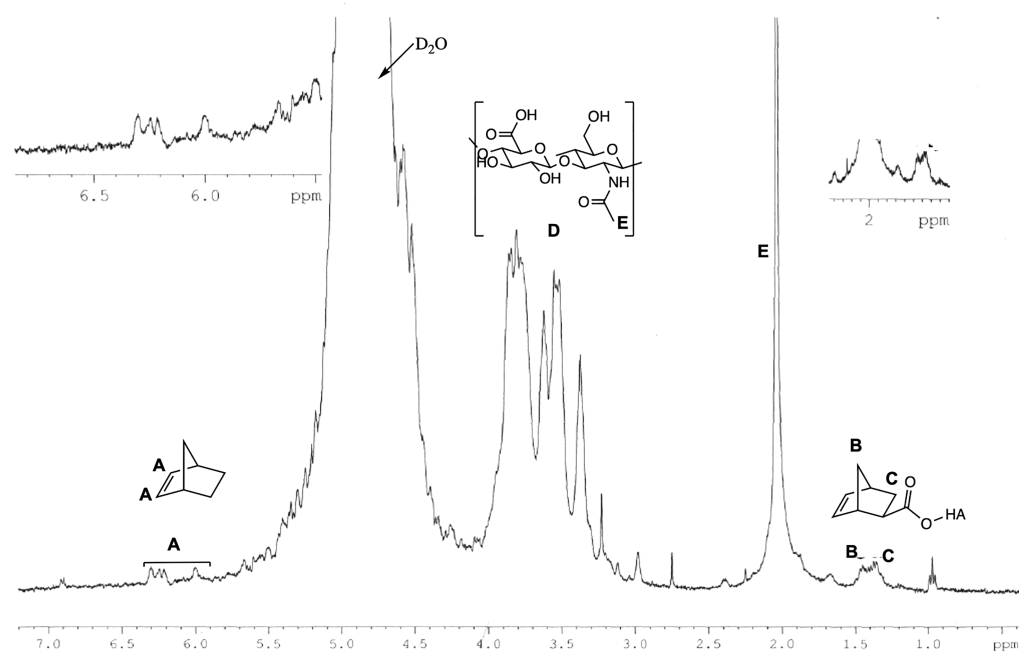


Figure S1. (b)  $^1\text{H-NMR}$  of norbornene-modified hyaluronic acid.