



The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Collaborative Brain Experiences

First Name	Last Name	Abstract Topics	Title	Board Number	Date
Sigal	Fleisher-Berkovich	Neuroinflammation	Modulation of neuroinflammation by CBG and medical cannabis: possible implications for MS	1	Monday 13/01
Linda	Rubinstein	Neuroinflammation	Redox and immune dys-homeostasis interplay in Alzheimer's mice model focusing on sex differences	2	Monday 13/01
Alon	Zemer	Neuroinflammation	RAPID METABOLIC IMPROVEMENT INDUCED BY EARLY OBESITY REVERSAL IS ASSOCIATED WITH SUSTAINED HYPOTHALAMIC CHANGES	3	Monday 13/01
Gal	Wiener	Neuroinflammation	Blood brain barrier dysfunction as a novel pathophysiological mechanism in Williams syndrome	4	Monday 13/01
maram	ganaïem	Psychiatric and neurodevelopmental disorders : Autism	Explaining Pleiotropic Mechanisms in Autism, Schizophrenia and Alzheimer's Disease: NAP (Davunetide)	5	Monday 13/01
Amit	Koren-Iton	New Techniques : Behavior	Naturalistic paradigm for assessing spatial memory and neuronal activity in health and disease	6	Monday 13/01
Tchiya	Ben-Joseph	New Techniques : Behavior	Oculomotor biofeedback for enhancing gaze control and attention measures in ADHD	7	Monday 13/01
Naheel	Lawabny	New Techniques : Behavior	Binary sexually dimorphic activity in a novel cell cluster in the medial amygdala	8	Monday 13/01
David	Scher-Arazi	New Techniques : Behavior	Predicting the individual's developmental Age Using Gene Expression Profiles via Machine Learning	9	Monday 13/01
Chemda	Wiener	New Techniques : Data Analysis	Whole-Brain Connectivity Patterns of Local Frontal Activity: A Combined ECG-fMRI Study	10	Monday 13/01
Shir	Hartman	New Techniques : Data Analysis	Phase-amplitude coupling in executive control: Insights from ECG during awake brain tumor surgery	11	Monday 13/01
Sandra	Nestler	New Techniques : Data Analysis	NONLINEAR DIMENSIONALITY REDUCTION OF ELECTROPHYSIOLOGICAL RECORDINGS WITH NORMALIZING FLOWS	12	Monday 13/01
Kabir	Dabholkar	New Techniques : Data Analysis	Enhancing Latent Variable Models with Self-Consistency Regularization for Coherent Neural Dynamics	13	Monday 13/01
David	Gorelik	New Techniques : Data Analysis	Each cell important – A Pipeline for Quantifying A-to-I RNA Editing at Single-Cell Resolution	14	Monday 13/01
Shaked	Ron	New Techniques : Electrophysiology	Stereotaxic brain surgery with neither a brain atlas nor a standard stereotaxic frame	15	Monday 13/01
Jonas	Wietek	New Techniques : Electrophysiology	A bistable inhibitory OptoGPCR for multiplexed optogenetic control of neural circuits	16	Monday 13/01
Sahar	Zadka	New Techniques : Imaging	" Voltage imaging reveals ultrafast plasticity for the error computations in the cerebellum	17	Monday 13/01
Maya	Maman	New Techniques : Imaging	QUANTITATIVE MONITORING OF AUTOPHAGY ACROSS NEURONAL COMPARTMENTS IN THE INTACT MOUSE BRAIN USING A NOVEL FRET/FLIM BASED BIOSENSOR	18	Monday 13/01
Reut	Raizman	New Techniques : Imaging	FUNCTIONAL-STRUCTURAL COUPLING OF BRAIN NETWORK GRAPH THEORY IN PEDIATRIC TRAUMATIC BRAIN INJURY	19	Monday 13/01
Pritish	Patil	New Techniques : Imaging	Novel Bicistronic Development of Optogenetic Constructs for minimal crosstalk All-Optical Holography	20	Monday 13/01
Moran	Shechtman	New Techniques : Imaging	Fluid Intelligence in Pediatric Traumatic Brain Injury: An fMRI Analysis	21	Monday 13/01
Noam	Feldman	New Techniques : Imaging	MULTIPLYED SUPER-RESOLVED CHARACTERIZATION OF INTACT BRAIN ORGANIDS USING EXPANSION SEQUENCING	22	Monday 13/01

The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Cerebrum - Sensa - Emotions

Achinoam	Blau	New Techniques : Imaging	CUSTOM-TAILORED VIRAL VECTORS FOR PROTEIN EXPRESSION IN THE QUAIL'S BRAIN	23	Monday 13/01
Renana	malka	New Techniques : Imaging	Voltage imaging in freely moving mice using Fiberscope and targeted illumination	24	Monday 13/01
Hadar	Parnas	Plasticity mechanisms : Epigenetic mechanisms	Unraveling Intermittent Fasting's Impact on Brain Health: The Epigenetic Role of Ketone Bodies	25	Monday 13/01
Joanna	Bartman	Plasticity mechanisms : Epigenetic mechanisms	HYPOTHALAMIC EPIGENETIC PROGRAMMING BY GREEN ILLUMINATION DURING AVIAN EMBRYONIC DEVELOPMENT	26	Monday 13/01
Yarden	Freund	Plasticity mechanisms : Glia mechanisms	THE MYELIN PROTEOME ATLAS ACROSS AGE AND SEX	27	Monday 13/01
Antonella	Ruggiero	Plasticity mechanisms : Neuronal excitability	NMDA RECEPTORS MAINTAIN HOMEOSTATIC FIRING RATE SET POINTS IN HIPPOCAMPAL CIRCUITS	28	Monday 13/01
Michael	Andreyanov	Plasticity mechanisms : Neuronal excitability	Design of Ultrapotent Genetically Encoded inhibitors of Kv4.2 for Gating Neural Plasticity	29	Monday 13/01
Chen	Avraham	Learning and memory : Behavior	Frequency-dependent long-term de novo learning of continuous control	30	Monday 13/01
Gabi	Socolovsky	Plasticity mechanisms : Pre-post synaptic mechanisms	Plasticity stability and rhythmogenesis via STDP	31	Monday 13/01
Daniella	Apelblat	Plasticity mechanisms : Pre-post synaptic mechanisms	L1 NDNF INTERNEURONS CONTROL EXPERIENCE-DEPENDENT PLASTICITY IN ADULT CORTICAL CIRCUITS	32	Monday 13/01
Lilach	Elbaum	Plasticity mechanisms : Pre-post synaptic mechanisms	Acute mAID2-mediated degradation of synaptic molecules as a tool for studying synaptic biology	33	Monday 13/01
Adi	Cohen	Psychiatric and neurodevelopmental disorders : Anxiety	The Neuronal Function of Neurexin-2	34	Monday 13/01
Jonathan	Toledano	Psychiatric and neurodevelopmental disorders : Anxiety	Exploring brain-wide neural dynamics underlying psilocybin's psychoactive and anxiolytic effects in zebrafish	35	Monday 13/01
Liel	Kirkel	Psychiatric and neurodevelopmental disorders : Anxiety	The function of the Claustrum in response to psychedelic drugs	36	Monday 13/01
Uri	Monsonogo	Psychiatric and neurodevelopmental disorders : Anxiety	Investigating the neural circuits involved in OCD-associated behavioral dysfunction	37	Monday 13/01
Shelly	Pal Singh	Psychiatric and neurodevelopmental disorders : Anxiety	A whole-brain screen reveals the pivotal role of the perirhinal cortex in social avoidance and anxiety behavior	38	Monday 13/01
Elad	Dvir	Psychiatric and neurodevelopmental disorders : Autism	Perturb-seq reveals divergent and convergent pathways in autism associated genes through early cortical differentiation	39	Monday 13/01
Wisam	Bazbaz	Psychiatric and neurodevelopmental disorders : Autism	Characterization of the thioredoxin antioxidant system in autism spectrum disorder	40	Monday 13/01



The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Collaboration • Growth • Endurance

Noa	Montefiore	Psychiatric and neurodevelopmental disorders : Autism	Involvement of amygdala neurons in male predominance of autism spectrum disorder	41	Monday 13/01
Igor	Khaliulin	Psychiatric and neurodevelopmental disorders : Autism	The sex differences in the synaptic phenotype of the autistic mouse models	42	Monday 13/01
Maryam	Kartawy	Psychiatric and neurodevelopmental disorders : Autism	Gsk3 β : A promising therapeutic target in the Cntnap2 ^{-/-} mouse model of autism	43	Monday 13/01
Pooja Kri	Gupta	Psychiatric and neurodevelopmental disorders : Autism	UNDERSTANDING THE METABOLIC ALTERATIONS INVOLVED IN THE EARLY DEVELOPMENT OF ANGELMAN SYNDROME	44	Monday 13/01
Wajeha	Hamoudi	Psychiatric and neurodevelopmental disorders : Autism	ATP synthase c-subunit upregulation causes mitochondrial dysfunction in Shank3 mouse model of autism	45	Monday 13/01
Bayan	Hijazi	Psychiatric and neurodevelopmental disorders : Autism	Characterization of brain immediate-early genes expression in mice exposed to various emotionally aroused conspecifics	46	Monday 13/01
Jaroslav	Slobodskoy-Plusni	Psychiatric and neurodevelopmental disorders : Autism	Increasing feedback salience may improve performance monitoring in autism	47	Monday 13/01
Omri	Kimchi-Feldhorn	Psychiatric and neurodevelopmental disorders : Autism	Cytoskeletal changes in SHANK3 mutation mouse model cortex	48	Monday 13/01
Sophie	Shohat	Psychiatric and neurodevelopmental disorders : Autism	Pharmacological Targeting to Restore Oligodendrocyte Function in a SHANK3 Autism Mouse Model	49	Monday 13/01
Hannah	Sykes-Haas	Psychiatric and neurodevelopmental disorders : Autism	Minimally verbal children with autism "see the point, but do not point it out": A behavioral and eye-tracking study in visual perceptual processing	50	Monday 13/01
Yonatan	Feuermann	Psychiatric and neurodevelopmental disorders : Autism	Metabolic and Mitochondrial Dysregulation in Angelman Syndrome: Linking Oxidative Stress to Embryonic Neural Development.	51	Monday 13/01
Shelly	Ginzburg	Psychiatric and neurodevelopmental disorders : Autism	The role of nitric oxide-mediated glutamatergic alterations in the Shank3 Δ 4-22 mouse model of autism	52	Monday 13/01
Hila	Flumin	Psychiatric and neurodevelopmental disorders : Drugs of Abuse and Addiction	"A SOBERING FRIENDSHIP" – THE EFFECTS OF DAILY SOCIAL & PROSOCIAL BEHAVIOR ON RELAPSE TO ALCOHOL	53	Monday 13/01
Yael	De Picciotto	Psychiatric and neurodevelopmental disorders : Drugs of Abuse and Addiction	The Effect of MDMA on Alcohol Memory Reconsolidation and Relapse	54	Monday 13/01
Noa	Strauss	Psychiatric and neurodevelopmental disorders : Drugs of Abuse and Addiction	IDENTIFYING PERIPHERAL BIOMARKERS FOR OPIOID USE DISORDER – A MOUSE MODEL	55	Monday 13/01
Matar	Levin Greenwald	Psychiatric and neurodevelopmental disorders : Drugs of Abuse and Addiction	MIR-9 IS ASSOCIATED WITH COMPULSIVE AVERSION-RESISTANT ALCOHOL DRINKING IN MICE	56	Monday 13/01
Sahar	Wattad	Psychiatric and neurodevelopmental disorders : Drugs of Abuse and Addiction	Cocaine differentially affects mitochondrial function depending on exposure time	57	Monday 13/01
Maja	Snippe Strauss	Psychiatric and neurodevelopmental disorders : PTSD	INDIVIDUAL BEHAVIORAL PROFILING AS A TRANSLATIONAL APPROACH TO ASSESS TREATMENT EFFICACY IN PTSD	58	Monday 13/01
Jing	Quan	Psychiatric and neurodevelopmental disorders : PTSD	Serotonergic modulation of dentate gyrus contribution to individual variability in response to stress	59	Monday 13/01
Ophir	Netzer	Psychiatric and neurodevelopmental disorders : PTSD	Neural Correlates of Trauma Experienced Under the Influence of Psychoactive Substances: Insights from the Supernova Festival Terror Attack	60	Monday 13/01



The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Collaboration • Shared Experiences

Tamara	Zorbaz	Psychiatric and neurodevelopmental disorders : Schizophrenia	3'-tRNA-Ala fragments guide nuclear MEG3 splicing linked to nonmotor dysregulation in Parkinson's disease	61	Monday 13/01
Kirill	Vasilchenko	Psychiatric and neurodevelopmental disorders : Schizophrenia	UTILIZING ARTISTIC EXPRESSION FOR SCHIZOPHRENIA DIAGNOSIS THROUGH MACHINE LEARNING	62	Monday 13/01
Konstantin	Andrianov	Psychiatric and neurodevelopmental disorders : Schizophrenia	Behavioral assessment of cognitive models of schizophrenia using novel mouse CANTAB-like test batter	63	Monday 13/01
Avital	Zigman	Psychiatric and neurodevelopmental disorders : Schizophrenia	Glutaminase 1 Inhibition as a therapeutic venue in schizophrenia: intermin conclusions from a double-mutant mouse model	64	Monday 13/01
Shlomo David	Sherer	Psychiatric and neurodevelopmental disorders : Schizophrenia	Brain-Wide Neuronal Networks in a Schizophrenia Mouse Model	65	Monday 13/01
Tzofia	Simkovich	Psychiatric and neurodevelopmental disorders : Schizophrenia	Predictive Processing During Smooth Pursuit in Acute Psychiatric Patients	66	Monday 13/01
Kfir	Asraf	Psychiatric and neurodevelopmental disorders : Schizophrenia	DREADD-induced inhibition of hippocampal (CA1) pyramidal neurons in C-Glu1 -/- mice.	67	Monday 13/01
Yumna	Abu Ghanem	Psychiatric and neurodevelopmental disorders : Stress	Regulation of the CB1 Receptor by Neuensin-2 in Depression	68	Monday 13/01
Hadas	Hovav	Psychiatric and neurodevelopmental disorders : Stress	Characterization of Neuensin-2 knock-out mice	69	Monday 13/01
Rachel	Twitto-Greenberg	Psychiatric and neurodevelopmental disorders : Stress	9CBC DECREASED THE EFFECTS OF SOCIAL ISOLATION STRESS	70	Monday 13/01
Tehila	Cohen	Psychiatric and neurodevelopmental disorders : Stress	The Impact of THC on Neurogenesis and Stress Response: An In Vitro Investigation In Astrocytes	71	Monday 13/01
Shani	Vaknine Treidel	Psychiatric and neurodevelopmental disorders : Stress	NEWBORN REACTIONS TO MATERNAL PRENATAL STRESS ALTER UMBILICAL CORD BLOOD TRNA FRAGMENTS TARGETING CHOLINERGIC TRANSCRIPTS	72	Monday 13/01
Rachel	Buchbut	Psychiatric and neurodevelopmental disorders : Stress	Social and Metabolic Stress in Adolescent Female Rats Induces Divergent Gene Expression and Behavioral Outcomes Across Generations	73	Monday 13/01
mushki	Paz	Psychiatric and neurodevelopmental disorders : Stress	The biological mechanism behind the anti-depressant effect of Shan-Zha in mice	74	Monday 13/01
Michal	Grinberg	Psychiatric and neurodevelopmental disorders : Stress	The Impact of Cognitive Behavioral and Mindfulness Intervention on Gut-Immune-Brain Interactions in Crohn's Disease	75	Monday 13/01
Sarit	Roizman	Psychiatric and neurodevelopmental disorders : Stress	Resting Under Stress: How War Stress Affects Brain Networks Supporting Executive Functions Networks in Children	76	Monday 13/01
Yael	Morose	Reward system	Hippocampal reward location encoding in a non-spatial environment.	77	Monday 13/01
Mali	Levi	Reward system	Motivation and Operant Learning in Drosophila: Insights from the FlyPAD / OptoPAD System	78	Monday 13/01
Yirat	Henshke	Reward system	Distinct dopamine signaling in the striatum and frontal cortex during reward processing	79	Monday 13/01
Nimrod	Bernat	Reward system	ARE ALL VENTRAL PALLIDUM PROJECTIONS MADE EQUAL?	80	Monday 13/01



The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Collaboration • Shared Experiences

ofek	Ben Abu	Sensory systems : Attention	Utilizing Mobile Neurotechnologies to Investigate Students' Attention in School	81	Monday 13/01
Orel	Levy	Sensory systems : Attention	The impact of noise on neural and physiological responses, in a Virtual-Reality classroom	82	Monday 13/01
Liana	Magaliff	Sensory systems : Attention	Engagement of Attention, EF, & Sensory Processing Networks During Parent Story-Listening: an fMRI study	83	Monday 13/01
Hamutal	Slovin	Sensory systems : Attention	Pre-microsaccade modulation in foveal V1: enhancement in the current and future stimulus locations	84	Monday 13/01
Or	Yudco	Sensory systems : Auditory	Neural correlates of auditory category learning of FM sweeps in the mouse auditory cortex	85	Monday 13/01
Mirella	Lira	Cortical and hippocampal circuits in Navigation :	NEURAL REPRESENTATION OF HEAD DIRECTION IN THE DORSAL THALAMUS OF JAPANESE QUAILS	86	Monday 13/01
Sapir	Bashari	Sensory systems : Auditory	The Sensitivity of Auditory Cortex to Statistical Regularities	87	Monday 13/01
Dina	Moshitch	Sensory systems : Auditory	STIMULUS-SPECIFIC ADAPTATION (SSA) TO PURE TONES IN LOCAL NETWORKS OF MOUSE AUDITORY CORTEX	88	Monday 13/01
Maysan	Bader	Sensory systems : Auditory	When do we hear?	89	Monday 13/01
Rotem	Yam- Shahor	Sensory systems : Chemosensation	The neuronal and peripheral immune response to sickness odor	90	Monday 13/01
Reema	Arbid	Sensory systems : Chemosensation	CIRCUIT LATERALIZATION AND ASYMMETRICAL MULTISENSORY INTEGRATION IN THE BRAIN OF C. ELEGANS	91	Monday 13/01
Michael	Yunerman	Sensory systems : Chemosensation	Cortical representation of olfactory stimuli during active behavior	92	Monday 13/01
Sapir	Penker	Sensory systems : Chemosensation	AN UNDERSTUDIED NUCLEUS CONNECTING OLFACTORY BRAIN REGIONS WITH AMYGDALAR NUCLEI	93	Monday 13/01
Ofer	Gizbar	Sensory systems : Chemosensation	TESTING THE EFFECTS OF BREATHING PATTERNS ON COGNITIVE FUNCTION, EMOTIONAL PROCESSING, AND BRAIN ACTIVITY IN MICE	94	Monday 13/01
aya	Dahamshe	Sensory systems : Chemosensation	Mapping The Inputs to the Nucleus of the Lateral Olfactory Tract (NLOT)	95	Monday 13/01
Megan	Sammons	Sensory systems : Other	MAPPING NEURONAL REPRESENTATIONS OF PERIPHERAL IMMUNE RESPONSES	96	Monday 13/01
Inbar	Perets	Sensory systems : Other	The role of thalamic visceral-sensory inputs to the insular cortex in need-driven behavior	97	Monday 13/01
Omer	Izhaki	Sensory systems : Other	Non-invasive optogenetic interrogation of internal sensations and predictions	98	Monday 13/01
Adam	Zaidel	Sensory systems : Other	Individual Differences in Multisensory Binding Can Predict the Varied Severity of Motion Sickness	99	Monday 13/01
Amber	Maimon	Sensory systems : Other	Perceiving depth beyond sight: evaluating intrinsic and learned cues via a proof of concept sensory substitution method in the visually impaired and sighted	100	Monday 13/01



The 31st ISFN Annual Meeting

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



KALEIDOSCOPE
Collaboration • Innovation • Excellence

Yvgeny	Lerer	Sensory systems : Pain	THE NEURAL CORRELATES OF CENTRAL NEUROPATHIC PAIN IN INDIVIDUALS WITH SPINAL CORD INJURY	101	Monday 13/01
Rachely	Butterman	Sensory systems : Pain	Encoding of noxious stimulus in nociceptive terminals	102	Monday 13/01
Guy	Nelinger	Sensory systems : Touch	An Attractor for Object Detection in Freely-Behaving Rats	103	Monday 13/01
Yarden	Nativ	Sensory systems : Vision	TWO-PHASE EXTRA-RETINAL INPUT TO MONKEY'S V1: EFFECTS OF FIXATIONAL SACCADDES ON POPULATION RESPONSES	104	Monday 13/01
Ofir	Korch	Sensory systems : Vision	V1 NEURAL RESPONSE PRECEDES THE SACCADIC SHIFT OF VISUAL TARGET TOWARDS THE FOVEA	105	Monday 13/01
Uddi	Kimchy	Sleep	Locus coeruleus norepinephrine activity in recurrent stress and sleep	106	Monday 13/01
Itiel	Dennis	Sensory systems : Vision	POPULATION RESPONSES IN V1 ENCODES STIMULUS VISIBILITY IN BACKWARD MASKING	107	Monday 13/01
Anton	Cooper	Sensory systems : Vision	Causal Investigation of the Sources of Visual Perceptual Sensitivity Using Brain-Computer Interface	108	Monday 13/01
Dahlia	Kushinsky	Sensory systems : Vision	Behavioral states control binocular vision through input-specific mechanisms	109	Monday 13/01
Bani Prasad	Swain	Sensory systems : Vision	Characterizing the Role and Projections of GABAergic Retinal Ganglion Cells in Visual Processing.	110	Monday 13/01
Zehavit	Goldberg	Sensory systems : Vision	INHIBITION OF PROTEASE ACTIVATED RECEPTOR 1 AS A NOVEL TREATMENT FOR DIABETIC RETINOPATY	111	Monday 13/01
Nairouz	Farah	Sensory systems : Vision	Retina resuscitation following Prolonged Ischemia	112	Monday 13/01
Itay	Shekel	Sensory systems : Vision	Fundamental Features of Vision in Single Cells under Prosthetic and Natural conditions	113	Monday 13/01
Hani	Tsruya	Sensory systems : Vision	Contrast sensitivity in adults with ADHD	114	Monday 13/01
Jawan	Zeibaq	Sensory systems : Vision	Investigating the modulation of visual crowding by visual category	115	Monday 13/01
Vasilisa	Akselevich	Sensory systems : Vision	Support for the valence-specific hypothesis in parafoveal perception of facial emotional expression across two studies	116	Monday 13/01
Alilna S.	Heukamp	Sensory systems : Vision	TOPOGRAPHIC ORGANIZATION OF DIRECTION- AND ORIENTATION-SELECTIVE RESPONSES IN THE MOUSE VISUAL THALAMUS	117	Monday 13/01
Li	Azran	Sensory systems : Vision	Exploring the Alignment of Optic Flow and Direction-Selective Cells in the Mouse Visual Thalamus	118	Monday 13/01
Sharon	Yakim	Sleep	Expectation and surprise in the sleeping brain: Auditory omission prediction error response in NREM	119	Monday 13/01
Noa	Matosevich	Sleep	Distinct locus coeruleus efferent pathways promote arousal	120	Monday 13/01

The 31st ISFN Annual Meeting

12-14 January, 2025

Dan Hotel | Queen Of Sheba Hotel, Eilat



KALEIDOSCOPE
Collaboration • Shared Experiences

Barak	Hadad	Sleep	Sensory Disconnection during Sleep: Insights from Neuropixels recordings in Naturally Sleeping Mice	121	Monday 13/01
Noam	Zelinger	Sleep	Clastrum projections to anterior cingulate cortex are associated with deeper disconnected sleep	122	Monday 13/01
Rotem	Falach	Sleep	Non-invasive detection of interictal epileptiform discharges in the mesial temporal lobe during sleep	123	Monday 13/01
Ella	Bar	Sleep	Memory generalization and overgeneralization in sleep	124	Monday 13/01
Omer	Ben Barak- Dror	Sleep	SWIR imaging for touchless pupillometry and gaze estimation in closed eye conditions	125	Monday 13/01
Andrew	Dagay	Sleep	Sleep and fall risk in Parkinson's disease	126	Monday 13/01
Maya	Ben Yacov	Sleep	EFFECTS OF SLEEP DEPRIVATION ON TIME PERCEPTION AMONG MEDICAL RESIDENTS: A PILOT STUDY	127	Monday 13/01
michal	zarfati	Sleep	Establishing a CRISPR/Cas9-mediated system for the induction of a tissue and time specific DNA damage	128	Monday 13/01
Tomer	Yaari	Sleep	Home-based olfactory biofeedback for implicit learning to reduce sleep bruxism	129	Monday 13/01
Hala	Kezil	Social models and mechanisms	Dopamine circuits underlying social interaction deficits in autism spectrum disorder	130	Monday 13/01
Rishika	Tiwari	Social models and mechanisms	Theta rhythmicity in the rat prefrontal cortex reflects preference among competing rewarding stimuli in a social context	131	Monday 13/01
Rebecca	Bornstein	Social models and mechanisms	BEHAVIORAL AND PHYSIOLOGICAL OUTCOMES OF ACUTE MATERNAL SEPARATION DURING EARLY LIFE	132	Monday 13/01
Michal	Zamberg Elad	Social models and mechanisms	Searching for a Dedicated Social Cognition Network	133	Monday 13/01
PARITOSH	JAISWAL	Social models and mechanisms	Nucleus Accumbens Dynamics during Social Fear Conditioning: Impact of Acute Social Isolation	134	Monday 13/01
Bhanumita	Agrawal	Translational neuroscience	MOLECULAR MECHANISMS UNDERLYING THERAPEUTIC ACTION OF TRANSCRANIAL DIRECT CURRENT STIMULATION	135	Monday 13/01
Hiba	Zaidan	Translational neuroscience	Non-coding RNA changes in adolescent stress-exposed female rats and their offspring	136	Monday 13/01
Sigal	Liraz Zaltsman	Translational neuroscience	DELAYED CONTRAST MRI FOR DEPICTING SHORT/LONG TERM SUBTLE BBB DISRUPTION IN TRAUMATIC BRAIN INJURY	137	Monday 13/01
ronit	yosofov	Translational neuroscience	TRANSCRIPTIONAL REGULATION DEMONSTRATING A CONSTITUTIVE PERSONALITY TRAIT CAPTURED IN MICE MODELS	138	Monday 13/01
amir	benhos	Psychiatric and neurodevelopmental disorders : PTSD	Dietary restriction rescues adaptive behaviors in PTSD-like rats	139	Monday 13/01
Valery	Golderman	Translational neuroscience	The Synergistic Effect of SIXAC and Chemotherapy as a Potential Therapy for Glioblastoma	140	Monday 13/01

The 31st ISFN Annual Meeting

12-14 January, 2025

Dan Hotel | Queen Of Sheba Hotel, Eilat



KALEIDOSCOPE
Collaboration. Shared Experiences.

Suraj	Subramaniam	Translational neuroscience	Bicistronic constructs for all-optical interrogation of neuronal circuits using two-photon optogenetics	141	Monday 13/01
Meytal	Wilf	Translational neuroscience	Recreating the epileptic aura with generative AI	142	Monday 13/01
Einav	Litvak		THE ROLE OF THE INSULAR CORTEX IN THE ANTICIPATORY INSULIN RESPONSE	143	Monday 13/01
Lena	Kreines		Neurofeedback as a tool to explore the limits of brain activity control	144	Monday 13/01
Adria	Dym		Behavioral and neuronal signatures of adolescence in the mouse auditory cortex	145	Monday 13/01
Shir	Galin		The association between mood and Heart Rate Variability: A meta-analysis	146	Monday 13/01
Fatima	Haider		Ketamine's Selective Influence on Cortical Pathways: Unraveling Anesthesia's Complexities.	147	Monday 13/01
Ido	Ben Shitrit		EFFECTS OF ACUTELY SILENCING A THALAMOCORTICAL INPUT ON CANARY SONG SYNTAX	148	Monday 13/01
Jaroslaw	Michalowski		Investigating brain responses towards emotionally-related climate change stories	149	Monday 13/01
Lee	Mitzva		NEWBORN REACTIONS TO MATERNAL PRENATAL STRESS ALTER UMBILICAL CORD BLOOD TRNA FRAGMENTS TARGETING CHOLINERGIC TRANSCRIPTS	150	Monday 13/01
Galina	Berestetsky		MACHINE-LEARNING DEFINED MOTOR FEATURES UNTANGLE ATTENTIONAL LOADS IN VIRTUAL COGNITIVE-MOTOR TASKS	151	Monday 13/01
eshkar	nir		Dynamics and Regulation of Inter-Individual Behavioral Interactions in <i>C. elegans</i> Across Developmental Timescales	152	Monday 13/01
Michaela	Meshi		Orb2 Oligomerization in NPF Neurons as a Molecular Mechanism for Drive Accumulation in <i>Drosophila</i>	153	Monday 13/01
Efrat	Shavit-Stein	Translational neuroscience	Utility of Serum NfL as a Marker for Axonal Damage in Animal Models to Study Neurological Disorders	154	Monday 13/01
Shify	Treger		Learning like Infants Boosts Efficiency and Generalization in Learning Social Prediction Tasks	155	Monday 13/01
Roni	Farkash	Models and Theory : System	Control of Vibrissa Movement by Touch During Active Sensing	156	Monday 13/01
Ori	Rajchert	Neurodegenerative disorders and injury: : Stroke and injury	Direction-dependent dissimilarity of fingers fine-motor control in subacute stroke patients	157	Monday 13/01
William	Saban		High Cognitive Violation of Expectations is Compromised in Cerebellar Ataxia	158	Monday 13/01
Zhenyi	Wang		Implementing arbitrary nonlinear low-dimensional dynamical systems in large neural networks	159	Monday 13/01



The 31st ISFN Annual Meeting

12-14 January, 2025

Dan Hotel | Queen Of Sheba Hotel, Eilat



KALEIDOSCOPE
Collaboration. Shared Experiences.

