



Centauri Therapeutics selects first clinical candidate, for immunotherapeutic treatment of Gram-negative bacterial infections

- *Lead candidate in the ABX-01 programme to progress into first-in-human clinical studies*
- *Programme designed to treat Gram-negative bacterial lung infections in the most vulnerable patients*

London, UK, 4 March 2025: Centauri Therapeutics Limited ([Centauri](#)), an immunotherapy company with a unique and proprietary platform technology applicable across a wide range of therapeutic indications, today announced the selection of its first clinical candidate in the ABX-01 programme. Based on the Company's Alphamer® platform, the compound is designed to target serious Gram-negative bacterial infections in the lung, expanding therapeutic options for the most vulnerable patients. This drug candidate will now be further developed ahead of progression to first in-human clinical studies.

The lead candidate in the ABX-01 programme is a broad-spectrum antimicrobial peptide specifically selected to combat clinically prevalent and multidrug-resistant bacterial strains. It employs a dual mechanism of action, combining immunotherapeutic effects through complement fixation and phagocytosis with intrinsic antibacterial properties, within a single molecule. Preclinical studies have demonstrated the compound's activity against Gram-negative bacteria.

"We are excited to enter the clinical development phase with the ABX-01 lead candidate, thanks to our dedicated team who have worked hard to advance our Alphamer platform to this crucial stage. The platform has the potential to address a vital gap in the current anti-infective treatment landscape, and we remain confident that our lead candidate will continue to demonstrate this as we progress towards a Phase I clinical trial," commented Dr Jennifer Schneider, CEO, Centauri Therapeutics. "We are proud to progress this molecule with the continuous support of our investors and our long-standing partner, CARB-X, for which we are grateful."

Dr Helen Bright, CSO, Centauri Therapeutics, said: *"Our focus at Centauri Therapeutics has always been on developing novel immune therapy approaches to expand treatment options for the most vulnerable, starting with the anti-infectives space. Reaching this stage highlights the potential of our disruptive technology, not only in anti-infectives, but also within the oncology and vaccines spaces. I look forward to working alongside our brilliant and highly motivated team to take us into this next phase of development."*

Centauri is now conducting regulatory preclinical activities to enable streamlined progression of its lead clinical candidate into a Phase I clinical trial.

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(WT224842), and Germany's Federal Ministry of Education and Research (BMBF). The content of this press release is solely the responsibility of the authors and does not necessarily represent the official views of CARB-X or any of its funders.

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Notes to Editors



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About Centauri Therapeutics www.centauritherapeutics.com

Centauri Therapeutics is an immunotherapy company, with a unique and proprietary platform technology applicable across a wide range of therapeutic indications. The Company's initial focus is on infectious diseases, driven by an urgent unmet need for anti-infectives to treat the most vulnerable and at-risk patients. Centauri also has strong initial proof-of-concept data in oncology.

Centauri's Alphamer® platform has a unique mechanism of action, utilising an antibody recruiting molecule to harness the body's natural immune response, and redirect antibodies to target diseases.

Based at Alderley Park, Cheshire UK, Centauri's investors include Animatrix Founders LLP, Boehringer Ingelheim Venture Fund, Evotec SE, Novo Holdings REPAIR Impact Fund, and Wren Capital LLP. The Company's anti-infective platform also receives financial and scientific support from CARB-X and PACE.

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