



AaviGen consolidates its position on cardiac-specific AAV capsids from its next-CAP platform

Heidelberg, Germany – April 8, 2023 – AaviGen, a preclinical stage biotechnology company focused on the development of curative gene therapies for cardiovascular and cardiopulmonary diseases, announced the completion of its comprehensive cardiac-specific AAV vector development phase. Employing its next-generation Cardiac AAV Platform (next-CAP) that utilizes various human-relevant species, including non-human primates, AaviGen successfully engineered more than 70 proprietary capsids with the desired cardiac tropism and optimally ablated transduction propensity towards non-cardiac organs or tissues (e.g., liver, or dorsal root ganglions).

“We are extremely excited to see the achievements of our versatile cross-species next-CAP platform” said Dr. Martin Busch, COO and head of the R&D team. “Our scientific team has done an exceptional job designing a high-performance experimental/bioinformatic pipeline and successfully executing an elaborate developmental plan that addressed the challenges associated with such a complex endeavor. Our novel capsids have been engineered to target the heart specifically, which is crucial for AAV-based gene therapies that are applied systemically. This targeted approach can be further enhanced with suitable transcriptional control elements, such as cardiomyocyte-specific promoters, to optimize the expression specificity and strength of the therapeutic gene cassette, thereby countering the diverse molecular causes of either acquired or hereditary heart diseases.” Dr. Busch concluded.

About AaviGen

AaviGen was founded in 2019 on the understanding that successful gene therapy requires optimized delivery of therapeutic targets to the diseased heart. AaviGen’s scientific approach is documented in numerous peer-reviewed scientific publications and validated by its founders’ track record in scientific innovations for the diagnosis and treatment of cardiac diseases, including gene therapy medicinal products. For more information, please see: www.aavigen.com

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AaviGen’s Forward-Looking Statements

This press release contains statements that constitute “forward looking statements” as that term is defined in the United States Private Securities Litigation Reform Act of 1995, including statements that express the company’s opinions, expectations, beliefs, plans, objectives, assumptions or projections of the company regarding future events or future results, in contrast with statements that reflect historical facts. Examples include discussion of the



company's strategies, financing plans, growth opportunities and market growth. In some cases, you can identify such forward-looking statements by terminology such as "anticipate," "intend," "believe," "estimate," "plan," "seek," "project," or "expect," "may," "will," "would," "could," "potential," "intend," or "should," the negative of these terms or similar expressions. Forward looking statements are based on management's current beliefs and assumptions and on information currently available to the company. However, these forward-looking statements are not a guarantee of the company's performance, and you should not place undue reliance on such statements. Forward-looking statements are subject to many risks, uncertainties and other variable circumstances, including negative worldwide economic conditions and ongoing instability and volatility in the worldwide financial markets, ability to obtain funding, ability to conduct current and future preclinical studies and clinical trials, the timing, expense and uncertainty of regulatory approval, reliance on third parties and collaboration partners, ability to commercialize products, ability to manufacture any products, possible changes in current and proposed legislation, regulations and governmental policies, pressures from increasing competition and consolidation in the company's industry, ability to manage growth, reliance on key personnel, reliance on intellectual property protection, ability to provide for patient safety, and fluctuations of operating results due to the effect of exchange rates or other factors. Such risks and uncertainties may cause the statements to be inaccurate and readers are cautioned not to place undue reliance on such statements. Many of these risks are outside of the company's control and could cause its actual results to differ materially from those it thought would occur. The forward-looking statements included in this press release are made only as of the date hereof. The company does not undertake, and specifically declines, any obligation to update any such statements or to publicly announce the results of any revisions to any such statements to reflect future events or developments, except as required by law.