

Report of the institution's activity in 2021

Despite the restrictions resulting from COVID-19 this year also resulted in numerous outcomes of the ICASA group's work. These include:

Network Meeting:

On 20th April, during the half-day event ICASA members gathered to discuss advances and developments within the ICASA network. The meeting started with talks and discussions about the latest findings from the ongoing studies. This included presentations by Christoffer Brynte on The INCAS project and Renske Spijkerman on the INCAS adolescence project. The discussion followed by project-based group work in five parallel sessions: the Adolescent WG, IASP gender WG, INCAS protocol WG, Academic Exchange program Paris WG and Genetics WG. This followed a short wrap up and concluding remarks. At the end of the day members gathered for social activity, and exercised their team building skills in a digital escape room.

Three Board Meetings:

16th February - During which, the financial report for previous year was discussed and approved. In addition the plan of activities for 2021 was discussed.

20th April – during this meeting ICASA board discussed current financial situation and annual planning

02nd November – during this meeting, the board discussed and approved budget for 2022 and planned activities for 2022. These included Network meeting in January, and tentative in person meeting in the summer 2022 planned for June.

This year also resulted in numerous publications:

- Özgen, Heval, Renske Spijkerman, Moritz Noack, Martin Holtmann, Arnt S. A. Schellekens, Geurt van de Glind, Tobias Banaschewski, Csaba Barta, Alex Begeman, Miguel Casas, Cleo L. Crunelle, Constanza Daigre Blanco, Søren Dalsgaard, Zsolt Demetrovics, Jacomine den Boer, Geert Dom, Valsamma Eapen, Stephen V Faraone, Johan Franck, Rafael A. González, Lara Grau-López, Annabeth P. Groenman, Malin Hemphälä, Romain Icick, Brian Johnson, Michael Kaess, Máté Kapitány-Fövény, John G. Kasinathan, Sharlene S. Kaye, Falk Kiefer, Maija Konstenius, Frances R. Levin, Mathias Luderer, Giovanni Martinotti, Frieda I. A. Matthys, Gergely Meszaros, Franz Moggi, Ashmita P. Munasur-Naidoo, Marianne Post, Sharon Rabinovitz, J. Antoni Ramos-Quiroga, Regina Sala, Abu Shafi, Ortal Slobodin, Wouter G. Staal, Rainer Thomasius, Ilse Truter, Michiel W. van Kernebeek, Maria C. Velez-Pastrana, Sabine Vollstädt-Klein, Florence Vorspan, Jesse T. Young, Amy Yule, Wim van den Brink, and Vincent Hendriks. (2021). Internationale Konsenserklärung zu Screening, Diagnostik und Behandlung von Jugendlichen und

Heranwachsenden mit Aufmerksamkeitsdefizit-/Hyperaktivitätsstörung und gleichzeitigen Störungen durch Substanzgebrauch, *Zeitschrift Für Kinder- Und Jugendpsychiatrie Und Psychotherapie*.

- Dikkat Eksikliği Hiperaktivite Bozukluğu ve Madde Kullanım Bozukluğu Eş Tanısı Olan Ergenlerin Taranması, Tanısı ve Tedavisi için Uluslararası Fikir Birliği Beyanı - International Consensus Statement for the Screening, Diagnosis, and Treatment of Adolescents with Concurrent Attention Deficit Hyperactivity Disorder and Substance Use Disorder (2021) *Turk J Child Adolesc Ment Health*, 28(2):79-88
- Paraskevopoulou, M., van Rooij, D., Batalla, A., Chauvin, R., Luijten, M., Schene, A. H., Buitelaar, J. K., & Schellekens, A. (2021). Effects of substance misuse on reward-processing in patients with attention-deficit/hyperactivity disorder. *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*, 46(3), 622–631. <https://doi.org/10.1038/s41386-020-00896-1>
- Paraskevopoulou, M., van Rooij, D., Schene, A. H., Chauvin, R., Buitelaar, J. K., & Schellekens, A. (2021). Effects of substance misuse on inhibitory control in patients with attention-deficit/hyperactivity disorder. *Addiction biology*, e13063. Advance online publication. <https://doi.org/10.1111/adb.13063>
- Faraone, S. V., Banaschewski, T., Coghill, D., Zheng, Y., Biederman, J., Bellgrove, M. A., ... Wang, Y. (2021, September 1). The World Federation of ADHD International Consensus Statement: 208 Evidence-based conclusions about the disorder. *Neuroscience and Biobehavioral Reviews*. Elsevier Ltd. <https://doi.org/10.1016/j.neubiorev.2021.01.022>
- Spijkerman R, Crunelle CL, Özgen MH, Begeman AHA, Dom G, van de Glind G, Groenman AP, van Kernebeek MW, Matthys F, Post M, Schellekens A, Staal W, van den Brink W, Hendriks VM. Jongeren met een stoornis in het gebruik van middelen en ADHD: internationale consensus [Adolescents with concurrent ADHD and substance use disorder; international consensus]. *Tijdschr Psychiatr*. 2021;63(12):868-874. Dutch. PMID: 34978058.
- Özgen H, Spijkerman R, Noack M, Holtmann M, Schellekens A, Dalsgaard S, van den Brink W, Hendriks V. Treatment of Adolescents with Concurrent Substance Use Disorder and Attention-Deficit/Hyperactivity Disorder: A Systematic Review. *J Clin Med*. 2021 Aug 30;10(17):3908. doi: 10.3390/jcm10173908. PMID: 34501355; PMCID: PMC8432200.
- Abdellaoui A, Smit DJA, van den Brink W, Denys D, Verweij KJH. Genomic relationships across psychiatric disorders including substance use disorders. *Drug Alcohol Depend*. 2021 Mar 1;220:108535. doi: 10.1016/j.drugalcdep.2021.108535. Epub 2021 Jan 19. PMID: 33524898.

INCAS Project

The work on the INCAS study continued and more subjects had been included, despite the restrictions due to pandemic. 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 2022.