BIOSerenity

PARTNER OFFER · HORIZON EUROPE HEALTH 2027

add eeg and ai to your study

Off-the-shelf and CE-marked: EEG recorded at home or in hospital, read by neurologists and by AI.

WHERE EEG FITS IN THE 2027 CALLS

TOOL-01 · AI predictive biomarkers
TOOL-08 · frontier AI models
DISEASE-14 · neurodegeneration trials
CARE-02 · adverse drug reactions
IND-02 · point-of-care diagnostics

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THREE REASONS TO BRING US INTO YOUR CONSORTIUM

01 CE-MARKED AI ALGORITHMS TO MATCH YOUR THERAPEUTIC AREAS

EPILEPSY	SLEEP DISORDERS	ENCEPHALOPATHY	ALL NEUROLOGY
Seizure detection CE	Sleep staging (EEG alone) CE	Encephalopathy classification CE	Normal/Abnormal EEG triage CE

EXPLORATORY DOWNSTREAM TASKS 66 tasks benchmarked on our Large Brain Model (LBM)

Pharmacology 16	Sleep medicine 10	Emerging uses 10	General EEG 9	Epilepsy 7
Critical care 4	Neurodegeneration 3	Psychiatry 3	Neurodevelopment 3	Brain injury 1

02 AN ALL-IN-ONE WEARABLE EEG MEDICAL DEVICE

- IceCap + Neuronaute: 72 h of wearable video-EEG at home, no hospital stay
- Cloud + Playback: remote review from any site
- Medical-device computing platform to run AI algorithms
- Certified: MDR, ISO 13485, IEC 62304

03 REAL-WORLD EEG DATA, AT SCALE

BiosLife: 100,000+ patients, clinical EEG with free-text reports.

Morpheus: 270,000+ patients, overnight sleep EEG, 200+ questionnaire answers.

Video-EEG: 100,000 h for AI training, 2,500 h triple-annotated by neurologists.

Models come to your project; patient data stays protected.

LBM: BIOSERENITY'S EEG FOUNDATION MODEL

learns a new task fast, with little data

Up to 20× less labelled data than conventional deep learning, for equivalent performance.

All our algorithms are built on it.

300+ hospitals and clinics

14 publications in 24 months

2014 founded at the Paris Brain Institute

RESEARCH PARTNERS
ERASME, Stanford University, AP-HP, CHRU Lille, CHRU Nancy