



Odimma partners with myNEO for the clinical development of its personalized DNA-based cancer immunotherapy

STRASBOURG, France / GHENT, Belgium – February 13, 2023

Odimma Therapeutics (Strasbourg, France), a biopharmaceutical company developing an innovative immunotherapy platform dedicated to the treatment of cancer and myNEO (Ghent, Belgium), a data-driven neoantigen discovery company, today announced that they are expanding their existing collaboration into a clinical trial collaboration agreement. The agreement combines Odimma's synthetic DNA vaccine technology with myNEO's data analysis platform for fast and accurate per-patient identification and selection of neoantigen targets predicted to elicit strong immune responses. The agreement covers a phase I and phase II clinical trial in solid tumors.

After combining Odimma's DNA vaccine technology with neoantigens identified by myNEO and achieving promising preclinical results in mice last year, both companies decided to continue the successful collaboration into a clinical-stage program. myNEO will utilize its proprietary, best-in-class machine learning algorithms to screen the mutational profile of individual patients to investigate personalized highly immunogenic neoantigens. For this, myNEO will explore the complete genomic profile of the tumor to find more and novel sets of highly immunogenic neoantigenic sources.

"We strongly believe that the accurate prediction of immunodominant neoantigens along with the potency of the immunization platform are the two key drivers for the success of personalized immunotherapy," said Dr Jean-Marc Limacher, Chairman of the board and co-founder of Odimma. "We are very confident that the Artificial Intelligence solution developed by myNEO will give each patient the best chances of response to immunotherapy."

Odimma will manufacture the vaccine for each patient individually using its ODI-2001 candidate. The synthetic DNA vector vaccine will encode for up to 20 patient-specific tumor neoantigens, selected by myNEO, aiming to induce a potent and precise immune response against the patient's unique tumor. The proven enhanced efficacy results in mice - compared to other vaccines targeting the same neoantigen - together with the rapid manufacturing process Odimma has developed, highlight the potential of the technology in a personalized setting.

"The myNEO project team is excited to have Odimma as our newest partner, and to be able to enter the field of DNA cancer vaccines," said Cedric Bogaert, Chief Executive Officer and co-founder of myNEO. "We are fully convinced that a more patient-centric approach of evaluating and targeting the tumor will be an essential part of the future, and different parallel revolutions have enabled to incorporate it in a cost-efficient and logistically feasible process. The Odimma technology provides an innovative new avenue to bring the breakthroughs of personalized tumor targeting models to the patients."

The clinical phase I aims to test the personalized synthetic DNA vaccine as monotherapy in solid tumors and will be conducted in France. The trial is expected to be initiated in Q4 2023 to primarily assess feasibility and safety but also to collect early signs of efficacy. A program of translational research is closely associated to this first clinical trial.



About myNEO

myNEO is a Belgian biotech company that focuses on the development of immunotherapies finetuned against the tumor of cancer patients. The core technology to its clinical development is an advanced data analysis platform that allows to rapidly screen immuno-genomic datasets from enrolled patients and their tumors. Data-driven neural networks trained on gathered biological datasets enable to characterize tumors and their micro-environment, identify impactful tumor alterations and neoantigens as targets for immunotherapies, finetune patient inclusion criteria, and define early biomarkers for potential response. The growing company was founded by biotech entrepreneurs Cedric Bogaert with Professor Wim Van Criekinge and Jan Van den Berghe. Professor MD Kris Thielemans, a pioneer in the field of immunotherapy, Mark Vaeck, founder and former CEO of biopharmaceutical company Ablynx, and Bert Coessens, co-founder of Cartagenia, are also involved.

Read more at: www.myneo.me

myNEO Media Contact

Cedric Bogaert
CEO myNEO

About Odimma Therapeutics

Odimma is a biotech company based in France with a unique approach in active personalised cancer immunotherapy. By harnessing the ability of the patient's own immune system to specifically recognise non-self-targets displayed by the tumor, also called neoantigens, Odimma has designed a potent next-generation personalised immunisation platform. This proprietary platform has demonstrated its ability to induce a powerful cellular immune response against non-self-antigens as well as a strong anti-tumoral effect in several tumor bearing mice models. By design the immunisation product can be produced in a short period of time and with no limits in the number of neoantigens to be targeted.

For more information, visit www.odimma-therapeutics.com

Odimma Therapeutics Media Contact

Jessica Matta
CEO Odimma-Therapeutics

Pascale Balducchi
CBO Odimma-Therapeutics