

2026

Synthesis of the conjugation-ready β -D-rhamnose- and β -D-mannose-containing trisaccharide O-antigen from *Serratia spp.* strains 10.1WK and 1XS

Sanajit Maiti, Akash Patra and Balam Mukhopadhyay

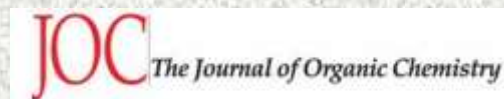
[Org. Biomol. Chem. 2026, 24, 3512–3520](#)



Total synthesis of *Aeromonas hydrophila* Pt679 O-antigen pentasaccharide repeat unit containing β -L-Rha, β -D-QuINAc, and α -D-Fuc3NAc

Subrata Das, Sujan De and Balam Mukhopadhyay

[J. Org. Chem. 2026, 91, 2928-2938](#)



An Insight into the Synthesis of Oligosaccharides Related to *Acinetobacter sp.* and their Implications Towards Human Health

Rituparna Das, Sanajit Maiti, Bedangshu Mishra and Balam Mukhopadhyay

ACS Symp. Ser. 2026, Accepted Manuscript.



Chemical synthesis of the tetrasaccharide repeating unit of the O-antigen from halophilic *Salinicola salarius* HO-14

Bijoy Rudra, Subrata Das and Balam Mukhopadhyay

[Carbohydr. Res. 2026, 562, 109813](#)

