



# NEW רולוגיה

רפואת המוח ומערכת העצבים ההיקפית  
הכנס השנתי של האיגוד הנוירולוגי בישראל

הכינוס השנתי של האיגוד  
הנוירולוגי בישראל 2024

The Annual Israel  
Neurological Congress 2024





## SCIENTIFIC PROGRAM

Monday, 23 December 2024

08:00 - 09:00 Gathering and Registration

Parallel Scientific Sessions

09:00 - 10:20 Oral Session 1 - General Neurology

Hall A3

Chairs: Amir Dori & Yacov Ezra

09:00 - 09:10 ITCHING FREQUENCY AND NEUROANATOMIC CORRELATES IN FRONTOTEMPORAL LOBAR DEGENERATION  
**Rafi Hadad**

09:10 - 09:20 UTILIZING DEEP LEARNING TO IMPROVE DIAGNOSTIC ACCURACY IN GLIOMA, PITUITARY TUMORS, AND MENINGIOMAS  
**Alon Gorenstein, Tom Liba, Avner Goren**

09:20 - 09:30 PROGNOSTIC IMPACTS OF AGE, DIAGNOSIS TIME, AND RELAPSES IN PRIMARY CNS LYMPHOMA  
*Sona Ohanyan, Chen Buxbaum, Polina Stein, Shimrit Ringelstein-Harlev, Shahar Shelly*

09:30 - 09:40 TDP-43 ACCUMULATION IN AXONS AND NEUROMUSCULAR JUNCTIONS INHIBITS LOCAL PROTEIN SYNTHESIS AND INDUCES NEURODEGENERATION IN ALS  
**Amir Dori, Eran Perlson**

09:40 - 09:50 NEURO-COPILOT AI: ADVANCED LLM FRAMEWORK FOR NEUROLOGICAL PATIENTS IN THE EMERGENCY ROOM  
**Alon Gorenstein, Shiri Fistel, Moran Sorka, Gregory Telman, Raz Winer, Shlomi Peretz, Dvir Aran, Shahar Shelly**



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

09:50 - 10:00 CHASING SHADOWS: INVESTIGATING X  
CHROMOSOME MEDIATION IN LATE-ONSET  
ALZHEIMER'S DISEASE

**Carmel Armon**, *Lisa Cannon-Albright,*  
*Kristina Allen-Brady, Sharon Wolfson*

10:00 - 10:10 VALIDATION OF A NOVEL METAGENOMICS  
SEQUENCING METHOD FOR THE DIAGNOSIS OF  
INFECTIOUS DISEASES IN THE CNS

**Katya Levytskyi**

10:10 - 10:20 ETHNIC DIFFERENCES IN DEMENTIA DIAGNOSIS  
AND TREATMENT IN ISRAEL

**Haya Bishara**, *Polina Spektor*

10:20 - 10:50 Coffee Break, ePoster Viewing & Professional Exhibition



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

### Parallel Scientific Sessions

09:00 - 10:20 **Oral Session 2 - Stroke & Vascular Diseases** Hall A4

**Chairs: Estelle Seyman & Asaf Honig**

09:00 - 09:10 INFLUENCE OF GLOBAL CEREBRAL BLOOD FLOW ON LARGE VESSEL OCCLUSION

**Stefan Mausbach**

09:10 - 09:20 CTP PARAMETERS ARE ASSOCIATED WITH OUTCOMES IN PATIENTS WITH MEDIUM VESSEL OCCLUSION UNDERGOING ENDOVASCULAR THROMBECTOMY

**Yoel Schwartzmann, Hamza Joubran, Tamer Jubeh, Issa Metanis, Aviva Alpernas, Jeremy Molad, Moshe Gomori, Jose Cohen, Hen Hallevi, Ronen R. Leker**

09:20 - 09:30 CEREBRAL MICROBLEEDS ARE COMMON IN PATIENTS WITH ANTIPHOSPHOLIPID SYNDROME AND MAY PREDICT ACUTE ISCHEMIC STROKE

**Jonathan Naftali, Rani Barnea, Ruth Eliahou, Walid Saliba, Sivan Bloch, Tzippy Shochat, Avi Leader, Eitan Auriel**

09:30 - 09:40 IMPACT OF WARTIME EMOTIONAL STRESS ON INTRACEREBRAL HEMORRHAGE: INSIGHTS FROM A MULTICENTER COHORT STUDY

**Estelle Seyman, Yousef Bahus, Shlomi Peretz, Aviran Priante, Sergiu Sabetay, Amro Biadsee, Yonatan Naftali, Rani Barnea, Issa Metanis, Ronen R. Leker**



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

- 09:40 - 09:50 OPTIMIZING TRANSCRANIAL DOPPLER WITH INJECTION OF AGITATED SALINE STUDY FOR THE ESTIMATION OF RIGHT TO LEFT SHUNT  
**Jeremy Molad, Aviva Alpenas, Muhamad Hawwari, Elizaveta Pustovoyt, Margarita Sherman, Tanya Nissel, Hen Hallevi**
- 09:50 - 10:00 THE IMPACT OF RENAL IMPAIRMENT ON ACUTE ISCHEMIC STROKE PATIENTS UNDERGOING ENDOVASCULAR THROMBECTOMY  
**Asaf Honig, Jeremy Molad, Ronen R Leker**
- 10:00 - 10:10 INCREASED RISK OF RECURRENT STROKE IN PATIENTS WITH IMPAIRED KIDNEY FUNCTION: RESULTS OF A POOLED ANALYSIS OF INDIVIDUAL PATIENT DATA FROM THE MICON INTERNATIONAL COLLABORATION  
**Jeremy Molad, Kaori Miwa, Philip Nash, Hen Hallevi, Natan Bornstein, David Werring, Masatoshi Koga, Einor Ben-Assayag**
- 10:10 - 10:20 CLEARANCE OF CONTRAST MEDIA IN ACUTE ISCHEMIC STROKE: A RETROSPECTIVE COHORT STUDY  
**Vadim Khasminsky, Jonathan Naftali, Rani Barnea, Eitan Auriel, Guy Danieli**
- 10:20 - 10:50 Coffee Break, ePoster Viewing & Professional Exhibition



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

10:50 - 12:30 **Plenary Session 1** **Hall A3**  
**Opening Ceremony**

10:50 - 10:55 **Opening Remarks**  
**Joab Chapman**

10:55 - 11:25 **In Memoriam of Ionas Karousis**  
**Dimitrios Karrousis**

### **Neuro-oncology**

**Chairs: Alexander Lossos & Alisa Talianski**

11:25 - 11:40 **The New Concept of The Primary Brain Tumors**  
**Diagnosis-Who 2021 Classifications and the**  
**Update of the Primary Brain Tumors Treatments**  
**Shlomit Yust Katz**

11:40 - 11:50 **Primary Brain Tumors as Incidental Findings-What**  
**Neurologist Should and Should Not Do**  
**Alexandra Bittan**

11:50 - 12:10 **Neurological Adverse Events of Immunotherapy-**  
**from Checkpoint Inhibitors Via Carts to Bispecific**  
**Monoclonal Antibodies**  
**Alexandra Benouaich- Amiel**

12:10 - 12:20 **Brain Tumor Related Epilepsy**  
**Tarek Keadan**

12:20 - 12:30 **Neurofibromatosis Patients in Clinic of General**  
**Neurology**  
**Felix Bokstein**

12:30 - 13:30 **Lunch, ePoster Viewing & Professional Exhibition**



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

### Parallel Sponsored Sessions

Hall A3


13:30 - 14:10 **Sponsored Symposia 1**

Sponsored by  Eisai

Patient pathways in diagnosis and treatment of early alzheimers disease

**Bregman Noa, Orit Lesman-Segev, Tamir Ben Hur, Rachel Ben Hayun**

14:10 - 14:50 **Sponsored Symposia 2**


Sponsored by  S.R.Y. Medical Services

*(Virtual)*

Beta-Amyloid PET-CT Imaging: basic concepts, clinical uses and future prospects

**Silvia Morbelli (Italy)**

14:50 - 15:30 **Sponsored Symposia 3**

Sponsored by  Dexcel Pharma

The X factor- Xcopri and its role in epilepsy treatmen  
**Moshe Herskovitz**




## SCIENTIFIC PROGRAM

Monday, 23 December 2024

### Parallel Sponsored Sessions

Hall A4


13:30 - 14:10 **Sponsored Symposia 4**

Sponsored by  Pfizer

Back on track: personalized migraine treatment -  
treat and prevent

**Nirit Lev**



14:10 - 14:50 **Sponsored Symposia 5**

Sponsored by  abbvie

Unlocking Migraine Mysteries: Answering the  
Unasked Questions in Treatment

**Daniel Oved, Emily Elefant-Twig**

14:50 - 15:30 **Sponsored Symposia 6**

Sponsored by  Lundbeck 

New player, rapid onset: IV treatment for the  
migraine patients

**Shlomit Yust-Katz**





## SCIENTIFIC PROGRAM

Monday, 23 December 2024

### Parallel Scientific Sessions

<b>15:30 - 16:10</b>	<b>Oral Session 3 - Movement Disorders</b>	<b>Hall A3</b>
<b>Chairs: Nurit Omer &amp; Tsvia Fay-Karmon</b>		
15:30 - 15:40	<b>PREDICTING CREUTZFELDT JAKOB DISEASE: PRIMARY RESULTS FROM A LONGITUDINAL CSF AND BLOOD BIOMARKER STUDY</b> <i>Nurit Omer, Nadav Elkoshi, Mali Gana Weisz, Orly Goldstein, Noa Trablus, Aya Bar David</i>	
15:40 - 15:50	<b>LOWER INCIDENCE OF PARKINSON'S DISEASE IN PATIENTS WITH METABOLIC SYNDROME OR ANY OF ITS COMPONENTS: A LONGITUDINAL STUDY</b> <i>Hila Avisar, Boaz Lerner, Uri Grinbaum, Ruth Djaldetti</i>	
15:50 - 16:00	<b>NEUROPSYCHIATRIC SYMPTOMS IN SPORADIC CREUTZFELDT-JAKOB DISEASE</b> <i>Jennifer Zitser, Sven Forner, Katherine Wong, Jin Chengshi, John Neuhaus, Isabelle E. Allen, Bruce L. Miller, Howard J. Rosen, Katherine P. Rankin, Michael D. Geschwind</i>	
16:00 - 16:10	<b>ESTIMATING PARKINSON DISEASE SEVERITY USING VOICE ANALYSIS</b> <i>Nirit Lev, Nofer Frenkel-Manzour, Hadeel Kenaany, Meir Kestenbaum, Noga Hellmann, Yermiyahu Hauptman Hauptman, Vered Aharonson</i>	



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

16:10 - 16:20 DIFFERENCES IN OCULOMETRIC MEASURES BETWEEN PATIENTS WITH LRRK2-ASSOCIATED AND IDIOPATHIC PARKINSON'S DISEASE  
*Johnathan Reiner, Ruth Djaldetti, Liron Franken, Eitan Raveh, Tali Elkanovich*

16:20 - 16:30 ADULT ONSET ALEXANDER DISEASE AMONG PATIENTS OF JEWISH SYRIAN DESCENT  
*Tsvia Fay-Karmon, Saar Anis, Fadi Shbat, Simon Lassman, Orit Lesman Segev, Nofar Mor, Ortal Barel, Dan Dominissini, Odelia Chorin, Elon Pras, Lior Greenbaum, Sharon Hassin Baer*

### Parallel Scientific Sessions

15:30 - 16:30 **Oral Session 4 - Epilepsy** Hall A4

**Chairs: Dana Ekstein & Felix Benninger**

15:30 - 15:40 BEHIND THE SCENES IN EPILEPSY: USING ONLINE COMMUNITIES AND LARGE LANGUAGE MODELS FOR INSIGHTS INTO PATIENT EXPERIENCES AND CHALLENGES  
**Uriel Fennig, Leehe Savitsky, Elad Yom-Tov**

15:40 - 15:50 EPILEPSY AND BLOOD-BRAIN BARRIER DYSFUNCTION: IMAGING FINDINGS ACROSS MULTIPLE FACILITIES  
**Nir Cafri, Felix Benninger, Alon Friedman, Ilan Goldberg**



## SCIENTIFIC PROGRAM

Monday, 23 December 2024

- 15:50 - 16:00 PROCESSING VIDEO EMBEDDINGS WITH T-SNE FOR DETECTION AND CLASSIFICATION OF EPILEPSY SEIZURES FROM LONG VIDEOS  
**Alexandra Kogan, Anna Zamansky, Ilan Shimshoni, Felix Benninger, Ilan Goldberg**
- 16:00 - 16:10 CONTINUOUS WAVELET TRANSFORM ANALYSIS OF PERI-ICTAL FUNCTIONAL NEAR INFRARED SPECTROSCOPY  
**Netaniel Rein, Revital Shechter, Oshrit Arviv, Dana Ekstein, Tal Benoliel, Diya Doufish, Naomi Froimovich, Yuliya Katz, Guy Rosenthal, Sami Heymann, Zvi Israel, Michal Balberg, Mordekhay Medvedovsky**
- 16:10 - 16:20 PSYCHOPHYSIOLOGICAL CHARACTERISTICS OF PSYCHOGENIC NON-EPILEPTIC, EPILEPTIC AND MIXED SEIZURES  
**Yanina Sherf-Makrov, Sarit Lifshits, Ido Peles, Ilya Trachtenbroit, Shmuel Appel, Yacov Ezra**
- 16:20 - 16:30 EPILEPSY HOT SPOT – WHAT HAPPENS WHEN WE MISS?  
**Eilat Sapirstein, Felix Benninger, Ilan Goldberg, Idit Tamir**



## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

07:30 - 08:30 Gathering and Registration

Parallel Scientific Sessions

08:30 - 09:30 Oral Session 5 - Neuroimmunology

Hall A3

Chairs: **Adi Wilf-Yarkoni & Keren Regev**

08:30 - 08:40 UNUSUAL CENTRAL NERVOUS SYSTEM  
MANIFESTATIONS IN SJÖGREN'S SYNDROME: A  
CASE SERIES

**Adi Cohen, Netaniel Rein, Ariel Rechtman,  
Moshe Gomori, Adi Vaknin- Dembinsky,  
Dana Ekstein, Tal Friedman Korn**

08:40 - 08:50 CLINICAL CORRELATION BETWEEN DISEASE  
PROGRESSSION AND CENTRAL VEIN SIGN IN  
ADOLESCENT ONSET MULTIPLE SCLEROSIS: A  
BINATIONAL STUDY

**Shay Menascu, Simona Halusková**

08:50 - 09:00 MULTIPARAMETRIC ANALYSIS REVEALS TWO  
BIOLOGICALLY, EPIDEMIOLOGICALLY, CLINICALLY,  
AND GENDER-SPECIFIC ENDOTYPES OF  
MYASTHENIA GRAVIS

**Adi Wilf-Yarkoni, Mark Hellmannan, Kfir Oved,  
Socrates Tzartos**

09:00 - 09:10 MIRNA SIGNATURE PROFILE AS A BIOMARKER FOR  
DISEASE ACTIVITY AND TREATMENT RESPONSE IN  
MULTIPLE SCLEROSIS

**Ifat Vigiser, Yoav Zeevi, Yoav Piura, Hadar Kolb,  
Maya Golan, Arnon Karni, Keren Regev**



## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

09:10 - 09:20 DEFINING A CLINICALLY MEANINGFUL COGNITIVE DECLINE ON A COMPUTERIZED COGNITIVE ASSESSMENT BATTERY FOR PEOPLE WITH MULTIPLE SCLEROSIS

*Binat Vaisman, Mark Gudesblatt, Joanna Weller, Matthew Jo, Sivan Bloch, Daniel Golan*

09:20 - 09:30 INCREASED PREVALENCE OF EXTRATHYMIC NEOPLASM IN MYASTHENIA GRAVIS PATIENTS FROM CLALIT MACHINE-LEARNING REGISTRY

*Keshet Pardo, Tasneem Kab, Mark Hellmann, Itay Lotan, Adi Wilf-Yarkoni*

### Parallel Scientific Sessions

08:30 - 09:30 Oral Session 6 - Headache

Hall A4

**Chairs: Shlomit Yust-Katz & Oved Daniel**

08:30 - 08:40 PATTERNS OF PRIOR COVID19 AND EBV INFECTION IN PRIMARY HEADACHE DISORDERS

*Keshet Pardo, Maor Mermelstein, Shlomit Yust*

08:40 - 08:50 THE INTERNATIONAL HEADACHE SOCIETY GLOBAL PRACTICE RECOMMENDATIONS FOR THE ACUTE AND PREVENTIVE PHARMACOLOGICAL TREATMENT OF MIGRAINE (08-09/24)

**Oved Daniel**

08:50 - 09:00 SPONTANEOUS INTRACRANIAL HYPOTENSION - A SINGLE CENTER 5-YEAR EXPERIENCE

*Alona Poplavska, Abraham Ashkenazi*



## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

- 09:00 - 09:10 HEADACHES OCCURRENCE AND CHARACTERISTICS IN WOMEN UNDERGOING IN VITRO FERTILIZATION TREATMENTS  
*Emily Elefant, Tal Maya, Nirit Lev*
- 09:10 - 09:20 THE APPROACH TO PATIENTS SUFFERING FROM NON TRAUMATIC-HEADACHES IN THE EMERGENCY DEPARTMENT  
*May Shachen-Tov, Emily Elefant, Nirit Lev*
- 09:20 - 09:30 FULMINANT IDIOPATHIC INTRACRANIAL HYPERTENSION- CLINICAL CHARACTERISTICS AND CONTINUOUS DRAINAGE AS A NOVEL TREATMENT APPROACH  
*Yoel Schwartzmann, Samuel Moscovici, Hamza Jubran, Dana Ekstein, Tamir Ben-Hur, Joshua M Kruger*
- 09:30 - 11:00 **Plenary Session 2 - Cognitive Neurology** **Hall A3**  
**In collaboration with the Israeli Society for Cognitive Neurology**  
**In Memoriam - Prof. Nir Giladi**  
**Chairs: David Tanne & Judith Aharon-Peretz**
- 09:30 - 09:50 Atypical Alzheimer Disease Variants  
**Ithamar Ganmore**
- 09:50 - 10:10 Revised criteria for Alzheimer's disease and Blood Biomarkers  
**David Tanne**
- 10:10 - 10:30 Alzheimer Disease Therapies: Current and Future Directions  
**Noa Bregman**



## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

10:30 - 10:50 Post Traumatic Dementia  
**Judith Aharon-Peretz**

10:50 - 11:00 Discussion

11:00 - 11:10 Award Ceremony

11:10 - 11:30 Coffee Break, ePoster Viewing & Professional Exhibition

### Parallel Sponsored Sessions

Hall A3

11:30 - 12:10 Sponsored Symposia 7

Sponsored by **abbvie**

Introducing Subcutaneous Therapy for Advanced Parkinson's Disease: A Community and Specialist Perspective

**David Arkadir, Tzvia Faye Carmon, Gabriel Vainstein**

12:10 - 12:50 Sponsored Symposia 8

Sponsored by **AstraZeneca** 

The Challenge of Hereditary Transthyretin-mediated Amyloid Polyneuropathy: Not another case of Diabetic Neuropathy

**Shahar Shelly**

12:50 - 13:30 Sponsored Symposia 9

Sponsored by  **DR. SAMURLEV**

Anxiety in neurological disorders. Diagnosis and treatment

**Oren Tene**

13:30 - 14:15 Lunch, ePoster Viewing & Professional Exhibition



## SCIENTIFIC PROGRAM

Monday, 23 December 2024







## SCIENTIFIC PROGRAM

Monday, 23 December 2024





## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

### Parallel Sponsored Sessions

Hall A4


11:30 - 12:50 **Sponsored Symposia 10**

Sponsored by  **NOVARTIS**

Breaking the Cycle: Advancements in Preventive Migraine Treatments with Insights from Germany and Israel

**Dagny Holle-Lee (Germany) (Virtual), Oved Daniel**

12:50 - 13:30 **Sponsored Symposia 11**

Sponsored by  **Takeda**

Thought You Knew Everything About CIDP?

Diagnosis, ADVANCE-1 updates and At Home fSCIG Treatment Practical Approach to

**Adi Hersalis-Eldar**

13:30 - 14:15 **Lunch, ePoster Viewing & Professional Exhibition**

14:15 - 15:30 **Sponsored Symposia 12**

Sponsored by  **NEOPHARM ISRAEL**

*(Virtual)*

**Chair: Tamir Ben-Hur**

Ublituximab -Value of the First Glycoengineered mAb in MS

**Ralf Gold (Germany)**

C5 terminal inhibition with Ravulizumab:

Advancing the field of gMG treatment

**Gil Wolfe (USA)**

Hall A3



## SCIENTIFIC PROGRAM

Tuesday, 24 December 2024

15:30 - 17:00 **Plenary Session 3 - NeuroImmunology** **Hall A3**

**Chair: Tamir Ben-Hur & Joab Chapman**

15:30 - 15:52 *Interactive Lecture*

Atypical inflammatory neuropathies and neuropathy mimics

**Marc Gotkine**



15:52 - 16:15 New criteria for multiple sclerosis

**Adi Wilf-Yarkoni**

16:15 - 16:38 Physical exercise in multiple sclerosis

**Ofira Einstein**

16:38 - 17:00 Voiding dysfunction in MS patients

**Yariv Stabholz**

17:00 - 18:00 **Israel Neurological Association Meeting**



## מפגש פורום סיעוד ומקצועות בריאות נוירולוגיה

Roche

יום שלישי, 24 בדצמבר 2024 Hall A5 בחסות

- 11:30 - 12:00 איזון סימפטומים בדגש על איכות חיים  
בחולים נוירואונקולוגיים  
ענת מרדכי, מתאמת נוירואונקולוגיה  
בית החולים הדסה עין כרם
- 12:00 - 12:30 תוכנית לשיפור תזונה בחולי דמנציה  
תורכי עלי, אח קליני מח' נוירולוגיה רמב"ם
- 12:30 - 13:10 חידושים בטיפול בדימום מוחי  
דר' אסטל סאימן, מנהלת מחלקת נוירולוגיה ב'-שבץ  
רמב"ם חברת ועד החברה הישראלית לשבץ מוחי
- 13:10 - 13:30 סיכום היום בדגש על פתיחת השדה הקליני  
הנוירולוגי למשתלמים מחו"ל  
דימה רוזנפלד, יו"ר פורום האחיות הנוירולוגי הארצי
- 13:30 - 14:15 ארוחת צהריים



## מפגש פורום סיעוד ומקצועות בריאות נירולוגיה

**Roche**

**בחסות Hall A5 24 בדצמבר 2024**

התכנסות 07:30 - 08:30

**דברי פתיחה 08:30 - 08:45**

פרופ' צפמן, יו"ר האיגוד הנירולוגי בישראל ויו"ר פורום  
האחיות הנירולוגי הארצי,  
דימה רוזנפלד ויעל ספרן

**08:45 - 09:25 סטנדרטים וכשירות מקצועית בין שגרה לחירום**

דר' הגר ברוך, מנהלת המחלקה להנחיות מקצועיות  
באֶחָיוֹת, מנהל האֶחָיוֹת, משרד הבריאות

**09:25 - 10:10 סולנות, ממש לא בדידות**

דר' שרון אוסט-מור מנהלת מחלקת ריפוי בעיסוק  
המרכז הרפואי פלימן עמיתת מחקר במכון לחקר  
ולימוד הזקנה, אוניברסיטת חיפה

**10:10 - 11:00 ליקוי קוגניטיבי בחולי טרשת נפוצה -**

פתוגנזה, אבחון וטיפול דר' דניאל גולן סגן מנהל  
מחלקה נירולוגית ואחראי תחום טרשת נפוצה  
ונירואימונולוגיה, מרכז רפואי כרמל

**11:00 - 11:30 הפסקת קפה וצפייה בפוסטרים**



# NEW רולוגיה

רפואת המוח ומערכת העצבים ההיקפית  
הכנס השנתי של האיגוד הנוירולוגי בישראל

abbvie  teva

MEDISON  MERCK

  sanofi 

