

Report of the institution's activity in 2022

This year also resulted in numerous outcomes of the ICASA group's work. These include:

Network Meeting:

On June 7th till 9th, during the three-day event in Paris, ICASA members gathered to discuss advances and developments within the ICASA network. On the first day updates were given from both the board and ongoing projects. The second day started with brainstorming future direction of ICASA and continued into talks and discussions about the latest findings from the ongoing studies. This included presentations by the French ADHD group. The discussion followed by project-based group work in parallel sessions: the Adolescent WG, IASP gender WG, INCAS protocol WG, Academic Exchange program Paris WG and Genetics WG. At the end of the day members gathered for a cultural activity and a joint dinner.

On the third day a symposium on ADHD and Substance Use Disorders was held by several members of ICASA. It consisted of 7 interesting sessions:

- Diagnosis, prevalence and comorbidity in treatment seeking patients with addiction and ADHD: Results from the ICASA studies (ICASA work, IASP, INCAS etc.) by *Prof. Johan Franck*
- Clinical talk on diagnosis and treatment (including the consensus statement, with attention on the recently published French version) by *Prof. Frieda Matthys*
- Mechanisms focusing on genetics and heritability by *Prof. J. Antoni Ramos-Quiroga*
- State and trait effects of substance abuse on reward processing in ADHD by *Prof. Arnt Schellekens*
- Prevention of substance use in ADHD by *Prof. Wim van den Brink*
- Current state of care on ADHD and SUD in France, this medication debate and how it progresses) by *Dr. Etienne Kammerer, M.D., addiction specialist*
- Patient perspective on ADHD and SUD, including the survey that was recently carried out) by *Patients' Associations*

Three Board Meetings:

20th January - During which, the financial report for previous year was discussed and approved. In addition the plan of activities for 2022 was discussed.

7th June – during this meeting ICASA board discussed current financial situation and annual planning

02nd November – during this meeting, the board discussed and approved budget for 2023 and planned activities for 2023. These included Network meeting in February, and tentative in person meeting in the summer 2023 planned for June.

This year also resulted in numerous publications:

- López-Toro, E., Wolf, C. J., González, R. A., van den Brink, W., Schellekens, A., Vélez-Pastrana, M. C., & AFP Working Collaborative Group. (2022). Network analysis of DSM symptoms of substance use disorders and frequently co-occurring mental disorders in patients with substance use disorder who seek treatment. *Journal of Clinical Medicine*, 11(10), 2883.

- Coetzee, C., Schellekens, A. F., Truter, I., & Meyer, A. (2022). Effect of past pharmacotherapy for attention-deficit/hyperactivity disorder on substance use disorder. *European Addiction Research*, 1-10.
- Brynte, C., Aeschlimann, M., Barta, C., Begeman, A. H. A., Bäcker, A., Crunelle, C. L., ... & Franck, J. (2022). The clinical course of comorbid substance use disorder and attention deficit/hyperactivity disorder: protocol and clinical characteristics of the INCAS study. *BMC psychiatry*, 22(1), 1-8.
- Spijkerman, R., Crunelle, C. L., Özgen, M. H., Begeman, A. H. A., Dom, G., van de Glind, G., ... & Hendriks, V. M. (2021). Adolescents with concurrent ADHD and substance use disorder; international consensus. *Tijdschrift Voor Psychiatrie*, 63(12), 868-874.

INCAS Project

The work on the INCAS study continued and more subjects had been included. The teams stayed motivated and in the most recent count N=549 were included. The follow up recruitment still continues, and until now 60% three month follow up and 40% the 9 month follow up. These follow-up numbers will still go up.

IASP-Genetics Project

The IASP-Genetics-project moved forward, after raising sufficient budget. The genotyping from all different participating countries has been performed. It is ready and now it is being checked. After that, the data is will be ready for analysis. The plan of the analysis will be discussed during the meeting in 2023.