

# VOLUNTEERS WANTED



The University of Maastricht has started a study regarding the effects of psilocybin on behavior and cognition. **We want to see if psilocybin changes what people pay attention to, even after the drug wears off.** We also want to know if these changes in attention are linked to feelings of anxiety, and changes in brain activity. For this study, we seek:

**Healthy people (18-40 years old) who have previously used a psychedelic drug (MDMA, truffles, magic mushrooms, LSD, DMT, ayahuasca), and who experience (mild) symptoms of anxiety and/or social anxiety in day-to-day interactions.**

Participation in this study includes one drug treatment administration, where you will receive psilocybin or placebo. During this day, you will be asked to complete computer tasks and questionnaires. Blood samples (via an intravenous cannula) will also be taken at various intervals. You will also be given time to relax and experience any drug effects. This testing day lasts approximately 7 hours.

After the drug treatment day, you will be asked to perform a short computer task each day for 4 days. You will perform this computer task in the lab on two of these days, whereas the other two days you will perform the computer task either from the lab or from home, during a video call with the researchers. On the days you perform the computer task in the lab, you will also be asked to give a single blood sample and a saliva sample. If you perform some of the test days at home, you will only be asked to give a saliva sample. Additionally, on one day you will complete a questionnaire and view a scenario in virtual reality. Each of these testing days lasts no longer than 1 hour.

A subset of participants will also be invited for 2 additional testing days of 2 hours each. During these testing days, you will be asked to lay in an MRI scanner, where your brain activity will be measured. All participants will complete questionnaires and a computer task 2 weeks, 1 month, and 3 months after the drug treatment. Each of these testing days lasts <30 minutes. Once getting into contact with us and deciding to participate, you'll need to sign a consent form. After this, you will be asked to complete drug, medical and behavioral questionnaires alongside a medical examination to check study eligibility. The medical examination lasts approximately 45 minutes, and will precede the dosing day. Total time investment for participation, including medical screening and testing days is 13.5 hours (or 17.5 hours if undergoing the additional MRI visits), spread out over about 14 weeks. **For full participation in the study, you will receive a fee of 176 Euros (228 Euros if undergoing the additional MRI visits)\*.**

\*In case of premature termination, the fee will be calculated based on the number of hours spent.

**MORE INFORMATION AND REGISTRATION:**  
Scan the QR code or send an email to:  
[fpn-psilo\\_attention@maastrichtuniversity.nl](mailto:fpn-psilo_attention@maastrichtuniversity.nl)

