

Israeli Meeting for Autism Research 2022

16/02/2022

Abraham Ben David Oahyon Behavioral Sciences Complex (Building 98, Hall 1)



How can research cope with the vast heterogeneity of autism?

8:30-9:00 Registration and light breakfast

9:00-9:20 Greetings:

University delegates, Soroka Medical Center, Azrieli Foundation, Ministry of Science and Technology

9:20-9:30 Update regarding the Azrieli National Centre for Autism and Neurodevelopment Research -

Prof. Ilan Dinstein, Psychology Department, Ben Gurion University of the Negev

9:30-11:00 Keynote lectures (45 minutes per speaker)

Prof. Sven Sandin, Seaver Autism Center, Icahn School of Medicine at Mount Sinai, NY, USA

Prof. Diana Robins, Autism Institute, Drexel University, Philadelphia, USA

11:00-11:30 Coffee break

11:30-13:10 Morning lectures session

Group A: Risk Factors (building 92, hall 1)

Estimating longitudinal changes in autism severity using automated speech analysis, Marina Eni, Ben Gurion University of the Negev.

Classifying ASD causal genes based on Intrinsic disordered regions, Shula Shazman, The Open University of Israel.

Association between ultrasonography fetal anomalies and ASD, Ohad Regev, Ben Gurion University of the Negev.

Antenatal thyroid hormones imbalance and risk of ASD, May Weinberg, Ben Gurion University of the Negev.

Precision genetic based treatments for Autism related disorders: hope and disappointment mediated by placebo effect, Lidia Gabis, Maccabi Healthcare Services.

Group B: Early Development (building 90, hall 2)

Factors affecting utilization of health promoting treatments for children with ASD, Shay Meisels Eran, Ben Gurion University of the Negev.

A comparison of social behaviors among preschoolers with vision impairment, ASD and typical development, Zili Nir, The Hebrew University of Jerusalem.

The association between restricted and repetitive behaviors and adaptive functioning, Shir Rozenblat, The Hebrew University of Jerusalem.

Identifying autism symptom severity trajectories across childhood, Einat Waizbard Bartov, University of California Davis.

Parental expressed emotion, parenting stress, and behavioral problems of young children with 22q11.2 deletion syndrome and idiopathic ASD, Yaffa Serur, Sheba Medical Center Tel Hasomer.

13:10-14:30 Lunch break and poster session (building 98, hall 1)

14:30-16:15 Afternoon session

Group A: Mechanisms (building 92, hall 1)

Rescue of a neurodevelopmental disorder with fever, Andrew Levy, Technion Faculty of Medicine.

NAP, an experimental compound, which has received orphan drug and pediatric rare disease designations from the FDA, displays effectiveness in treating symptoms of Autism, Illana Gozes, Tel Aviv University.

Mutation in the spliceosome subunit, WBP4, causes syndromic autism spectrum disorder, Maayan Salton, The Hebrew University of Jerusalem.

Changes in the inhibitory system associated with the Mthfr gene deficiency in the brains of newborn mice, Danielle Barda, Ben Gurion University of the Negev.

Microbiome analysis of individuals with Autism in Israel, Evan Elliott, Bar Ilan University.

Group B: Adolescents & Adulthood (building 92, hall 2)

Knowledge and needs of teachers and professionals working with school children with autism regarding attention in autism, Lilach Shalev-Mevorach, Tel-Aviv University.

Work-related psychological needs and job satisfaction of autistic adults: the mediating role of self-determined work motivation, Yael Goldfarb, Ben Gurion University of the Negev.

Are developmental trajectories from toddlerhood to adolescence in ASD related to social relationship competence? Ronit Saban, Ariel University.

Eye-gaze is superior to pointing and uncovers hidden literacy in minimally verbal ASD, Keren Ellert, Bar Ilan University.

16:15-16:45 Coffee break (building 98, hall 1)

16:45-17:30 Keynote lecture (building 98, hall 1)

Prof. Francesca Happé – Social Genetic & Developmental Psychiatry Department, King's College of London, UK

17:30-18:30 Discussion with guests - Does the current definition of ASD help or debilitate meaningful research?

Preface by **Prof. Yonata Levy**

Experts panel discussion

19:00-21:00 Festive dinner (building 71, Senate Hall)

