



BioSerenity is a start-up specialized in wearable medical device solutions. Founded in January 2014, the company was incubated within the iPEPS. The headquarters is still located within the Brain and Spine Institute (icm-institute.org) at the heart of the largest university hospital in France: la Pitié-Salpêtrière in Paris. With offices in Lyon and Troyes, reaching more than 60 employees, the company is internationalizing and starting with branches in the United States: Atlanta, GA and Boston, MA.

Our objective is to solve three problems:

- Allow long term recordings without increasing patient burden or hospital costs.
- Reduce diagnosis errors that are due to lack of data or misinterpretation errors.
- Help patients to receive the appropriate right treatment as fast as possible.

BioSerenity tackles these challenges with the help of a rich ecosystem of partners available in particular through the iPEPS and the Institute. This unique environment allow us to collaborate with patient groups, academic centers, hospitals and industry.

BioSerenity is a fast growing company which combines high tech engineering, medical development and big data analytics. All our technical expertise (Textile, Mobile Application, Internet of Things, Artificial Intelligence), solutions and their applications (Diagnostic, Remote Diagnostic, Monitoring, Clinical Trials Monitoring) are detailed on our website: www.bioserenity.com

With over 12 national and international awards, BioSerenity has received the support of doctors and patients from all around the world. BioSerenity was recently listed in the 100 businesses with the most potential to influence, change or create new global markets, the DISRUPT 100 index is judged by global brands including AstraZeneca, KPMG, IBM, Silicon Valley Bank, tech accelerators Microsoft Ventures (www.disrupt100.com).

BioSerenity shares a common lab with the Brain and Spine Institute which aims at discovering and validating digital biomarkers of epilepsy. Composed of a mix of engineers and neurologists whose fields of expertise include machine learning, signal processing, neurophysiology and clinical practice, the Bioelectrics lab transfers research on epilepsy into actionable diagnostic tools.



About the Neuronaute®

The Neuronaute is the first solution for the diagnosis of epilepsy based on the use of a smart textile, a mobile application and a cloud platform. The system makes it possible to record physiological parameters continuously, including electroencephalography (EEG), and in an outpatient setting. The goal is to give neurologists a tool to get to the diagnosis of epilepsy faster.

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