

Das, A.; Jayaraman, N., 2021, "Aglycon reactivity as a guiding principle in latent-active approach to chemical glycosylations", *Carbohydr. Res.* 508, 108404 (1-10).

This Review article deals with a careful compilation of the advancements in one aspect of the glycosylation chemistry, namely, latent-active glycosylation. The term 'latent-active' originated in early 1990's saw a period of dormancy for decade since then. However, it caught the attention of a number of newer research groups to craft new methodologies for glycosylations and the method of 'latent-active' glycosylation has become the beacon to develop such new methods that are truly innovative in contemporary glycosylation chemistry. The Review article is summarized in a way as to give a historical perspective, followed by a careful analysis of the methods that have come to the fore in the recent past. The impressive developments must find an appropriate forum and we thus decided to focus on these new developments in a dedicated article. A range of new methods have been developed by implementing novel organic transformations applicable to the glycosylations.