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Genflow Biosciences Plc

Positive Preliminary Interim Results from SLAB Clinical Trial of SIRT6 Gene Therapy in Aged Dogs

Genflow Biosciences Plc (LSE: GENF) (OTCQB: GENFF) ("Genflow" or the "Company"), a European-based biotechnology company focused on the development of gene therapies for age-related diseases, announces positive preliminary interim results from its SLAB (Sarcopenia and Longevity in Aged Beagles) clinical trial evaluating its proprietary SIRT6 centenarian gene therapy in aged dogs.

Trial overview

The randomised, blinded study, conducted by an independent contract research organisation, enrolled 24 beagle dogs aged over 10 years who were allocated to four treatment cohorts: Cohort 1: SIRT6 cent gene delivered via DNA at low dose, Cohort 2: SIRT6 cent gene delivered via DNA at high dose, Cohort 3: SIRT6 cent gene delivered via AAV8 with a single-dose, and a control cohort.

The interim analysis reflects outcomes observed following the first six month dosing period. Additional endpoints remain under assessment.

Preliminary interim results

All treatment groups demonstrated superior survival compared to the control group during the dosing period. No adverse events were observed, and all treatment modalities exhibited a favourable safety and tolerability profile suitable for use in aged companion animals.

Across treatment cohorts, improvements were observed in several functional and observable endpoints, including quality of life, muscle mass preservation, frailty index reduction, and coat quality, relative to control animals, which exhibited expected age-related decline.

Ongoing analyses

Several key endpoints remain under evaluation, including biological age determination using methylation clock analysis and comprehensive muscle biopsy histology. These analyses are intended to provide further mechanistic and quantitative validation of the therapy's effects. The Company expects to provide a comprehensive update on all remaining endpoints during the second quarter of 2026.

Commercial and strategic implications

Genflow believes these preliminary results support the potential of its SIRT6 gene therapy as a first-in-class, disease-modifying approach to addressing age-related decline in companion animals and reinforce the programme's relevance to prospective animal health partners. The

Company is actively engaging with animal health companies regarding potential licensing, co-development, and commercialisation opportunities.

Dr Eric Leire, Chief Executive Officer of Genflow Biosciences said: “These preliminary interim results represent a potentially significant milestone for Genflow and strengthen our position for animal health partnerships. The consistency of positive signals across multiple independent endpoints from survival and quality of life to objective measures of muscle preservation and frailty reduction, combined with an excellent safety profile, supports our SIRT6 platform as a credible, differentiated asset for the companion animal market.

Based on these encouraging preliminary findings, we are proceeding with the follow-up phase to assess durability of effects and to monitor for differences in age-related disease emergence - data that will inform future commercial discussions. We expect to provide a comprehensive update on all endpoints, including the critical GrimAge methylation clock and muscle histology data, in the second quarter of 2026."

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About Genflow Biosciences

Founded in 2020, Genflow Biosciences Plc. (LSE:GENF) (OTCQB:GENFF), a biotechnology company headquartered in the UK with R&D facilities in Belgium, is pioneering gene therapies for age-related diseases, with the goal of promoting longer and healthier lives while mitigating the financial, emotional, and social impacts of a fast-growing aging global population. Genflow’s lead compound, GF-1002, works through the delivery of a centenarian variant of the SIRT6 gene which has yielded promising preclinical results. Genflow’s 12-month proof-of-concept clinical trial evaluating their SIRT6-centenarian gene therapy in aged dogs began in March 2025. Other programs include a clinical trial that will explore the potential benefits of GF-1002 in treating MASH (Metabolic Dysfunction-Associated Steatohepatitis), the most prevalent chronic liver disease for which there is no effective treatments. Please visit www.genflowbio.com and follow the Company on LinkedIn and X.

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Forward-looking statements include all matters that are not historical facts. Forward-looking statements are based on the current expectations and assumptions regarding the Company, the business, the economy and other future conditions. Because forward-looking statements relate to the future, by their nature, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict. Forward-looking statements are not guarantees of future performance and the Company's actual financial condition, actual results of operations and financial performance, and the development of the industries in which it operates or will operate, may differ materially from those made in or suggested by the forward-looking statements contained in this announcement. In addition, even if the Company's financial condition, results of operations and the development of the industries in which it operates or will operate, are consistent with the forward-looking statements contained in this announcement, those results or developments may not be indicative of financial condition, results of operations or developments in subsequent periods. Important factors that could cause actual results to differ materially from those in the forward-looking statements include regional, national or global, political, economic, social, business, technological, competitive, market and regulatory conditions.

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