



Mersana Therapeutics Enters Collaboration with Takeda to Develop Next-Generation Antibody-Drug Conjugates

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Mersana's next-generation Fleximer® antibody-drug conjugate (ADC) technology is based on the Company's proprietary biodegradable polymer system, known as Fleximer, and a wide variety of linkers that allow for the attachment of an extensive range of anti-tumor payloads to Fleximer. As an example, once loaded with the drug(s), Fleximer is then attached, through a stable linker that is different from the drug linker(s), to an antibody or antibody alternative to create a Fleximer-ADC. Mersana's novel linker systems are designed to be stable in the blood stream and release the cytotoxic payloads once inside the targeted cancer cell. Mersana's Fleximer-ADC technology provides several key advantages over currently available approaches, including: ability to deliver diverse payloads; opportunity to significantly increase drug loading per antibody; potential use with antibody fragments and alternative targeting moieties in addition to monoclonal antibodies and to optimize the size, of the drug conjugate to efficiently perfuse solid tumors, while retaining a long half-life associated with antibody-based ADCs.

About Mersana Therapeutics, Inc.

Mersana Therapeutics engineers novel drug conjugates that maximize the potential of new and established therapeutic classes. Mersana is developing, with select pharmaceutical partners, a portfolio of next-generation Fleximer® antibody-drug conjugates (ADC) with superior properties not found with current ADC technologies. The company is also advancing its own pipeline of Fleximer-ADCs with best-in-class potential to address unmet needs and improve patient outcomes in multiple oncology indications.

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