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Genflow Biosciences PLC
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Genflow Biosciences Plc

("Genflow" or "the Company")

A Look Back at an Exciting 2024

2024 has been an incredible year for Genflow as we advance our mission to develop novel therapeutics that promote a longer, healthier life.

Our focus on the SIRT6 gene and its potential to slow aging and delay age-related diseases has seen significant progress. This year, we've strengthened our leadership by collaborating with world-class researchers and laboratories, with generous support from the Belgian Government that has been instrumental in advancing our work.

Program Highlights

Throughout the year, our programs made significant strides, including:

- **MASH (GF-1002):** We are advancing to the pre-IND phase of our preclinical development and have partnered with Exothera SA for GMP manufacturing of the clinical lot. Exothera, a specialized CDMO, provides end-to-end GMP manufacturing services for viral vectors, RNA therapeutics and vaccines, with state-of-the-art facilities in Belgium and the US.

  Leveraging these innovative technologies and expertise, we are positioned to fast-track our progress and initiate the first proof-of-concept study of our gene therapy in patients with MASH. This milestone is a critical achievement for the Company, signaling our readiness to transition into clinical trials and showcasing the maturity and scalability of our therapeutic platform. Prior to commencing GMP manufacturing, we will ensure full regulatory compliance to reinforce confidence in our program among potential partners, investors, and regulatory agencies.

- **Werner Syndrome (GF-1003):** We have developed a proprietary liver organoid derived from human cells of patients with Werner syndrome. Organoids are miniature, three-dimensional tissue models (grown in the lab) that mimic the structure and function of real organs.

  Compared to using animal models, organoids offer several advantages: they are derived from human cells from patients affected with the disease, providing more accurate insights into human-specific biology; they reduce reliance on animals in research; and they allow for personalized disease modeling and drug testing tailored to individual patients.

- **Dog Aging (GF-1004):** We are initiating a life extension clinical trial for aging dogs in collaboration with our contract research partner, Syngene. This six-month study will assess the potential of a veterinary version of our gene therapy to extend both the health span and lifespan of dogs. We expect to complete the full analysis of the trial by the end of 2025. Based on the outcomes, we may explore partnership opportunities or licensing agreements with veterinary specialty pharmaceutical companies.

- **Sarcopenia (GF-1005):** We are making steady progress with our project aimed at addressing mitochondrial dysfunction observed in sarcopenia. This work focuses on restoring mitochondrial health as a key factor in combating the condition. The loading of myoblast progenitors with centSIRT6 is currently underway in collaboration with our partner, Université libre de Bruxelles (ULB). We are optimistic that these efforts will pave the way for innovative solutions to improve muscle health and combat sarcopenia effectively.

Looking Ahead

As we prepare for 2025, we are energized by the progress we've made and the opportunities ahead. Our commitment to tackling aging as a fundamental risk factor for chronic diseases remains steadfast. With continued collaboration and innovation, we are confident we will achieve great things in the coming year.

Thank you all for your trust and support on this journey. Our stakeholders' belief in what we're working towards means the world to us and we can't wait to share more exciting updates in the months to come!

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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 to decelerate the aging process, 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. Scheduled to begin in 2025, Genflow's clinical trial aims to 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 Twitter/X.

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This announcement may contain forward-looking statements. The forward-looking statements include, but are not limited to, statements regarding the Company's or the Directors' expectations, hopes, beliefs, intentions or strategies regarding the future. In addition, any statement that refers to projections, forecasts or other characterisations of future events or circumstances, including any underlying assumptions, is a forward-looking statement. The words "anticipate", "believe", "continue", "could", "estimate", "expect", "intend", "may", "might", "plan", "possible", "potential", "predict", "project", "seek", "should", "would" and similar expressions, or in each case their negatives, may identify forward-looking statements, but the absence of these words does not mean that a statement is not forward-looking.

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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