**Multivalent interaction based carbohydrate biosensors for signal amplification**

**[No abbreviation in the title]**

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[Please do not use equations or graphics to show in-line symbols. Instead use special symbols from the appropriate menu, e.g. ° ± β α ϕ]

[Use MS-Equation or similar tools to create or edit equations and formula, each equation should be placed in a separate paragraph]

**Abstract**

## [Do not use citation to references in the abstract]

## Background: Text for this section of the abstract…

## Methods: Text for this section of the abstract…

## Results: Text for this section of the abstract…

## Conclusions: Text for this section of the abstract…

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[Word count for abstract in original articles <= 250 and >= 200]

# Introduction

Text for this section. [Citation to references, tables, figures should appear sequentially, use superscript to cite references. Cite tables and figures in parenthesis]

# Methods

Text for this section. [Citation to references, tables, figures should appear sequentially, use superscript to cite references. Cite tables and figures in parenthesis]

# Results

## Text for this section. [Citation to references, tables, figures should appear sequentially]

[Tables should not be pasted as an image]

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# Discussion

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**Conflict of interest**

The authors have no conflicts of interest.

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