

Study in human brain tissue shows that NPY can suppress epileptic activity via Y2-receptor activation

Professor Merab Kokaia, one of CombiGene's scientific founders, has conducted an important study concerning the suppression of epileptic activity via activation of the brain's Y2 receptors. The study was conducted in human, pharmaco-resistant epileptic brain tissue that had been donated in connection with a surgical procedure carried out to inhibit epileptic seizures.

The study clearly demonstrates that, by activating the brain's Y2 receptors, epileptic activity in pharmaco-resistant epileptic brain tissue can be suppressed with NPY. NPY's mechanism of action is exactly what CombiGene intends to achieve with the candidate drug, CG01. The results therefore provide a very promising basis for testing the treatment in clinical studies.

The results from the study is available here:

<https://www.nature.com/articles/s41598-019-56062-1#citeas>

About CombiGene AB

CombiGene's vision is to provide patients affected by severe life-altering diseases with the prospect of a better life through novel gene therapies. CombiGene's business concept is to develop effective gene therapies for severe life-altering diseases where adequate treatment is currently lacking. Development assets are sourced from an external research network and developed to achieve clinical proof of concept. Drug candidates for common diseases will be co-developed and commercialized through strategic partnerships, while the company may manage this process on its own for drugs targeting niched patient populations.

The company is public and listed on the Swedish marketplace Nasdaq First North Growth Market and the company's Certified Advisor is FNCA Sweden AB, +46 (0)852 80 0399, info@fnca.se.

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