Meet the challenge of complex protein expression with GS piggyBac™

Biologic pipelines are evolving from standard antibody formats to next-generation biologics. GS piggyBac™, a unique and versatile cell line engineering technology, helps address the need for robust and scalable expression platforms that can keep pace with this shift towards more complex protein formats.

**piggyBac™**

1983: Barbara McClintock receives Nobel Prize for discovering transposition

1997: First synthetic transposase and transposon system available

2006: piggyBac™, shown to be highly flexible and active compared to other transposon based technologies in mammalian cells

2016-2018: Several published studies highlight the benefits of CHO and piggyBac™ technologies in supporting complex protein expression

2018: Lonza acquires exclusive rights to piggyBac™ for bioprocessing applications

**GS System®**

1992: Lonza GS System® launched

2003: Launch of CHOK1SV® cell line

2006: pConPlus vectors for mAbs introduced

2012: GS Xceed® launched

2017: GS Xceed® site-specific conjugation vectors launched

2018: GS Xceed® Multigene vectors added to the GS Toolbox

2019: GS piggyBac™ launched

For further details, visit, pharma.lonza.com/gspiggybac

GS piggyBac™ is a Lonza trademark registered in CH & EU