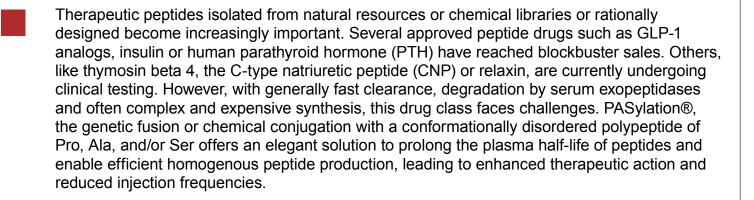


PASylated peptides





Tunable plasma half-life



Biodegradable PEG alternative

- Expanded hydrodynamic volume leading to extended circulation time
- Shielding against plasma proteases
- Reduced injection frequency
- PAS overcomes PEG hypersensitivity
- No organ accummulation during chronic treatment



Efficient recombinant production



Chemical conjugation

- Genetic fusion: no degradation in the cytoplasm, homogenous product & reduced costs
- Design of long-acting bispecific peptides
- High-yield secretory production of mature peptides (multiple g/L) demonstrated using an industry-standard expression system
- Various formats of activated PAS polypeptides
- Homogenous product

Related publications and press releases:



San Diego, USA, and Freising, Germany, October 15, 2020: XL-protein and Antlia Bioscience announce collaboration to develop long-acting peptide therapy of chronic heart failure using PASylation® technology.



Binder U., Skerra A. (2020) PASylated Thymosin α1: a long-acting immunostimulatory peptide for applications in oncology and virology. Int. J. Mol. Sci. 22, E124.



San Diego, USA, and Freising, Germany, December 18, 2018: Ajinomoto and XL-protein forge strategic alliance to develop PASylated therapeutics applying the Corynex® platform.

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