



Aleva Neurotherapeutics Receives CE Mark for its directSTIM™ Deep Brain Stimulation System and Raises USD 8 Million Private Equity

Lausanne, Switzerland, December 16, 2019 – Aleva Neurotherapeutics, a leading developer of implants for deep brain stimulation (DBS) in major neurological indications such as Parkinson’s disease and essential tremor, today announced that it has been awarded the CE Mark for its flagship product, the directSTIM™ Deep Brain Stimulation System.

Aleva’s revolutionary DBS system incorporates directional electrode technology and is designed to be more precise and efficient, with optimized stimulation that will potentially reduce side effects. At present, Aleva is the only emerging technology company to be awarded the CE-Mark for Deep Brain Stimulation. The Company will initiate direct sales through a post-market clinical follow-up study in select European neurological clinics.

The Company also announced it has raised USD 8 million in a first closing of a Series E financing round from existing and undisclosed new private investors. A limited additional amount of the round remains open to qualified investors. With its European market entry secured, the Company will now drive its efforts towards US market entry. The Company has been riding a wave of momentum driven by the uniqueness of its core technology and the major unmet needs in treating neurological disorders. Previously, the successful results of Aleva’s directSTN pilot study were published in *Brain* (DOI: 10.1093/brain/awu102) and strongly suggested the potential of directional stimulation in improving surgical outcomes. Earlier this year, Aleva announced the successful creation and funding of a joint venture with Dixi Medical SAS named Adept Neuro SA that aims to achieve regulatory approval for its core technology in the field of epilepsy surgery.

"The CE Mark is a significant milestone in Aleva’s development. Our Deep Brain Stimulation System incorporates first-in-class directional electrode technology with an easy-to-use patient programming interface that will enable functional neurosurgery teams to provide better outcomes for their patients. We have demonstrated that we can achieve and maintain technological leadership in our field, and we are now ready to expand our market in Europe while remaining focused on the US FDA regulatory process," said André Mercanzini PhD, CEO of Aleva Neurotherapeutics.

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About Aleva Neurotherapeutics

Aleva Neurotherapeutics is a spin-off from the Swiss Federal Institute of Technology in Lausanne (EPFL) Microsystems Laboratory of Prof. Philippe Renaud. Aleva Neurotherapeutics has so far raised over USD 50 million from renowned institutional investors, among them Forrestal Capital, Kinled Holding, BioMedPartners (through its BioMedInvest-II LP Fund), BB Biotech Ventures LP, Kreaxi and Initiative Capital Romandie, as well as from select private investors.

For more information, visit: www.aleva-neuro.com



About Deep Brain Stimulation

Deep brain stimulation (DBS) is approved worldwide for the treatment of Parkinson's disease (PD), essential tremor, dystonia, obsessive-compulsive disorder (OCD) and epilepsy. It is also under investigation for the treatment of a number of other conditions, including major depression. DBS is a therapy that relies on the delivery of mild electrical pulses to specific areas in the brain via an implanted lead connected to a battery-powered pulse generator placed in the patient's upper chest area. A physician is able to vary and control the stimulation delivered through the lead to the brain using an external, hand-held programmer. At present, DBS systems use leads with electrodes that send out electrical current in all directions, which can result in unwanted side effects.

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