ABSTRACT

The present disclosure encompasses immunogenic/therapeutic compositions including Globo H-KLH glycoconjugates (OBI-822) and/or therapeutic adjuvants (OBI-821/OBI-834) as well as methods of making and using the same to treat proliferative diseases such as cancer. The therapeutic conjugates include an antigen linked to a carrier. In particular the therapeutic conjugates include a Globo H moiety and a KLH moiety and/or a derivatized KLH moiety subunit optionally linked via a linker. The therapeutic compositions are in part envisaged to act as cancer vaccines for boosting the body's natural ability to protect itself, through the immune system from dangers posed by damaged or abnormal cells such as cancer cells. Exemplary immune response can be characterized by reduction of the severity of disease, including but not limited to, prevention of disease, delay in onset of disease, decreased severity of symptoms, decreased morbidity and delayed mortality.

[Figure 6A]