

Gabather

Press release Stockholm 2024-03-18 08:30 CET

Gabather files two new patent applications to secure novel findings on the effects of GT-002 for the treatment of psychiatric disorders

STOCKHOLM, March 18, 2024 -- Gabather AB (Nasdaq First North Growth Market: GABA) today reports that two new US provisional patent applications based on novel findings from the EEG/fMRI target engagement study with GT-002, a selective positive allosteric GABAA-receptor modulator. The inventions relate to the medical use of GT-002 in psychiatric disorders.

The claims based on inventions from the results from our EEG/fMRI target engagement study are both novel and unexpected and will strengthen Gabather's intellectual property right (IPR) position in the field of GABA_A receptor modulators, and the medical use of GT-002. Our IPR strategy is to build layers of patents around our drug products, generating a strong and attractive IPR position for the products that generates an extended patent protection of the drug product. Gabather has an active portfolio of patents and patent applications covering key products and methods that create significant value to the company, giving Gabather the freedom to operate, product differentiation, as well as a strong negotiation position in potential agreement negotiations.

"When approved by USPTO these patent's will further strengthen our drug products and market position, giving Gabather a strong competitive advantage in providing the next generation neuropsychiatric drugs to the patients. We will move forward into clinical trials in patients and identify the right partner for the continued development of GT-002" says Michael-Robin Witt, CEO of Gabather AB.

About GT-002

GT-002 is a small molecule GABA_A receptor *Positive Allosteric Modulator* (PAM) eliciting both tonic and phasic inhibitory currents. GT-002 improves learning and memory in preclinical models. It restores *ketamine* induced cognitive deficits in the discrimination learning task model, and inhibits the behavioural effects induced by *phencyclidine* in the *in-vivo* model of schizophrenia. GT-002 has been shown to be anxiolytic and to promote social interaction in rats. GT-002 targets a novel binding site on GABA_A receptors, different from benzodiazepines (BZD), and has not shown any of the side effects known for BZD. Long-term treatment (28 days) with GT-002 has not shown any withdrawal symptoms upon cessation of treatment both in mice and dogs, indicating no drug abuse liability associated with this drug candidate. GT-002 has completed 3 phase I clinical trials in healthy volunteers. Both single ascending dose (SAD) and multiple ascending dose (MAD) studies have been completed. The results from these studies show that GT-002 is safe and well tolerated and that it has excellent pharmacokinetics, allowing for once-a-day oral dosing. An EEG/fMRI target engagement study in healthy volunteers aimed to determine the effects of GT-002 on brain activity across different brain regions and neuronal networks has recently been completed.

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About Gabather

Gabather is a clinical-stage pharmaceutical company aiming to transform the treatment of neuropsychiatric disorders. The Company was founded as a response to the significant unmet need and lack of innovative therapeutics in the mental health treatment landscape. Gabather is dedicated to developing innovative therapeutics for the treatment of a broad range of neuropsychiatric disorders. The goal is to accelerate the development of new groundbreaking medicines to achieve clinically meaningful therapies for the patients.

For more information, please visit: www.gabather.com

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Forward-looking statement

This press release contains forward-looking statements that constitute subjective estimates and forecasts about the future. Assessments about the future are only valid on the date they are made and are, by their nature, similar to research and development work in the biotech field, associated with risk and uncertainty. In light of this, actual outcomes may differ substantially from what is described in this press release. Gabather is listed on First North Growth Market and Corpura Fondkommission AB is Certified Advisor.