Methods: A non-systematic review was performed on PubMed database and Google Scholar, using the key words "Ayahuasca, Drug Addiction, Psychedelics, DMT, Neuroplasticity". The review included experimental studies in humans, observational studies, systemic review articles and clinical trials.

Results: In a randomized placebo-controlled trial, ayahuasca had a significant antidepressant effect when compared to the placebo group. Long term ayahuasca usage was associated with structural alterations in the medial parts of the brain with no evidence of increased psychopathology or worse neuropsychological functioning. According to reviewed studies the incident of prolonged psychotic reaction among ayahuasca users is rare and the causal relation with ayahuasca is sometimes difficult to establish.

Conclusions: Despite the promising results, more controlled double-blinded studies with larger populations are necessary to better understand the therapeutic potentials and side effects of ayahuasca.

Disclosure: No significant relationships.
Keywords: Ayahuasca; psychedelics; DMT; drug addiction

EPV1691

Body Self-Perception and Sense of Agency: a systematic review of literature

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doi: 10.1192/j.eurpsy.2022.2261

Introduction: The sense of agency concerns the experience of controlling our actions, referring both to superior and lower levels of psychological functioning that are also related to the physical dimension of agency. Diverse clinical conditions affect the awareness of being a bodily and agentive self.

Objectives: The aim of this systematic review was to provide a comprehensive evaluation of the relationship between individual sense of agency and body perception.

Methods: PsycINFO, Psycharticle, Medline, Web of Science and Scopus were systematically searched for articles published until 19/10/2020.

Results: After removing duplicates, a total of 2.556 records was screened. Fifteen articles were selected based on the inclusion criteria fixed for the systematic review.

Conclusions: In the last decades, this line of research seems to attract a growing number of studies.

However, these studies are affected by a great heterogeneity in the investigation of both constructs.

Body perception and sense agency were operationalized across research in diverse ways, making the evaluation of the relationship between them very difficult. In addition, there is a paucity of studies investigating the relationship between body perception and agency among individuals suffering from specific psychopathology or physical diseases. According to literature review, the main objective for future research is to develop more robust approaches to estimate the variability of these constructs such as their relationship.

Disclosure: No significant relationships.
Keywords: Body Self-Perception; Sense of Agency; literature; review

EPV1692

Association between polygenic risk scores for psychiatric disorders and social cognition: a systematic review

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doi: 10.1192/j.eurpsy.2022.2262

Introduction: Social cognition refers to a complex set of mental abilities that support the construction of adequate social competence and adaptation. Impairments in social cognition can be found in several psychiatric disorders, particularly in psychoses. Polygenic Risk Scores (PRSs) represent single metrics of molecular genetic risk and are a predictor of the genetic susceptibility to diseases, although they explain only a small part of the risk.

Objectives: To explore the association between PRS for psychiatric disorders and social cognition.

Methods: We conducted a systematic search in PubMed and Scopus according to the PRISMA guidelines up to August 2021. We included papers evaluating PRS and social cognition with psychometric scales. Articles concerning single-nucleotide polymorphisms and biological measures of social cognition (e.g., neuroimaging, peripheral biomarkers) were excluded.

Results: We initially retrieved 150 articles. After removing duplicates, we screened 133 titles and abstracts and preliminary selected 19 papers. Participants recruited in the papers of interest were either people with schizophrenia, ASD or ADHD, their family members or healthy subjects. Articles evaluated the association between different psychometrical measures of social cognition and PRS for schizophrenia, Autism Spectrum Disorder and ADHD.

Conclusions: Literature regarding the association between PRS for psychiatric disorders and social cognition is heterogeneous in terms of populations, genetic risk evaluation, and outcome tools. Given the critical role played by social cognition in the onset and progression of mental disorders and its association with real-world functioning, future research should try to disentangle the complex genetic basis of this domain.

Disclosure: No significant relationships.
Keywords: social cognition; autism spectum disorder; Psychosis; Polygenic Risk Score

EPV1693

Hope-inspiring competence as a high-quality mental health nursing care in recovery-oriented practice

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doi: 10.1192/j.eurpsy.2022.2263

Introduction: Hope should be fostered by providing information to help service users develop an understanding of psychological difficulties and encourage an active role in their self-care. This

might include providing an open caring environment, nurse presence, comfort/pain relief, and involving patients in their care.

Objectives: To analyze the critical importance of hope-inspiring competence as a high-quality mental health nursing care in recovery-oriented practice.

Methods: This was a reflective and discursive study based on experiential aspects of hope in mental health recovery.

Results: Hope and hopelessness are important determinants of mental health. Hope has a positive influence on people's mental health, on increasing comfort and satisfaction with life and on reducing negative emotions and suicide, decreasing the predisposition to addiction, and preventing family exhaustion, with a predictive effect on subjective well-being and protection of mental health. The concept of hope-inspiring competence is introduced to denote a relatively high level of the Advanced Practice Psychiatric Nurses ability to instil and maintain hope for recovery in people with mental health disorders.

Conclusions: The evidence seems to point to the importance of incorporating hope in collaborative strategies to promote mental health and manage mental health disorders. Despite this recognition of the role of the specialist nurse in psychiatric-mental health in training for hope, the way it develops in the context of specialized practice lacks evidence and visibility. A vision of recovery from mental illness exists, and hope, trust and self-determination should be incorporated into all treatment models.

Disclosure: No significant relationships.
Keywords: Recovery; Hope; mental health nursing

EPV1694

Fake News and social Cognition During The SARS-COV-2 Pandemic: Initial Approach Towards understanding Belief In Misinformation

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doi: 10.1192/j.eurpsy.2022.2264

Introduction: Infodemic is a new term which refers to rapidly spreading information from both reliable and unreliable sources in the form of news and publications regarding the COVID-19 pandemic, which requires proper management strategies on its own to prevent the spread of fake news. This is especially relevant in a global state of alert where the fear of contagion is a common denominator and is reflected upon people's behaviors within a crisis context. Van Bavel et al (2020) affirm "Emerging research is using social science to understand and counter the spread of fake news", and furthermore emphasize on the limitations of Fact Checking as the main approach to hinder such spread

Objectives: Test the association between sociomoral cognition, religiousness and political identity, and belief in COVID-19 Fake News.

Methods: Online-based survey applied through opportunity sampling. Demographic variables political and religious orientation, RMET and B-IRI, and two dimensional utilitarian dilemmas were used and independent variables, and a selection of true and fake news in order to measure participants' belief in the latter as a dependent variable.

Results: Morality ($R2 = 0.08$, $p < 0.001$), social cognition ($R2 = 0.05$, $p < 0.05$), and political and religious orientation ($R2 = 0.1$, $p < 0.000001$) predicted belief in COVID-19 fake news. On the other hand, no variables were found to predict belief in fake news unrelated to the pandemic.

Conclusions: Higher impartial beneficence and more years of formal education point toward an evidence-based reasoning, while religiousness and affinity with right-wing ideals has been associated with intuition-based reasoning, thus affecting judgement accuracy.

Disclosure: No significant relationships.
Keywords: Covid-19; Fake News; Politics; social cognition

EPV1696

Paroxetine-induced galactorrhea

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doi: 10.1192/j.eurpsy.2022.2265

Introduction: Antidepressant-induced galactorrhea and increases in prolactin levels have been sporadically reported among SSRI-related side effects.

Objectives: Current rapport presents a case of 39 y.o. female who developed several adverse effects on paroxetine - including galactorrhoea - which improved on discontinuation of the drug.

Methods: Case discussion of 39-year old woman who was treated with paroxetine for her panic disorder and developed galactorrhoea with hyperprolactinemia that resolved upon discontinuation of the drug. Additionally, authors performed the literature search using PubMed and Embase to review the similar cases and used PDSP Database to assess the latest pharmacodynamic (PD) properties of paroxetine and other SSRI's.

Results: Literature review (1966–2020) revealed 24 prior published case reports of SSRI-induced galactorrhea in users of paroxetine (n=4), escitalopram (n=4), sertraline (n=2), citalopram (n=2), fluoxetine (n=3), fluvoxamine (n=2) and other non-assessable reports (n=7). Elevated prolactin levels were mostly observed with paroxetine and escitalopram and rarely with fluoxetine, fluvoxamine and sertraline. PD-assessment showed the highest binding affinity of paroxetine and escitalopram to SERT (kPi = 0.07-0.2 and 0.8-1.1 nmol/L respectively) compared to other SSRI's, in absence of other relevant PD-properties

Conclusions: Increasing body of evidence shows that galactorrhea does occur among paroxetine female users. Pharmacodynamic mechanism of action is poorly understood but given the modern insights in relationship in serotonin and dopamine circuits, we suggest that strong SERT inhibitory properties of paroxetine might lead to a tonic suppressive influence on dopamine neurotransmission. This physiological link may explain an increase in prolactin levels through dopamine depletion in the tuberoinfundibular pathway.

Disclosure: No significant relationships.
Keywords: Galactorrhea; Paroxetine; Case discussion; Literature review