



The 31th ISFN Annual Meeting

12-14 January, 2025
Dan Hotel | Queen Of Sheba Hotel, Eilat



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| First Name | Last Name | Abstract Topics | Title | Board Number | Date |
|--------------|------------|---|--|--------------|----------------|
| Keinan | Poradosu | Coding and decision making : Motor planning | Relating Dynamics of Hidden Neural States in Canary HVC to Changes in Their Song Syntax | 1 | Sunday 12/01 |
| Mohammad | Tamimi | Coding and decision making : Motor planning | Investigation of pathway downstream of striatum reveals potential non-canonical role of SNr in behavioral initiation | 2 | Sunday 12/01 |
| Ori | Hendler | Cognition : Decision Making | Winner-take-all fails to account for pop-out accuracy | 3 | Sunday 12/01 |
| Shai | Yellinek | Cognition : Decision Making | Continuous decision making in a closed-loop auditory navigation task | 4 | Sunday 12/01 |
| Tal | Finkelman | Cognition : Decision Making | INHIBITION MEDIATES THE ROLE OF THE dACC DURING GAIN AND LOSS MOTIVATED LEARNING | 5 | Sunday 12/01 |
| Shir | Maimon | Cortical and hippocampal circuits in Navigation : | Sparse versus dense coding of very large environments in hippocampal subregions CA3 and CA1 | 6 | Sunday 12/01 |
| Inbal | Gur Arie | Cognition : Decision Making | A NOVEL TOOL FOR MEASURING THE CONTINUOUS CHANGES IN VALUE | 7 | Sunday 12/01 |
| Asaf | Madar | Cognition : Decision Making | NEURAL ASYMMETRIC REPRESENTATIONS PREDICT THE DECOY EFFECT | 8 | Sunday 12/01 |
| Yoav | Levy | Cognition : Decision Making | Thalamo-cortical circuit dynamics underlying skilled performance of mice | 9 | Sunday 12/01 |
| VISHNU PRIYA | SAMPATH | Cognition : Decision Making | QUICK MINDS: INVESTIGATING THE ACCELERATION OF NEURAL PROCESSES IN AUTISM | 10 | Sunday 12/01 |
| Itay | Bleichman | Cognition : Decision Making | Visual-Based Collective-Motion: The Key Visual Attributes Affecting Desert Locust Marching | 11 | Sunday 12/01 |
| Haneen | Rajabi | Cognition : Decision Making | THE ORBITOFRONTAL CORTEX CONTRIBUTES TO LATENT STATE INFERENCE AND CONTEXT ADAPTATION IN MICE | 12 | Sunday 12/01 |
| Nikol | Keren | Cognition : Decision Making | Toward investigation of the neural basis of social decision-making | 13 | Sunday 12/01 |
| Shir | Angel | Cognition : Decision Making | The effects of feedback on visual and vestibular heading discrimination | 14 | Sunday 12/01 |
| Rola | Farah | Cognition : Language | Differentiating Reading Gains in Children with ADHD and Children with Reading Difficulties Using fMRI Data | 15 | Sunday 12/01 |
| Ella | Magen | Cognition : Language | Neural Tracking of Acoustic and Linguistic Features of Spoken Hebrew | 16 | Sunday 12/01 |
| Eldad | Keha | Cognition : Language | What Triggers Task Conflict? Evidence From The Stroop Task | 17 | Sunday 12/01 |
| Azhar | Badarneh | Cognition : Language | GREATER BRAIN-TO-BRAIN SYNCHRONIZATION DURING STORYTELLING IN SPOKEN VS LITERARY ARABIC: AN EEG STUDY | 18 | Sunday 12/01 |
| Tamir | Scherf | Cognition : Value representation | Revealing Neural Mechanisms of Learning from Positive and Negative Feedback Using Deep Reinforcement | 19 | Sunday 12/01 |
| Anat | Leibovici | Cognition : Value representation | THE ROLE OF THE CEREBELLUM IN FLUID INTELLIGENCE: AN FMRI STUDY | 20 | Sunday 12/01 |
| Tal | Dalal | Cognition : Value representation | Orbitofrontal cortex projections mediate neuronal probability estimation in the piriform cortex | 21 | Sunday 12/01 |
| Daniel | Mandelbaum | Cognition : Value representation | Priming whole-oriented vs. detail-oriented processing transfers across different tasks and sensory modalities | 22 | Sunday 12/01 |

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| Reuven | Lifshitz | Cortical and hippocampal circuits in Navigation : | Auditory representations of place and identity for others in the primate hippocampus | 23 | Sunday 12/01 |
| Saikat | Ray | Cortical and hippocampal circuits in Navigation : | Neurobiology of navigation in the real world: Hippocampal spatial codes in bats navigating outdoors on a remote oceanic | 24 | Sunday 12/01 |
| Shaked | Palgi | Cortical and hippocampal circuits in Navigation : | Neurobiology of navigation in the real world: Head-direction cells serve as a neural compass in bats navigating outdoors | 25 | Sunday 12/01 |
| Michal | Rubin | Cortical and hippocampal circuits in Navigation : | Simultaneous calcium and voltage Imaging in excitatory and inhibitory neurons in the mouse hippocampus | 26 | Sunday 12/01 |
| Yishai | Gronich | Cortical and hippocampal circuits in Navigation : | MULTI-MODULE GRID CELLS IN THE MEDIAL ENTORHINAL CORTEX | 27 | Sunday 12/01 |
| Daniel | Zur | Cortical and hippocampal circuits in Navigation : | Context dependent Spatial Representations in the Hippocampus | 28 | Sunday 12/01 |
| Michal | Dobner Ives | Development: : Development of Motor, Sensory, and Limbic Systems | MECHANISMS INVOLVED IN THE DEVELOPMENT OF SENSORIMOTOR SYNCHRONIZATION SKILLS | 29 | Sunday 12/01 |
| Ayelet | hallakoun | Disease models | Can zebrafish scuba dive? The effect of hyperbaric oxygen on the brain | 30 | Sunday 12/01 |
| Tamar | Azrad Leibovitch | Disease models | A new rat model for retinal degeneration: The GCaMP6f+/- RCS-/- Rat | 31 | Sunday 12/01 |
| Kfir | Warshawsky | Disease models | Site specific RNA editing as a therapeutic approach for STXBP1-Encephalopathy | 32 | Sunday 12/01 |
| Shira | Planer | Motor systems : Subcortical: basal ganglia | Region-Specific Dopamine Depletion Differentially Alters Stereotypic Behaviors in the Striatum | 33 | Sunday 12/01 |
| Michal | Lapidot | Disease models | Exploring MeCP2's Role in DNA Damage Repair and Its Implications for Rett Syndrome | 34 | Sunday 12/01 |
| Ashwani | Choudhary | Disease models | Exosomes can modulate the early hyperexcitability in cortical neurons with ASD-associated Shank3 mutation | 35 | Sunday 12/01 |
| Renana | Terner | Disease models | Brain-wide neuronal network in Autism-like mice model compared to WT mice | 36 | Sunday 12/01 |
| Roey | Raved | Disease models | ELUCIDATING THE CELLULAR FUNCTIONS OF TIMM50, A MITOCHONDRIAL TRANSPORT PROTEIN, IN NEURONS AND ASTROCYTES | 37 | Sunday 12/01 |
| Reut | Suliman Lavie | Disease models | The involvement of amygdala neurons in sex-specific social abnormalities of Pogz+/- mice | 38 | Sunday 12/01 |
| Shira | Leibovitch | Disease models | Zebrafish model for the neurodevelopmental disorder iqsec2-deficiency | 39 | Sunday 12/01 |
| Bisan | Saleh | Disease models | Developing a genetic treatment for GRIN2B disorders using transgenic mouse and rat models. | 40 | Sunday 12/01 |
| Noy | Krugliak | Disease models | ABERRANT DEVELOPMENT AND ECM DEPOSITION IN FRAGILE X BRAIN ORGANOID | 41 | Sunday 12/01 |
| Flavio | Schmidig | Learning and memory : Behavior | Uncoupling memory tasks from language: linking anticipatory gaze effects and explicit memory reports | 42 | Sunday 12/01 |
| Julia E. | Manoim | Sensory systems : Chemosensation | Enhancing Odor Separation: Intraglomerular Excitation and Interglomerular Inhibition | 43 | Sunday 12/01 |
| Mousa | Karayanni | Learning and memory : Behavior | Neural correlates of fast, few-shot learning in the orbitofrontal cortex of freely-moving rats | 44 | Sunday 12/01 |



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| Naama | Friedman | Learning and memory : Behavior | Neuroplasticity-based parcellation of the brain - a continuous diffusion MRI study | 45 | Sunday 12/01 |
| Tzliil | Shmuel | Learning and memory : Behavior | Impacts of Direct and Indirect Fear Exposure on Memory and Intergenerational Trauma | 46 | Sunday 12/01 |
| Olga | Kreichman | Learning and memory : Behavior | IMAGES THAT ARE MORE "FACE-LIKE" ARE BETTER REMEMBERED DURING NATURALISTIC ENCODING | 47 | Sunday 12/01 |
| Hofit | Azrad | Learning and memory : Behavior | IMAGE MEMORY DURING NATURALISTIC ENCODING IS NOT ADVERSELY AFFECTED BY AGE IN ADEPT PARTICIPANTS | 48 | Sunday 12/01 |
| Reout | Dayan | Learning and memory : Behavior | DURING MORE NATURALISTIC ENCODING VISUAL MEMORY IS SUSCEPTIBLE TO MULTIPLE INFLUENCES | 49 | Sunday 12/01 |
| Naomi | Chicco | Learning and memory : Behavior | Image memory capacity during naturalistic encoding is much lower than previously assumed | 50 | Sunday 12/01 |
| Shaimaa | Masarwa | Learning and memory : Behavior | Image size and exposure time affect memory but not perception performance | 51 | Sunday 12/01 |
| Sun | Terletsky | Learning and memory : Behavior | Lost in translation: ego-allo reference frame transformation is distinct from allo-ego translation | 52 | Sunday 12/01 |
| Aviel | Sulem | Learning and memory : Behavior | Contractive and repulsive perceptual biases as a function of reaction time | 53 | Sunday 12/01 |
| Ayalla | Aharoni | Learning and memory : Behavior | Molecular Mechanisms of Drive Accumulation: Role of Orb2 Protein in Behavior Regulation | 54 | Sunday 12/01 |
| Yahel | Grama | Learning and memory : Behavior | COLOR INCREASES IMAGE MEMORY DURING NATURALISTIC ENCODING | 55 | Sunday 12/01 |
| Yehuda | Bergstein | Learning and memory : Behavior | Insight learning in a maze | 56 | Sunday 12/01 |
| Jie | Yang | Learning and memory : Behavior | DYNAMICS OF SERIAL DEPENDENCE DURING LEARNING | 57 | Sunday 12/01 |
| Yael | Pollak | Learning and memory : Behavior | Cortex-wide laminar differences during learning | 58 | Sunday 12/01 |
| Reni | Kalfin | Learning and memory : Cellular mechanisms | Memory recovery effect of innovative combination in Alzheimer's dementia | 59 | Sunday 12/01 |
| Amira | Farhat | Learning and memory : Cellular mechanisms | THE ROLE OF INTERSECTIN-1 IN PREFRONTAL CORTEX SYNAPSES IN THE BASOLATERAL AMYGDALA IN FEAR MEMORY EXTINCTION | 60 | Sunday 12/01 |
| ASHUTOSH | AHIRE | Learning and memory : Cellular mechanisms | The cellular mechanism underlying dominant aversive memory | 61 | Sunday 12/01 |
| Itamar | Katz | Learning and memory : Cellular mechanisms | THE MOLLUSCANS' 5-HT DEPENDENT SYNAPTIC PLASTICITY IS CONSERVED IN THE OCTOPUS' LTP MECHANISM | 62 | Sunday 12/01 |
| Isaac | Berez | Learning and memory : Cellular mechanisms | Sex Differences via Gene Expression Analysis in the Mouse Medial Amygdala | 63 | Sunday 12/01 |
| Qixin | Yang | Learning and memory : Cellular mechanisms | All-optical electrophysiology reveals behavior-dependent dynamics of excitation and inhibition in CA1 | 64 | Sunday 12/01 |
| Ortal | Shinikamin | Learning and memory : Network mechanism | Homeostatic regulation and dysregulation of CA1 neuronal activity and its role in contextual fear me | 65 | Sunday 12/01 |
| Tom | Haran | Learning and memory : Network mechanism | THE REPRESENTATION OF RECURRING INFLAMMATORY EVENTS IN THE BRAIN | 66 | Sunday 12/01 |

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| Baruch | Haimson | Learning and memory : Network mechanism | Plasticity in Auditory Cortex During Fatherhood | 67 | Sunday 12/01 |
| Noam | Dotan | Learning and memory : Network mechanism | EFFICIENT PERFORMANCE AND INTERPRETABLE SPACE REPRESENTATION BY NEURAL NETWORKS TRAINED TO FORAGE | 68 | Sunday 12/01 |
| Aviv | Ratzon | Learning and memory : Network mechanism | Representational drift In biologically plausible learning rules | 69 | Sunday 12/01 |
| Zhenyi | Wang | | Implementing arbitrary nonlinear low-dimensional dynamical systems in large neural networks | 70 | Sunday 12/01 |
| Maoz | Shamir | Learning and memory : Network mechanism | Synaptic motility and functional stability in the whisker cortex | 71 | Sunday 12/01 |
| Florian | Mormann | Learning and memory : Network mechanism | Memory consolidation by reactivation of human concept neurons during sleep reflects contents, not sequence of events | 72 | Sunday 12/01 |
| Rotem | Kipper | Learning and memory : Network mechanism | Voltage imaging of excitatory and inhibitory Hippocampal neurons during global remapping | 73 | Sunday 12/01 |
| Saja | Dabbah | Learning and memory : Network mechanism | Higher-level (but not early) visual processing is associated with memory during naturalistic encoding | 74 | Sunday 12/01 |
| Denis | Boligin | Learning and memory : Network mechanism | CALCIUM IMAGING OF THE OCTOPUS VULGARIS VERTICAL LOBE | 75 | Sunday 12/01 |
| Gal | Elyasaf | Learning and memory : Network mechanism | Novel off-context experience constrains hippocampal representational drift | 76 | Sunday 12/01 |
| Gal | Elyasaf | Learning and memory : Network mechanism | 'Timer-like' and 'calendar-like' time- coding schemes underlie within- episode dynamics in the hippocampus | 77 | Sunday 12/01 |
| Nitzan | Shalvi | Learning and memory : Network mechanism | Chronic month-long operation of a brain-computer interface in the hippocampus CA1 | 78 | Sunday 12/01 |
| Darshit | Thakar | Learning and memory : Network mechanism | ENCODING OF TASTE VALENCE AND INTEROCEPTION IN THE INSULA | 79 | Sunday 12/01 |
| Konstantinos | Lygdas | Learning and memory : Network mechanism | Neural activity and learning- dependent dynamics of Lateral Septum neural populations during social interactions. | 80 | Sunday 12/01 |
| Daniel | Chebat | Learning and memory : Network mechanism | Egocentric navigation network plasticity: training extends functional connectivity of V6 to frontal areas of congenitally blind people. | 81 | Sunday 12/01 |
| Ido | Aizenbud | Models and Theory : Cellular | Single Neurons Can Solve The n- dimensional XOR Problem | 82 | Sunday 12/01 |
| Anat | Dahan | Models and Theory : Network | Graph Theory Approach in Hyperscanning studies -A Review Article | 83 | Sunday 12/01 |
| John | Schwarzc | Models and Theory : Network | Cognitive flexibility requires past re- evaluation: theory and neural networks analysis | 84 | Sunday 12/01 |
| Hodaya | Pinian | Models and Theory : Network | Meso-scale Network Connectivity: Insights from Intracranial EEG during Rest and Task States | 85 | Sunday 12/01 |
| Yoav | Ger | Models and Theory : Network | Learning with Incomplete Models: Recurrent Neural Network Dynamics in Agent-Environment Interaction | 86 | Sunday 12/01 |
| kareen | hamud | Models and Theory : Network | DBS Frequency Modulation and Its Impact on Thalamo-Cortical Network Interactions During Anesthesia. | 87 | Sunday 12/01 |
| Reina | van der Goot | Models and Theory : System | Neural Correlates of the Embodied Sense of Agency: A Pre-registered EEG Study | 88 | Sunday 12/01 |

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| Kabir | Dabholkar | Models and Theory : System | When predict can also explain: few-shot prediction to select better neural latents | 89 | Sunday 12/01 |
| Henn | Kramer | Motor systems : Cerebellum | CEREBELLAR OUTPUT TO THE MOTOR CORTEX FACILITATES DEXTEROUS HAND MOVEMENTS | 90 | Sunday 12/01 |
| Nirvik | Sinha | Motor systems : Cerebellum | THE CEREBELLUM FACILITATES BETA-BAND DESYNCHRONIZATION IN THE MOTOR CORTEX DURING REACHING MOVEMENTS | 91 | Sunday 12/01 |
| Asia | Prag | Motor systems : Cerebellum | INTERACTIONS BETWEEN THE CORTICO-BASAL GANGLIA AND THE CORTICO-SEREBELLAR LOOPS DURING MOVEMENTS | 92 | Sunday 12/01 |
| Sivan | Geva | Motor systems : Motor cortex | THE ROLE OF M2 CORTICOSPINAL PYRAMIDAL TRACT NEURONS IN LEARNING AND MOTOR CONTROL | 93 | Sunday 12/01 |
| Shira | Lifshitz | Motor systems : Motor cortex | INTERPRETABLE NETWORK ANALYSIS OF THE MOTOR CORTEX DURING PERFORMANCE OF A MOTOR TASK | 94 | Sunday 12/01 |
| Pratibha | Ahirwal | Motor systems : Posture and gait | DECIPHERING INTEGRATIVE PROPERTIES OF LAYER 5 PT NEURONS IN THE PRIMARY MOTOR CORTEX OF MICE | 95 | Sunday 12/01 |
| pnina | rappel | Motor systems : Subcortical: basal ganglia | Local pallidal and subthalamic activity predicts beta burst properties | 96 | Sunday 12/01 |
| Tomer | Sheinfeld | Motor systems : Subcortical: basal ganglia | Cocaine Differentially Modulates Corticostriatal Pathways | 97 | Sunday 12/01 |
| David | Lipton | Motor systems : Subcortical: basal ganglia | Topographically-defined striatal circuits provide permissive drive to invigorate context-dependent actions | 98 | Sunday 12/01 |
| Daniel | Deitch | Neural coding | Population-level coding of natural stimuli reveals the inter-areal organization of the mouse visual system | 99 | Sunday 12/01 |
| Mor | Atzmon | Neural coding | Representational Similarity Analysis as a generalizable function for image coding | 100 | Sunday 12/01 |
| Tal | Chamilevsky | Neural coding | Mesoscale dynamics of cell resolution cortical activity across brain areas in goal-directed behavior | 101 | Sunday 12/01 |
| Renana | Oz Rokach | Neural coding | Internal strategies govern frontal or posterior brain-wide networks | 102 | Sunday 12/01 |
| Itay | Talpir | Neural coding | Unsupervised learning reveals stereotypical population activity patterns in the insular cortex | 103 | Sunday 12/01 |
| Noa | Shmueli | Neural coding | Functional organization of the cognitive map for naturalistic reaching behavior in the motor cortex | 104 | Sunday 12/01 |
| Asaf | Benjamin | Neural coding | Prefrontal representations of social information and complex group dynamics | 105 | Sunday 12/01 |
| Maya | Salomon Hazut | Neural coding | Long-term stability of mental representations of natural stimuli in humans | 106 | Sunday 12/01 |
| Arik | Monash | Neural Excitability, Synapses, and Glia: Neurotransmitter Release : | Transfer RNA fragments sustain botulinum-intoxicated neurons viability by suppressing ferroptosis | 107 | Sunday 12/01 |
| Omer | Richmond | Neural Excitability, Synapses, and Glia: Receptors and channels : | Comparative analysis of channelrhodopsins for axonal projection stimulation | 108 | Sunday 12/01 |
| Shiri | Shoob | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | THALAMIC NUCLEUS REUNIENS REGULATES RESILIENCE TO SYNAPTIC & COGNITIVE FAILURES IN ALZHEIMER'S MODEL | 109 | Sunday 12/01 |
| Amir | Miller | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Investigating the Effects of HBOT on Cognitive Function and Neural Activity in 5xFAD mice | 110 | Sunday 12/01 |



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| Reut | Bruck | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Studying the roles of UFMylation in aging regulation and maintenance of proteostasis in the nematode | 111 | Sunday 12/01 |
| Asaf | Bittan | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | DEVELOPING GENETIC TREATMENT OF NMDA RECEPTOR MEDIATED DISEASE BY TOXIN-LIKE PEPTIDE EXPRESSION | 112 | Sunday 12/01 |
| Joanna | Molad Finchelman | Sensory systems : Vision | Reading "GANDALF" from Macaque Primary Visual Cortex: modelling a topographic code for letters | 113 | Sunday 12/01 |
| Yifat | Haddad | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | ODE-based Mechanistic Modeling of Alzheimer's Disease Progression | 114 | Sunday 12/01 |
| Tamir | Hirsh | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Does pregnancy with a Down Syndrome fetus promote maternal Alzheimer's Disease? | 115 | Sunday 12/01 |
| Talia | Indig-Naimer | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | COMPROMISED BRAIN VASCULATURE IN THE PROGRESSION OF ALZHEIMER'S DISEASE-LIKE PATHOLOGY | 116 | Sunday 12/01 |
| Hodaya | Polonsky | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | The role of the brain-spleen circuit in the control of symptom onset in Alzheimer's disease | 117 | Sunday 12/01 |
| Noa | Bregman-Yemini | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | THE LONG-TERM EFFECT OF Δ9-TETRAHYDROCANNABINOL IN 5XFAD FEMALE MICE MODEL | 118 | Sunday 12/01 |
| Roi | Meir | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Dynamics of Neuronal Reprogramming Along the Alzheimer's Disease Cascade | 119 | Sunday 12/01 |
| Adi | Bar | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Altered tRNA fragments in Alzheimer's disease reflect cognition differences | 120 | Sunday 12/01 |
| Shlomit | Zorani | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Novel Method for Objective Quantification of Apathy in Cognitively Normal Individuals at High Dementia- Risk | 121 | Sunday 12/01 |
| Nikol | Melchenko | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Autophagy dynamics and regulation in neurodegeneration | 122 | Sunday 12/01 |
| Keren | Nitzan | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | The Role of Neuroinflammation and TrkB in Stress-Accelerated Alzheimer's Pathology in Mice | 123 | Sunday 12/01 |
| Yarden | Lewit Cohen | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Assessing Sex Differences in Pathology in AD Mouse Model | 124 | Sunday 12/01 |
| Elisa | Gozlan | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | TARGETING METABOLIC CHANGES IN AGED ASTROCYTES IN ALZHEIMER'S DISEASE. | 125 | Sunday 12/01 |
| Ofek | Avner | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Targeting Alzheimer's Disease with Multi-Cellular New Chemical Entities | 126 | Sunday 12/01 |
| Erez Yehezkel | Matsree | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | COMBINATION TREATMENT OF SYSTEMIC A1 ANTI-TRYPSIN AND BLOOD-BRAIN BARRIER DISRUPTION INDUCED BY NON-INVASIVE LOW PULSED ELECTRICAL FIELDS (L-PEFS) FOR ALZHEIMER'S DISEASE | 127 | Sunday 12/01 |
| Hadar | Eger | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | EARLY BIOMARKERS IN ALZHEIMER'S DISEASE BY CREATING A SUPER-RESOLUTION SPATIAL GENOMIC MAP IN THE HIPPOCAMPUS | 128 | Sunday 12/01 |



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| Meir | Lieberman | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Deciphering the mechanisms beyond the high risk for cognitive decline in Haptoglobin (Hp) 1-1 carriers in diabetes: an in -vivo study using humanized Hp mice | 129 | Sunday 12/01 |
| Daniel | Gutstein | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | Volumetric Differences in Amygdala and Hippocampus across SuperAging Phenotypes | 130 | Sunday 12/01 |
| Nadav | Eliash | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | DISEASE-ASSOCIATED COMMITTED OPCs EMERGE AS SECRETORY CELLS SHAPING THE FATE OF ASTROCYTES IN EARLY STAGES OF ALZHEIMER'S DISEASE | 131 | Sunday 12/01 |
| Shachar | Moskovich | Neurodegenerative disorders and injury: : Alzheimer's Disease and Other Dementias | New MRI quantifiers for microstructural analysis in AD | 132 | Sunday 12/01 |
| Aviv | Ziv | Neurodegenerative disorders and injury: : Movement disorders | ASSOCIATION OF REAL-WORLD WEARABLE MOBILITY MEASURES WITH PARKINSON'S DISEASE SEVERITY AND DISEASE PROGRESSION | 133 | Sunday 12/01 |
| David | Mesika | Neurodegenerative disorders and injury: : Movement disorders | A NOVEL PERSONALIZED TARGETING METHOD FOR MR-GUIDED FOCUSED ULTRASOUND (MRGFUS) THALAMOTOMY | 134 | Sunday 12/01 |
| Moshe | Cossin | Neurodegenerative disorders and injury: : Movement disorders | Genome-wide identification of aberrant alternative polyadenylation linked to TDP-43 pathology | 135 | Sunday 12/01 |
| Vladislav | Zhelezniakov | Neurodegenerative disorders and injury: : Parkinson's Disease | EXPLORING SLEEP DISTURBANCES IN DRUG-NAIVE PARKINSON'S DISEASE PATIENTS | 136 | Sunday 12/01 |
| Neta | Fibeeshh | Neurodegenerative disorders and injury: : Parkinson's Disease | RNA Granule Alterations in Parkinson's Disease | 137 | Sunday 12/01 |
| Ankit Kumar | Shah | Neurodegenerative disorders and injury: : Parkinson's Disease | Unraveling the mechanisms of α -synuclein aggregation in models of Parkinson's disease | 138 | Sunday 12/01 |
| Ofir | Sade | Neurodegenerative disorders and injury: : Parkinson's Disease | Early Detection Platform for α -Synuclein Aggregates in Skin Biopsies of Parkinson's Disease | 139 | Sunday 12/01 |
| Limor | Regev | Neurodegenerative disorders and injury: : Parkinson's Disease | The role of mitochondrial malfunction in the initiation/progression of Parkinson's Disease | 140 | Sunday 12/01 |
| Chen | Shemesh | Neurodegenerative disorders and injury: : Stroke and injury | QUINONE REDUCTASE 2 INHIBITION AS A PROMISING STRATEGY FOR TREATING TRAUMATIC BRAIN INJURY- A PRE-CLINICAL STUDY | 141 | Sunday 12/01 |
| Tamar | Gordon | Neurodegenerative disorders and injury: : Parkinson's Disease | Identification of molecular signatures in peripheral autonomic neurons associated with Parkinson's disease | 142 | Sunday 12/01 |
| Yonatan | Kleerekoper | Neurodegenerative disorders and injury: : Parkinson's Disease | Impact of Parkinson's Disease on Motor Learning and Neuronal Network Dynamics in Mice | 143 | Sunday 12/01 |
| Shachar | Dahari | Neurodegenerative disorders and injury: : Parkinson's Disease | Investigating oculomotor properties during locomotion in Parkinson's Disease and healthy adults | 144 | Sunday 12/01 |

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| omar | biro | Neurodegenerative disorders and injury: : Parkinson's Disease | Assessing The effects of High Fat Diet on the Progression Rate of disease in Parkinson's Disease mouse model | 145 | Sunday 12/01 |
| Michal | Brodav | Neurodegenerative disorders and injury: : Parkinson's Disease | Investigation of the effects of Emrusolmin (TEV-56286) on alpha-synuclein aggregation modulation in Synucleinopathies | 146 | Sunday 12/01 |
| Vladelna | Samusev | Neurodegenerative disorders and injury: : Parkinson's Disease | A psychophysics paradigm to detect proneness to formed visual hallucinations | 147 | Sunday 12/01 |
| Rudhvi | Jain | Neurodegenerative disorders and injury: : Stroke and injury | IDENTIFYING TRACES OF DEMYELINATION CAUSED BY MICROINFARCTS THROUGH EEG INTERHEMISPHERIC COHERENCE | 148 | Sunday 12/01 |
| Anna | Vaslavski | Neurodegenerative disorders and injury: : Stroke and injury | THE EFFECT OF PUBESCENCE ON BRAIN CONNECTIVITY AND EXECUTIVE FUNCTIONS AMONG GIRLS WITH TRAUMATIC BR | 149 | Sunday 12/01 |
| Hadar | Shapsa | Neurodegenerative disorders and injury: : Stroke and injury | DECREASED HOMOTOPIIC FUNCTIONAL CONNECTIVITY IN PEDIATRIC PATIENTS WITH TRAUMATIC BRAIN INJURY | 150 | Sunday 12/01 |
| Hadar | Pozeilov | Neuroethology | Unveiling Personality in Drosophila Melanogaster: Bridging Human Psychology with Insect Behavior | 151 | Sunday 12/01 |
| Mark | Shein-Idelson | Neuroethology | View-invariant visual computations in the ancestral cortex of turtles | 152 | Sunday 12/01 |
| Ragad | Hamade | Neuroethology | The neural circuits governing solitary behavior in the blind mole rat | 153 | Sunday 12/01 |
| Lee | Susman | Specific session | Mesoscale dynamics of neural populations reveal high-dimensional communication across cortical areas | 154 | Sunday 12/01 |
| Maryana | Pozin | | MAPPING BRAIN IRON WITH QUANTITATIVE MRI: VALIDATION AND APPLICATION | 155 | Sunday 12/01 |
| Lior | Gilboa-Cohen | | The role of circRNA in the development of fragile X syndrome | 156 | Sunday 12/01 |