Regulating Pathological Neural Connectivity in Posttraumatic Stress Disorder

Fact Sheet

Project Information

PTSD Neurofeedback

Grant agreement ID: 897709

DOI
10.3030/897709

Funded under
EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost
€ 174 167,04

EU contribution
€ 174 167,04

Coordinated by
UNIVERSITAT WIEN

Start date
15 March 2020

End date
14 March 2022

Project terminated on 31 August 2020

Project description

A novel treatment for posttraumatic stress disorder

Exposure to a traumatic event often leads to posttraumatic stress disorder (PTSD), a psychiatric illness associated with trauma-related recollections and flashbacks. Emerging evidence indicates that in PTSD certain parts of the brain cannot regulate the generation of hyperactive emotions. Scientists of the EU-funded PTSD Neurofeedback project will investigate a treatment approach that improves the connectivity between emotion regulation and emotion generation regions of the brain.
This intervention will be based on a real-time functional MRI and tested in a randomised clinical trial, paving the way towards a new treatment for PTSD.

Fields of science

medical and health sciences > clinical medicine > psychiatry > posttraumatic stress disorder

Keywords

- Posttraumatic stress disorder
- neurofeedback
- real-time fMRI
- dynamic causal modelling
- psychiatry
- amygdala

Programme(s)

H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions
H2020-EU.1.3.2. - Nurturing excellence by means of cross-border and cross-sector mobility

Topic(s)

MSCA-IF-2019 - Individual Fellowships

Call for proposal

H2020-MSCA-IF-2019

See other projects for this call

Funding Scheme

MSCA-IF - Marie Skłodowska-Curie Individual Fellowships (IF)

Coordinator
UNIVERSITAT WIEN

Net EU contribution

€ 174 167,04

Address

Universitätsring 1
1010 Wien
Austria

Region

Ostösterreich > Wien > Wien

Links

Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding

€ 0,00

EC signature date 28 February 2020
Last update: 24 July 2023

Permalink: https://cordis.europa.eu/project/id/897709

European Union, 2023