classic psychedelics has reinitiated interest in the treatment of both cancer-related distress and addiction, with really promising results.

Objectives: We aim to provide a review about history and new insights regarding research with psychedelics specially as treatment of addictive disorders.

Methods: A framing analysis of articles, searched on Pubmed (articles between 2010-2020) with the key words: " psychedelics", "psilocybin", "substance use disorder", "addiction".

Results: Classic psychedelics are 5HT2AR agonists such as LSD, mescaline, and psilocybin. They were shown to occasion mystical experiences, which are experiences reported throughout different cultures and religions involving a strong sense of unity. These experiences are scientifically important because they appear to cause abrupt and sustained changes in behavior and perception, that can be very useful in the substance use disorder field. From this analysis is possible to understand that the use of psychadelics in the treatment of some addictions is currently at an early stage of research. However, they show interesting results with no clinically significant adverse events when risk individuals are excluded.

Conclusions: In comparison to psychedelic research about cancer-related psychological distress, studies with addictions are less developed, but if they continue to suggest safety and efficacy, may be the use of psilocybin for the treatment of specific addiction can happen in a close future.

Keywords: psychedelics; Addiction; Substance Use Disorder

EPP1375

Childhood risk factors for substance abuse in a clinical sample of adults with attention-deficit / hyperactivity disorder (ADHD) symptoms in an addiction outpatient clinic

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doi: 10.1192/j.eurpsy.2021.1537

Introduction: Substance use disorder (SUD) in patients with ADHD symptoms is associated with a poorer treatment prognosis. The study is aimed to investigate psychosocial risks factors for developing SUD in patients with ADHD.

Objectives: To examine the associations between self-reported weak academic performance, repetition of a grade, single – parent family, self-reported quality of parent – child relationship, conduct problems in childhood and SUD in adulthood in a sample of outpatients with ADHD symptoms of an addiction medicine clinic in Riga, Latvia.

Methods: Self-report surveys, containing Adult ADHD Self-Report Scale (ASRS-v I.I), were completed by outpatients of addiction clinic, including healthy control subjects (adults without addiction, formally assessed for fitness to drive, firearms licensing etc.). Patients then were examined in relation to childhood risk factors.

Results: Survey was compleated by 341 outpatients – 98 (28,7%) healthy controls and 243 (71,3%) patients with SUD (mean age, 36,8 and 37,7, respectively; 76,4% males). 62 (18,1%) patients were tested positive for ADHD, of whom 12 (19,4%) were healthy sub-

jects and 50 (80,6%) were with SUD. Data shows connection between conduct problems in childhood (p=0,010), single - parent family (p=0,010), repetition of a grade (p=0,026) and SUD in adults with ADHD symptoms. Comparing patients with and without ADHD symptoms, there was found no significant association between these factors, except for conduct problems (p=0,015).

Conclusions: The study found preliminary evidence that adults with ADHD symptoms who experienced single – parenthood in childhood, had conduct problems or repeated a grade are more likely to develop SUD. Futher investigation is required.

Keywords: Substance Use Disorder; Attention-deficit / Hyperactivity disorder (ADHD)

EPP1379

Relationship between online cognition and personality traits: A questionnaire based study of medical college students.

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doi: 10.1192/j.eurpsy.2021.1538

Introduction: Current classification systems are not sure where to place the internet use disorder. Is it an addiction, an impulse control disorder, a consequence of another psychiatric morbidity or a consequence of personality trait/personality disorder?

Objectives: We intended to study which personality traits associated with online cognition may contribute towards Problematic internet use(PIU). We also analysed the relationship between number of hours of use/week of internet and PIU along with its relation with two 'screening' questions.

Methods: Online cognition scale and Abbreviated Eysenck Personality questionnaires were our measurements of choice in addition to demographic measures and some questions pertaining to online behaviour patterns.

Results: Total 163 responses were analysed. The demographic pools consisted mostly of young adults who had, on average, used the internet for 5.2 years at present rate of 21.81hours/week. We observed significantly higher mean OCS scores in men, in people who thought that the internet interfered with their lives and in those who felt the need to 'cut-down'. A moderate positive and significant correlation was observed between hpurs/week of internet use and OCS scores. Also, significant positive correlation was observed between Neuroticism and OCS, impulsivity, and loneliness/depression scores. Significant negative correlations were observed between the Lie trait and impulse control. Neuroticism and Lie together contributed to 21.8% of variance in OCS scores.

Conclusions: Neuroticism and Lie traits (representing need for social acceptance) were found to the causing significamn varience in the OCS scores of the subjects. High number of hours/week use of internet was related to the feeling of 'need to cut down use'.

Keywords: online cognition scale; process addiction; Internet addiction; personality traits