

PRESS RELEASE

ProBioGen licenses GlymaxX® Technology to Sanofi

Enhancement of Target Cell Killing for Innovative Therapies

Berlin, March 17, 2021:

ProBioGen AG has signed a commercial multi-product license agreement with Sanofi. Under such agreement, Sanofi will integrate ProBioGen's proprietary GlymaxX technology into their product development strategy for an undisclosed number of antibody candidates across several business units. GlymaxX enables a boost of antibody-dependent cell-mediated cytotoxicity (ADCC), consequently leading to an elevated NK cell mediated killing activity of its target cells. The GlymaxX technology adds value to the products by significantly improving their potency and potentially reducing the overall clinical doses for patients.

The proven GlymaxX technology for production of afucosylated proteins is widely applied in the pharma industry and hence used in various numbers of mAb candidates. It is universally applicable, simple and very potent. The unique advantage of the GlymaxX technology allows a single GlymaxX modified cell line to produce both, completely fucosylated and/or afucosylated antibodies and those with intermediate defined fucosylation levels.

The technology can be easily integrated in newly developed or already existing cell lines of different host cell origins, which demonstrates its great flexibility.

About ProBioGen

[ProBioGen](#) is a Berlin-based premier CDMO for developing and manufacturing complex therapeutic glycoproteins. Combining both state-of-the-art development platforms, based on ProBioGen's CHO.RiGHT® expression and manufacturing platform, together with intelligent product-specific technologies, yields biologics with optimized properties.

Rapid and integrated cell line and process development, comprehensive analytical development and following reliable GMP manufacturing is performed by a highly skilled and experienced team. All services and technologies are embedded in a total quality management system to assure compliance with international ISO and GMP standards (EMA/FDA).

ProBioGen was founded 1994, is privately owned and located in Berlin, Germany.

About GlymaxX®

The [GlymaxX](#) technology, developed by ProBioGen, prevents the addition of the sugar "fucose" to the N-linked antibody carbohydrate part by antibody producing cells. The absence of fucose enhances ADCC (antibody-dependent cell-mediated cytotoxicity) activity for antibodies directed against cancer and infectious diseases. The GlymaxX technology is based on the stable introduction of a gene for an enzyme which deflects the cellular pathway of fucose biosynthesis. ProBioGen offers this technology royalty-free to third parties.

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