



Gubra announces updates to its pipeline. Internally developed brain-accessible orexin peptides for the treatment of narcolepsy, now ready for partnering

Gubra today announces updates to its R&D pipeline of internal and partnered projects. Most notably is the addition of a new CNS (orexin) peptide drug discovery project, now ready for partnering. The aim of the project is to develop an efficacious and safe peptide-based treatment for narcolepsy type 1.

Henrik Blou, CEO at Gubra, is satisfied with the latest pipeline developments:

"We are pleased to add this new CNS indication to our portfolio of drug discovery projects. The exciting results suggest that we can use *streaMLine* to develop blood-brain-barrier penetrating peptides which has tremendous potential in multiple CNS-related disorders."

Gubra has developed a broad series of orexin peptides with very promising effects in animal models of narcolepsy which spurred the decision to advance the project into their R&D pipeline. The orexin peptide drug discovery project, that gains access to brain orexin receptors after a subcutaneous injection, has grown out of Gubra's own *streaMLine* platform for rapid peptide drug discovery.

Orexin is a hormone that helps regulate sleep-wake cycles. Certain sleeping disorders, such as narcolepsy type 1 (narcolepsy with cataplexy), are debilitating diseases with severe consequences for the quality of life of patients and their relatives. They are believed to be caused by the loss of a group of neurons deep in the brain producing orexin peptides. Narcolepsy type 1 is a rare chronic neurological disorder with a prevalence of 25-50 per 100,000.

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About Gubra

Gubra, founded in 2008 in Denmark, is specialized in pre-clinical contract research services and peptide-based drug discovery within metabolic and fibrotic diseases. Gubra's activities are focused on the early stages of drug development and are organised in two business areas - CRO Services and Discovery & Partnerships (D&P). The two business areas are highly synergistic and create a unique entity capable of generating a steady cash flow from the CRO business while at the same time enjoying biotechnology upside in the form of potential development milestone payments and potential royalties from the D&P business. Gubra has approx. 200 employees and had annual revenue of approx. DKK 200 million in 2022. See www.gubra.dk for more information.

Press Release
09 June 2023 07:30:00 CEST



Attachments

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[230609 Gubra R&D Pipeline](#)