
FEMNAT-CD: 4TH GENERAL ASSEMBLY MEETING IN BUDAPEST

daacro's Saliva Lab Trier (SLT) is partnering as a SME within a research project "Neurobiology and Treatment of Adolescent Female Conduct Disorder: The Central Role of Emotion Processing" (FemNAT-CD). The project is funded by the European Commission's 7th Framework Health program and focuses on conduct disorder (CD) among children and adolescents with a special focus on specific needs of CD girls. February 08-10, 2017 the consortium of 17 European partners from 8 nations met in Budapest, Hungary. The three-day program was filled with talks and poster presentations reflecting the current state of the project. The aim of this 4th meeting was to share and discuss first results and to further plan publications and next steps.



FemNAT-CD is a multi-disciplinary study that plans recruiting 1,840 children and teenagers aged from 9 to 18 years from across Europe (including the UK, Germany, Ireland, Switzerland, the Netherlands, Spain, Greece and Hungary). The project will study similarities and differences between boys and girls in brain structure and function, hormone levels, genetics, emotion recognition and regulation, and physiological activity. In addition, interviews will be conducted with children and their parents to ask about the child's health and behavior, trying to understand the impact of environmental factors on well-being.

Studies investigating the prevalence of mental health problems in residential care populations indicate that conduct disorder is one of the most frequent diagnoses. CD is characterized by repetitive and chronic aggressive and antisocial behavior and severe problems in emotion regulation and impulse control. A variety of implications exist, some of the most major problems are school refusal, social communication problems, difficulties with reintegrating into work life or legal involvements. Frequently associated comorbid psychiatric disorders such as depression, anxiety disorders and ADHD oftentimes further aggravate adolescents' development.

Now, after three years of this ongoing project, approx. 1500 patients and controls have been enrolled and their baseline data is available. In addition, 50 participants completed the second visit 18 months later.

Until the project ends in February 2018, the participating study sites will continue to screen and further include patients, to achieve a solid data base for generating reliable statements on how to further develop intervention approaches that target the improvement of interpersonal functioning, anger management and social skills in conduct disorder.

daacro's Saliva Lab Trier participates in this research project by consulting on all sampling related questions, organization of sample materials, analyzing the samples, conveyance of data, and also support in biostatistics. The study population's saliva is tested for the following hormones: alpha amylase, cortisol, DHEA-S, estradiol, progesterone, and testosterone. As a center of excellence for Salimetrics, USA, the Saliva Lab Trier uses their assays for this project. Salimetrics is widely regarded as a global leader in salivary bioscience and therefore the collaboration with daacro's CRO and Saliva Lab provides solid science of saliva: A tools customers and partners of the Saliva Lab Trier can count on to get reliable assay results in saliva research and diagnostics.

For further informationen about the FemNAT-project:

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