

**PROGRAM**  
28<sup>TH</sup> Annual Meeting  
Neve Ilan Resort Hotel  
March 13-14, 2008

**תכנית**

הכינוס השנתי ה- 28  
מלון נוה אילן  
14-13 מרץ, 2008

**עריכת התוכנית:**

ד"ר דרור שרון בעזרת ד"ר רון עפרי, ד"ר איתן בלומנטל ופרופ' מרדכי רוזנר

**עיצוב והבאה לדפוס:** יעקב אלבוז, הדסה עין-כרם.

## יושבי-ראש של האגודה הישראלית לחקר העין והראיה

### CHAIRMEN OF THE ISRAEL SOCIETY FOR VISION AND EYE RESEARCH

Prof. Elaine Berman	1979-1982	פרופ' איליין ברמן ז"ל
Prof. Michael Belkin	1983-1985	פרופ' מיכאל בלקין
Prof. Saul Merin	1986-1989	פרופ' שאול מרין
Prof. Shabtay Dikstein	1990-1993	פרופ' שבתאי דיקשטיין
Prof. Fabian Abraham	1994-1996	פרופ' פביאן אברהם ז"ל
Prof. Ido Perlman	1997-1999	פרופ' אידו פרלמן
Prof. Jacob Pe'er	2000-2003	פרופ' יעקב פאר
Prof. Ahuva Dovrat	2004-2006	פרופ' אהובה דברת
Prof. Mordechai Rosner	2007-	פרופ' מרדכי רוזנר

**חברי ועד האגודה הישראלית לחקר העין והראיה**

**BOARD MEMBERS OF THE ISRAEL SOCIETY FOR  
VISION AND EYE RESEARCH**

Prof. Mordechai Rosner	Chairman	יו"ר	פרופ' מרדכי רוזנר
Prof. Jacob Pe'er	Treasurer	מזכיר-גזבר	פרופ' יעקב פאר
Prof. Gadi Katzir			פרופ' גדי קציר
Prof. Abraham Solomon			פרופ' אברהם סולומון
Prof. Avraham Spierer			פרופ' אברהם שפירר
Prof. Eyal Banin			פרופ' איל בנין
Dr. Eytan Blumenthal			ד"ר איתן בלומנטל
Dr. Ron Ofri			ד"ר רון עופרי
Dr. Dror Sharon			ד"ר דרור שרון

מרצים זוכים המקבלים פרס על עבודות שהוצגו בכינוס השנתי ה-27, מרץ 2007

**RECIPIENTS OF AWARDS FOR THE BEST POSTERS AND  
TALKS PRESENTED AT THE 27<sup>TH</sup> MEETING, MARCH 2007**

1. שימרית דדון – אוניברסיטת תל-אביב  
SHIMRIT DADON- TEL- AVIV UNIVERSITY  
עבור הפוסטר:  
FOR THE POSTER:  
**"Molecular changes in the mouse retina following induction of  
central retinal artery occlusion"**
  
2. הדס בן-אלי – האוניברסיטת העברית בירושלים  
HADAS BEN ELI - HEBREW UNIVERSITY, JERUSALEM  
עבור הפוסטר:  
FOR THE POSTER:  
**"Novel psychophysical test for diagnosis of age related macular  
degeneration by identification of combined color vision and  
contrast sensitivity defects"**
  
3. גילי פלג – אוניברסיטת חיפה  
GILI PELEG – UNIVERSITY OF HAIFA  
עבור ההרצאה:  
FOR THE ORAL PRESENTATION:  
**"Hereditary family signature of facial expression"**
  
4. נעה דיוויס-סילברמן – אוניברסיטת תל-אביב  
NOA DAVIS-SILBERMAN- TEL- AVIV UNIVERSITY  
עבור ההרצאה:  
FOR THE ORAL PRESENTATION:  
**"Genetic dissection of pax6 dosage requirments in the developing  
eye"**

הפרסים בחסות:  
העמותה למחקר בריאות העין ומניעת עיוורון בישראל



The Israeli Research Association for  
Eye Health and Blindness Prevention (R.A.)  
העמותה למחקר בריאות העין ומניעת עיוורון בישראל (ע"ר)

**ISRAEL SOCIETY FOR VISION AND EYE RESEARCH  
XXVIII ANNUAL MEETING  
NEVE ILAN RESORT  
PROGRAM AT A GLANCE**

**Thursday, March 13, 2008**

<b>Registration and Coffee</b>	<b>Exhibition Hall</b>	<b>08:00 – 08:30</b>
<b>Opening Remarks</b>	<b>“SHARON” Hall</b>	<b>08:30 – 08:35</b>
<b>Poster Session 1</b>	<b>“SHARON” Hall</b>	<b>08:35 – 09:30</b>
<b>Imaging and Oncology</b>	<b>“SHARON” Hall</b>	<b>09:30 – 10:30</b>
<b>Coffee and Posters</b>	<b>Exhibition Halls</b>	<b>10:30 – 11:00</b>
<b>Poster Session 2</b>	<b>“SHARON” Hall</b>	<b>11:00 – 12:10</b>
<b>Retina</b>	<b>“SHARON” Hall</b>	<b>12:10 – 13:10</b>
<b>Lunch break</b>	<b>Dining Room</b>	<b>13:10 – 14:10</b>
<b>Guest Lecture 1</b>	<b>“SHARON” Hall</b>	<b>14:15 – 14:45</b>
<b>Business Meeting</b>	<b>“SHARON” Hall</b>	<b>14:45 – 15:15</b>
<b>Neuroprotection and Glaucoma</b>	<b>“SHARON” Hall</b>	<b>15:15 – 16:30</b>
<b>Poster viewing, Wine &amp; Cheese</b>	<b>Exhibition Halls</b>	<b>16:30 – 17:30</b>
<b>Visual Function</b>	<b>“SHARON” Hall</b>	<b>17:30 – 18:30</b>
<b>Dinner (optional)</b>	<b>Caravan restaurant, Abu-Ghosh</b>	<b>19:30</b>

**Friday, March 14, 2008**

<b>Coffee and posters</b>	<b>Exhibition Hall</b>	<b>08:00 – 08:30</b>
<b>Neovascularization</b>	<b>“SHARON” Hall</b>	<b>08:30 – 09:30</b>
<b>Refraction, lens, &amp; strabismus</b>	<b>“SHARON” Hall</b>	<b>09:30 – 10:30</b>
<b>Guest Lecture 2</b>	<b>“SHARON” Hall</b>	<b>10:30 – 11:00</b>
<b>Coffee and Posters</b>	<b>Exhibition Halls</b>	<b>11:00 – 11:30</b>
<b>Genetics</b>	<b>“SHARON” Hall</b>	<b>11:30 – 12:40</b>
<b>Cornea</b>	<b>“SHARON” Hall</b>	<b>12:40 – 13:40</b>
<b>Concluding Remarks</b>	<b>“SHARON” Hall</b>	<b>13:40 – 13:45</b>

# PROGRAM

**Thursday, March 13, 2008**

**Registration** 08:00 – 08:30

**Opening Remarks** 08:30 – 08:35

**Prof. Mordechai Rosner**

**Session I – Poster presentations 1** 08:35 – 09:30

**Moderators: Prof. Avraham Solomon and Dr. Ron Ofri**

1. **FIBRIN GLUE FOR OPPOSING WOUND EDGES IN “TOP HAT” PENETRATING KERATOPLASTY**  
(1) \* KAISERMAN IGOR (1) BAHAR IRIT (1) SLOMOVIC ALLAN (1) MCALLUM PENNY (1) ROOTMAN DAVID  
(1) OPHTHALMOLOGY DEPARTMENT, TORONTO WESTERN HOSPITAL, UNIVERSITY OF TORONTO, ONTARIO, CANADA
2. **RADICAL VERSUS PARTIAL SUBCONJUNCTIVAL PTERYGIUM EXCISION WITH CONJUNCTIVAL AUTOGRAFT: OUTCOMES AND RECURRENCE RATES**  
(1) \* KAISERMAN IGOR (1) BAHAR IRIT (1) WEISBROD MAX (1) MCALLUM PENNY (1) SLOMOVIC ALLAN  
(1) OPHTHALMOLOGY DEPARTMENT, TORONTO WESTERN HOSPITAL, UNIVERSITY OF TORONTO, ONTARIO, CANADA
3. **THE EFFECT OF ND:YAG LASER POSTERIOR CAPSULOTOMY ON OCULAR WAVEFRONT ABERRATIONS**  
(1) \* LEVY JAIME (1) KLEMPERER ITAMAR (1) ASHKENAZY ZACH (1) BELFAIR NADAV (1) KRATZ ASSAF (1) LIFSHITZ TOVA  
(1) DEPARTMENT OF OPHTHALMOLOGY, SOROKA UNIVERSITY MEDICAL CENTER, BEER-SHEVA, ISRAEL
4. **SCREENING OF DIABETIC RETINOPATHY: THE RELIABILITY OF FUNDUS EXAMINATION BY A NON-OPHTHALMOLOGIST**  
(1) \* CARNEY ALON (2) VERSHININ MARINA (1) NAMIR A (1) DUNSKI A (3) MISHAL YUSUF (2) LEVARTOVSKY SHMUEL  
(1) DEPARTMENT OF FAMILY MEDICINE, SIAAL RESEARCH CENTER FOR FAMILY MEDICINE AND PRIMARY CARE, FACULTY OF HEALTH SCIENCES, BEN-GURION UNIVERSITY OF THE NEGEV, BEER-SHEVA (2) DEPARTMENT OF OPHTHALMOLOGY, BARZILAI MEDICAL CENTER, ASHKELON (3) INTERNAL MEDICINE WARD B, BARZILAI MEDICAL CENTER, ASHKELON

5. **TREATMENT WITH TOPICAL LOMEFLOXACIN 0.3% VERSUS CHLORAMPHENICOL 0.2% WITH POLYMYXCIN B 2500 U/ML IN PATIENTS AFTER STRABISMUS SURGERY**  
 (1) \* SNIR MOSHE (2) HASANREISOGLU MURAT (1) FRILING RONIT (1) GOLDENBERG-COHEN NITZA (2) (2) WEINBERGER DOV EHRlich RITA (1) BAGAN JUDITH (2) AXER-SIEGEL RUTH (1) PEDIATRIC OPHTHALMOLOGY UNIT, SCHNEIDER CHILDREN'S MEDICAL CENTER OF ISRAEL (2) DEPARTMENT OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, BEILINSON HOSPITAL, PETAH TIKVA, ISRAEL
  
6. **IS THE PI3K-AKT SIGNALING PATHWAY INVOLVED IN THE DEVELOPMENT OF RETINOBLASTOMA?**  
 (1) \* MERHAVI-SHOHAM EFRAT (1) AVRAHAM BAT CHEN REVITAL (1) SAVETSKY MICHAEL (2) COHEN YORAM (3) FRENKEL SHAHAR (3) PE'ER JACOB (4) GOLDENBERG-COHEN NITZA  
 (1) THE KRIEGER EYE RESEARCH LABORATORY, FELSENSTEIN MEDICAL RESEARCH CENTER, PETAH TIQWA (2) DEPARTMENT OF GYNECOLOGY, SHEBA CANCER RESEARCH CENTER, SHEBA MEDICAL CENTER, TEL HASHOMER (3) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM (4) DEPARTMENT OF OPHTHALMOLOGY, SCHNEIDER MEDICAL CENTER OF ISRAEL, PETAH TIQWA
  
7. **COMPLICATIONS OF CONGENITAL CATARACT SURGERY WITH PRIMARY INTRAOCULAR LENS (IOL) IMPLANTATION**  
 (1) \* BIRMAN HAR-NOY NURIT (1) BAR-SELA SHAY (1) SPIERER ABRAHAM  
 (1) THE PEDIATRIC OPHTHALMOLOGY SERVICE, GOLDSCHLEGER EYE INSTITUTE, SHEBA MEDICAL CENTER, TEL HASHOMER.
  
8. **QUALITY OF LIFE OF PATIENTS TREATED FOR UVEAL MELANOMA**  
 (1) \* ROSENNE HADAS (2) FRENKEL SHAHAR (2) HENDLER KAREN (2) BARUCH RONEN (2) PE'ER JACOB  
 (1) DEPARTMENT OF SOCIAL WORK (2) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM
  
9. **SERUM BIOMARKERS VS. LIVER FUNCTION TESTS IN THE EARLY DIAGNOSIS OF METASTATIC UVEAL MELANOMA**  
 (1) \* HENDLER KAREN (1) FRENKEL SHAHAR (1) BARUCH RONEN (2) KAISERMAN IGOR (3) FOLBERG ROBERT (4) KALICKMAN INNA (4) BARAK VIVIAN (1) PE'ER JACOB  
 (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM (2) DEPARTMENT OF OPHTHALMOLOGY, BARZILAI MEDICAL CENTER, ASHKELON (3) DEPARTMENT OF PATHOLOGY, UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO, IL, USA (4) DEPARTMENT OF ONCOLOGY,

HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER,  
JERUSALEM

10. **INFLUENCE OF UVA-RIBOFLAVIN CORNEAL COLLAGEN CROSS LINKING ON BIOMECHANICAL PROPERTIES OF KERATOCONIC EYES.**  
(1) \* GOLDICH YAKOV (1) BARKANA YANIV (1) RASKO ADI (1) AVNI ISAAC (1) ZADOK DAVID  
(1) DEPARTMENT OF OPHTHALMOLOGY, ASSAF HAROFEH MEDICAL CENTER, ZERIFIN
11. **COMPARISON BETWEEN TONOPEN XL, THE TRANSPALPEBRAL TONOMETER TGDC-01, AND GOLDMANN TONOMETRY AFTER PENETRATING KERATOPLASTY**  
(1) \* WAISBOURD MICHAEL (1) SHEMESH GABI (1) VARSSANO DAVID (1) MICHAELI ADI (1) KURTZ SHIMON  
(1) DEPARTMENT OF OPHTHALMOLOGY, TEL AVIV SOURASKY MEDICAL CENTER
12. **INFANTILE EXOTROPIA AND LONG-TERM NEUROLOGICAL OUTCOME**  
(1) ASHKENAZY LIMOR (2) NEVO YORAM (3) \* ANTEBY IRENE  
(1) OPHTHALMOLOGY DEPT, HADASSAH MEDICAL CENTER (2) PEDIATRIC NEUROLOGY UNIT, HADASSAH MEDICAL CENTER (3) OPHTHALMOLOGY DEPT, HADASSAH MEDICAL CENTER
13. **HIGH FREQUENCY ULTRASOUND FOR COMPARING ANTERIOR SEGMENT MORPHOMETRIC VALUES BEFORE AND AFTER PARS PLANA VITRECTOMY**  
(1) \* NEUDORFER MEIRA (1) OREN NIR (1) BERKNER LIOR (1) GOLDSTEIN MICHAELLA (1) BARAK ADIEL  
(1) DEPARTMENT OF OPHTHALMOLOGY, TEL AVIV MEDICAL CENTER, TEL AVIV
14. **GLAUCOMA DETECTION WITH MATRIX AND STANDARD ACHROMATIC PERIMETRY**  
(1) \* BURGANSKY - ELIASH ZVIA (2) WOLLSTEIN GADI (2) PATEL AVNI (2) ISHIKAWA HIROSHI (3) JONES BOBBY (2) SCHUMAN JOEL  
(1) THE EDITH WOLFSON MEDICAL CENTER, DEPARTMENT OF OPHTHALMOLOGY, HOLON (2) 2UPMC EYE CENTER, OPHTHALMOLOGY AND VISUAL SCIENCE RESEARCH CENTER, UNIVERSITY OF PITTSBURGH SCHOOL OF MEDICINE, PITTSBURGH, PA (3) H. JOHN HEINZ III SCHOOL OF PUBLIC POLICY AND MANAGEMENT, CARNEGIE MELLON UNIVERSITY, PITTSBURGH, PA



15. **ADVANTAGE IN CONTRAST DISCRIMINATION IN PATIENT WITH DEPRESSION**  
 (1) \* ZOMET ATIV (2) AMIAZ REVITAL (1) POLAT URI  
 (1) GOLDSCHLEGER EYE RESEARCH INSTITUTE, TEL-AVIV UNIVERSITY, SHEBA MEDICAL CENTER, TEL HASHOMER,  
 (2) DEPT. OF PSYCHIATRY, SHEBA MEDICAL CENTER, 52621 TEL HASHOMER.
16. **DOES ABNORMAL BINOCULAR EXPERIENCE DURING CRITICAL PERIOD LIMIT NORMAL DEVELOPMENT OF VISUAL COGNITIVE FUNCTIONS?**  
 (1) \* GOTTHILF-NEZRI DANA (2) GILAIE-DOTAN SHARON (3) PERRY ANAT (2) BONNEH YORAM (4) BENTIN SHLOMO (2) MALACH RAFAEL (1) POLAT URI  
 (1) DEPARTMENT OF MEDICINE, GOLDSCHLEGER EYE RESEARCH INSTITUTE, TEL-AVIV UNIVERSITY, SHEBA MEDICAL CENTER, TEL-HASHOMER (2) DEPARTMENT OF NEUROBIOLOGY, THE WEIZMANN INSTITUTE OF SCIENCE, REHOVOT (3) DEPARTMENT OF PSYCHOLOGY, THE HEBREW UNIVERSITY OF JERUSALEM, JERUSALEM (4) CENTER FOR NEURAL COMPUTATION, THE HEBREW UNIVERSITY OF JERUSALEM, JERUSALEM.
17. **COMBINED SURGERY FOR A PATTERN ESOTROPIA AND EXOTROPIA**  
 (1) \* RON YONINA (1) SNIR MOSHE (2) AXER-SEIGEL RUTH (1) FRILING RONIT  
 (1) PEDIATRIC OPHTHALMOLOGY UNIT, SCHNEIDER CHILDREN'S MEDICAL CENTER OF ISRAEL, PETAH TIQWA (2) DEPARTMENT OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, PETAH TIQWA
18. **NERVE FIBER LAYER THICKNESS IN GLAUCOMA PATIENTS WITH ASYMMETRIC HEMIFIELD VISUAL FIELD LOSS**  
 (1) \* WOLFSON JULIA (1) FISHELSON-AREV TAGIL (1) SEGEV EITAN (1) GEYER ORNA  
 (1) CARMEL MEDICAL CENTER, HAIFA
19. **RETINAL NERVE FIBER LAYER THICKNESS IN PATIENTS WITH MILD COGNITIVE IMPAIRMENT**  
 (1) \* NEUDORFER MEIRA (1) NAFTALIEV ELVIRA (2) WARCHAPOFF VERONICA (2) KORCZYN AMOS (1) KESLER ANAT  
 (1) DEPARTMENT OF OPHTHALMOLOGY (2) DEPARTMENT OF NEUROLOGY, TEL AVIV MEDICAL CENTER
20. **CHARACTERISTICS OF ORBITAL LYMPHOMA: A CLINICOPATHOLOGICAL STUDY OF 20 CASES**  
 (1) \* BRISCOE DANIEL (1) TON YOKRAT (2) SHAPIRO HAVA (1) ASSIA EHUD (3) KIDRON DVORAH  
 (1) DEPARTMENT OF OPHTHALMOLOGY (2) DEPARTMENT OF HEMATOLOGY (3) DEPARTMENT OF PATHOLOGY, MEIR MEDICAL CENTER, KFAR SABA

21. **COMPUTER ASSISTED QUANTIFICATION OF THE BLOOD-RETINAL BARRIER**  
(1) \* TOMKINS OREN (1) GARZOZI HANNA J  
(1) DEPARTMENT OF OPHTHALMOLOGY, BNAI ZION MEDICAL CENTER, HAIFA.
22. **FOVEAL CONTRAST SENSITIVITY ASSESSMENT IN DIABETIC PATIENTS USING A NOVEL COMPUTERIZED METHOD**  
(1) \* KATZ GABRIEL (1) TREISTER GIORA (1) LEVKOVITCH-VERBIN HANI (1) BELKIN MICHAEL (2) ILANY JAKOB (1) POLAT URI  
(1) GOLDSCHLEGER EYE RESEARCH INSTITUTE, TEL-AVIV UNIVERSITY, SHEBA MEDICAL CENTER, TEL-HASHOMER  
(2) THE INSTITUTE OF ENDOCRINOLOGY, SHEBA MEDICAL CENTER, TEL-HASHOMER.
23. **UTILIZING FUNCTIONAL MAGNETIC RESONANCE IMAGING TO EVALUATE THE FOVEAL FUNCTION IN RESPONSE TO A FLASH STIMULUS**  
(1, 2) MR. ERDINEST NIR (1) PROF. SOLOMON ABRAHAM (1) PROF. BANIN EYAL (2) MRS. BICK ATIRA (3) PROF. GOMORI JOHN MOSHE (4) DR. RAZ NOA (4) DR. LEVIN NETTA  
(1) DEPARTMENTS OF OPHTHALMOLOGY (3) RADIOLOGY AND (4) NEUROLOGY, HADASSAH HEBREW UNIVERSITY MEDICAL CENTER AND (2) THE DEPARTMENT OF NEUROBIOLOGY, LIFE SCIENCE INSTITUTE, HEBREW UNIVERSITY JERUSALEM.

**Session II – Imaging and Oncology**

09:30 – 10:30

**Moderators: Prof. Jacob Pe'er and Dr. Igor Kaiserman**

- 09:30-09:40     **CORNEAL WOUND MALAPPOSITION AFTER PENETRATING KERATOPLASTY – AN OPTICAL COHERENCE TOMOGRAPHY STUDY**  
(1) \* KAISERMAN IGOR (1) BAHAR IRIT (1) ROOTMAN DAVID  
(1) DEPARTMENT OF OPHTHALMOLOGY, TORONTO WESTERN HOSPITAL, UNIVERSITY OF TORONTO, TORONTO, ONTARIO, CANADA
- 09:40-09:50     **COMPARISON OF DIAGNOSTIC METHODS FOR VITREORETINAL LYMPHOMA**  
(1) \* PE'ER JACOB (1) FRENKEL SHAHAR (1) HENDLER KAREN (2) KALICKMAN INNA (2) SHERMAN YOAV (3) MALY BELA (4) BEN YEHUDA DINA (2) BARAK VIVIAN  
(1) DEPARTMENT OF OPHTHALMOLOGY (2) DEPARTMENT OF ONCOLOGY (3) DEPARTMENT OF PATHOLOGY (4) DEPARTMENT OF HEMATOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM
- 09:50-10:00     **THE ROLE OF SERUM BIOMARKERS IN PREDICTING METASTATIC UVEAL MELANOMA**  
(1) \* BARAK VIVIAN (2) KAISERMAN IGOR (3) FRENKEL SHAHAR (3) HENDLER KAREN (1) KALICKMAN INNA (4) FOLBERG ROBERT (3) PE'ER JACOB  
(1) DEPARTMENT OF ONCOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL SCHOOL, JERUSALEM (2) DEPARTMENT OF OPHTHALMOLOGY, BARZILAI MEDICAL CENTER, ASHKELON (3) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM (4) DEPARTMENT OF PATHOLOGY, UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO, IL, USA
- 10:00-10:10     **MEASURING RETINAL BLOOD FLOW VELOCITY USING THE RETINAL FUNCTION IMAGER IN PATIENTS WITH DIABETIC RETINOPATHY**  
(1) \* A. BARAK (2,3) Z. BURGANSKY-ELIASH (3) D. NELSON (3) O. PUPKO (1) A. LOWENSTEIN (4) A.GRINVALD  
(1) DEPARTMENT OF OPHTHALMOLOGY, SOURASKY MEDICAL CENTER, TEL AVIV (2) DEPARTMENT OF OPHTHALMOLOGY, THE EDITH WOLFSON MEDICAL CENTER, HOLON (3) OPTICAL IMAGING LTD., REHOVOT (4) DEPARTMENT OF NEUROBIOLOGY, WEIZMANN INSTITUTE OF SCIENCE, REHOVOT



AVIV UNIVERSITY (2) DEPARTMENT OF OPHTHALMOLOGY,  
SCHNEIDER-RABIN MEDICAL CENTER, SACKLER SCHOOL OF  
MEDICINE.

27. **RANIBIZUMAB VS BEVACIZUMAB TREATMENT OF CORNEAL NEOVASCULARIZATION IN MICE**  
(1) \* DRATVIMAN OLGA (2) AVISAR INBAL (2) KREMER ISRAEL (2)  
WEINBERGER DOV (2) GOLDENBERG-COHEN NITZA  
(1) THE KRIEGER EYE RESEARCH LABORATORY, FELSENSTEIN  
MEDICAL RESEARCH CENTER, PETAH TIQWA (2) DEPARTMENT  
OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, PETAH TIQWA.
28. **NEUROPROTECTIVE ROLE OF HYPERBARIC OXYGEN  
CHAMBER THERAPY IN ISCHEMIC OPTIC NEUROPATHY IN A  
MURINE MODEL**  
(1) \* DADON SHIMRIT (2) HASANREISOGLU MURAT (2)  
WEINBERGER DOV (2) GOLDENBERG-COHEN NITZA  
(1) THE KRIEGER EYE RESEARCH LABORATORY, FELSENSTEIN  
MEDICAL RESEARCH CENTER, PETAH TIQWA (2) DEPARTMENT  
OF OPHTHALMOLOGY, RABIN MEDICAL CENTER PETAH TIQWA.
29. **THERAPEUTIC EFFECT OF SUBCONJUNCTIVAL AND  
INTRAOCULAR BEVACIZUMAB (AVASTIN) INJECTIONS IN A  
MOUSE MODEL OF CORNEAL NEOVASCULARIZATION**  
(1) \* AVISAR INBAL (2) DRATVIMAN OLGA (1) KREMER ISRAEL (1)  
WEINBERGER DOV (1) GOLDENBERG-COHEN NITZA  
(1) DEPARTMENT OF OPHTHALMOLOGY , RABIN MEDICAL  
CENTER, PETAH TIQWA (2) KRIEGER EYE RESEARCH  
LABORATORY, FELSENSTEIN MEDICAL RESEARCH CENTER,  
PETAH TIQWA, TEL AVIV UNIVERSITY
30. **THE EXPRESSION OF THE SPECIFIC SIGNAL TRANSDUCER  
VAV1 IN HUMAN UVEAL MELANOMA**  
(1) \* LAZER GALIT (1) PE'ER LIRON (2) MEIR TAL (2) CHOWERS  
ITAY (2) PE'ER JACOB (1) KATZAV SHULAMIT  
(1) HUMPHREY CENTER FOR EXPERIMENTAL MEDICINE AND  
CANCER, HEBREW UNIVERSITY-HADASSAH MEDICAL SCHOOL,  
JERUSALEM (2) DEPARTMENT OF OPHTHALMOLOGY,  
HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER,  
JERUSALEM
31. **TOPICAL MITOMYCIN C FOR THE TREATMENT OF PRIMARY  
ACQUIRED MELANOSIS WITH ATYPIA AS A CAUSE OF LIMBAL  
STEM CELL DEFICIENCY**  
(1) \* LICHTINGER ALEJANDRO (1) PE'ER JACOB (1) JAOUNI TAREQ  
(1) FRUCHT-PERY JOSEPH (1) SOLOMON ABRAHAM  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW  
UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL

32. **THE IMPORTANCE OF VEGF FOR NORMAL FUNCTION OF THE RABBIT RETINA**  
 (1) \* SOUDRY SHIRI (2) ZEMEL ESTHER (1) LOEWENSTEIN ANAT  
 (2) PERLMAN IDO  
 (1) DEPARTMENT OF OPHTHALMOLOGY, TEL AVIV MEDICAL CENTER, SACKLER FACULTY OF MEDICINE, TEL AVIV UNIVERSITY, TEL AVIV (2) DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS, RUTH & BRUCE RAPPAPORT FACULTY OF MEDICINE, TECHNION- ISRAEL INSTITUTE OF TECHNOLOGY, HAIFA
33. **NOVEL CONE OPSIN GENE CLUSTER MUTATIONS IN ISRAELI PATIENTS WITH X-LINKED CONE DEFICIENCIES**  
 (1) \* MIZRAHI-MEISSONNIER LILIANA (1) BIDA LINA (1) BANIN EYAL (1) SHARON DROR  
 (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL.
34. **IDENTIFICATION OF GENES CAUSING RETINAL DEGENERATIVE DISEASES IN CONSANGUINEOUS FAMILIES FROM THE ISRAELI AND PALESTINIAN POPULATIONS**  
 (1) \* BANDAH DIKLA (1) BIDA LINA (2) STROM TIM (1) BANIN EYAL (1) SHARON DROR  
 (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL (2) INSTITUTE OF HUMAN GENETICS, NEUHERBERG, GERMANY
35. **THE INVOLVEMENT OF MMPS IN OCULAR RESPONSE TO CHEMICAL INJURY IN RABBITS INDICATES THE USE OF MMPS INHIBITORS AS POTENTIAL THERAPY.**  
 (1) \* GIVANT-HORWITZ VERED (1) DACHIR SHLOMIT (1) COHEN LIAT (1) SHALEM YOAV (1) GUTMAN HILA (1) COHEN MAAYAN (1) FISHBINE ELIEZER (1) TURETZ JOSEPH (1) KADAR TAMAR (1) AMIR ADINA  
 (1) DEPARTMENT OF PHARMACOLOGY, ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH, NESS ZIONA
36. **ENHANCED CONE FUNCTION AND SURVIVAL IN RD10 MICE TREATED WITH ZINC-DEFERRIOXAMINE COMPLEX**  
 (1) \* OBOLENSKY ALEXEY (1) LEDERMAN MICHAL (2) BULVIK BARUCH (2) BERENSHTEIN EDUARD (2) CHEVION MORDECHAI (1) CHOWERS ITAY (1) BANIN EYAL  
 (1) OPHTHALMOLOGY, HEBREW UNIVERSITY-HADASSAH MEDICAL SCHOOL, JERUSALEM (2) CELLULAR BIOCHEMISTRY AND HUMAN GENETICS, HEBREW UNIVERSITY-HADASSAH MEDICAL SCHOOL, JERUSALEM.

37. **ACHE EXPRESSION IN Y79 CELLS DURING APOPTOSIS RESULTING FROM HYPERGLYCEMIA**  
(1) \* SHEHADEH MASHA'OUR RANEEN (1) RONIT HEINRICH (2) HANNA GARZOZI (1) IDO PERLMAN  
(1) RUTH AND BRUCE RAPPAPORT FACULTY OF MEDICINE, TECHNION, HAIFA, ISRAEL. DEPARTMENT OF OPHTHALMOLOGY, BNAI-ZION MEDICAL CENTER, HAIFA (2) DEPARTMENT OF OPHTHALMOLOGY, BNAI-ZION MEDICAL CENTER, HAIFA.
38. **SEMAPHORIN-3A EXPRESSION AND ASSOCIATED BIOCHEMICAL AND CELLULAR EVENTS IN EXPERIMENTAL RETINAL DETACHMENT MODEL IN RAT**  
(1) \* KLEBANOV OLGA (1) NITZAN ANAT (2) BARZILAI ARI (1) SOLOMON ARIEH  
(1) GOLDSCHLEGER EYE RESEARCH INSTITUTE, HAIM SHEBA MEDICAL CENTER, TEL HASHOMER. (2) DEPARTMENT OF NEUROBIOCHEMISTRY, GEORGE S. WISE, FACULTY OF LIFE SCIENCES, TEL AVIV UNIVERSITY.
39. **RESTORATION OF OPTIC NERVE ORGANIZATION AND REMOVAL OF REPULSIVE CUES ENHANCE AXONAL REGENERATION**  
(1) \* NITZAN ANAT (2) BARZILAI ARI (1) SOLOMON ARIEH S. (1) GOLDSCHLEGER EYE RESEARCH INSTITUTE, CHAIM SHEBA MEDICAL CENTER, TEL HASHOMER. (2) DEPARTMENT OF NEUROBIOCHEMISTRY, GEORGE S. WISE FACULTY OF LIFE SCIENCES, TEL AVIV UNIVERSITY.
40. **MECHANISMS OF METHOTREXATE-INDUCED CORNEAL EPITHELIOPATHY**  
(1) \* KRUGER JOSHUA (1) PE'ER JACOB (1) SOLOMON ABRAHAM (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM
41. **CHARACTERIZATION OF RETINAL DEGENERATION IN THE CHEMOKINE RECEPTOR-2 DEFICIENT MOUSE (CCR2-/-)**  
(1) \* HOROWITZ SMADAR (1) WEISS AVRAHAM (2) FELDMESSER ESTER (1) CHOWERS ITAY  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL (2) BIOINFORMATICS UNIT, DEPARTMENT OF BIOLOGICAL SERVICES, WEIZMANN INSTITUTE OF SCIENCE, REHOVOT.

42. **ASSOCIATION BETWEEN SINGLE NUCLEOTIDE POLYMORPHISMS (SNPS) IN CHEMOKINE RECEPTOR GENES AND AGE RELATED MACULAR DEGENERATION IN ISRAEL**  
(1) \* HOROWITZ SMADAR (1) GALBINUR TURAL (1) MEIR TAL (2) WEINSTEIN ORLY (3) AXER-SIEGEL RUTH (1) CHOWERS ITAY (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM (2) DEPARTMENT OF OPHTHALMOLOGY, SOROKA MEDICAL CENTER, BEN-GURION UNIVERSITY OF THE NEGEV, BEER-SHEVA (3) DEPARTMENT OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, PETAH TIQVA.
43. **VISUAL PROCESSING UNDER LIMITING VISUAL CONDITIONS**  
(1) \* MESHULAM ADIELA (1) YEHEZKEL OREN (1) MANDEL YOSHI (1) ROSNER MORDECHAI (1) BELKIN MICHAEL (1) POLAT URI (1) TEL AVIV UNIVERSITY, SACKLER FACULTY OF MEDICINE, GOLDSCHLEGER EYE RESEARCH INSTITUTE, SHEBA MEDICAL CENTER, TEL HASHOMER
44. **EFFECT OF ASCORBIC ACID ON ENDOTHELIAL CELL LOSS DURING PHACOEMULSIFICATION**  
(1) \* TON YOKRAT (1) EZRA-NIMNI ORIT (1) GEFFEN NOA (1) ASSIA EHUD  
(1) MEIR MEDICAL CENTER, KFAR-SABA, ISRAEL
45. **NFKB TRANSCRIPTION FACTOR AS A THERAPEUTIC TARGET IN UVEAL MELANOMA**  
(1) \* DROR RINAT (1) LEDERMAN MICHAL (2) UMEZAWA KAZUO (3) BARAK VIVIAN (1) PE'ER JACOB (1) CHOWERS ITAY (1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL (2) DEPARTMENT OF APPLIED CHEMISTRY, KEIO UNIVERSITY, YOKOHAMA, JAPAN (3) IMMUNOLOGY LABORATORY FOR TUMOR DIAGNOSIS, HADASSAH HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL
46. **PARA-AMINOBENZOIC ACID MAY PROTECT RETINAL FUNCTION AND STRUCTURE IN THE RD10 MOUSE MODEL OF RETINITIS PIGMENTOSA**  
(1) \* GALBINUR TURAL (1) OBOLENSKY ALEXEY (2) BERENSHTEIN EDUARD (2) VINOKUR VLADIMIR (2) CHEVION MORDECHAI (1) CHOWERS ITAY (1) BANIN EYAL (1) DEPARTMENTS OF OPHTHALMOLOGY AND (2) CELLULAR BIOCHEMISTRY AND HUMAN GENETICS, HEBREW UNIVERSITY-HADASSAH MEDICAL SCHOOL, JERUSALEM, ISRAEL



47. **THE PREVALENCE OF PSEUDOEXFOLIATION SYNDROME IN ISRAEL. SINGLE CENTER STUDY.**  
 (1) \* ZALISH MIRIAM (1) POLLACK AYALA (1) SHOHAM NIR  
 (1) DEPARTMENT OF OPHTHALMOLOGY, KAPLAN MEDICAL CENTER, REHOVOT, AFFILIATED TO THE HEBREW UNIVERSITY AND HADASSAH MEDICAL SCHOOL, JERUSALEM, ISRAEL
48. **HAPTOGLOBIN GENOTYPE AND RETINOPATHY OF PREMATURITY**  
 (1) \* MEZER EEDY (2) MAKHOUL IMAD (3) MILLER-LOTAN RACHEL (1) KOCHAVI ORNA (4) MELAMUD ALINA (5) TAMIR ADA (6) DAVIKIN OLGA (2) SUJOV POLO (6) ROTSCCHILD AVI (3) LEVY ANDREW (1) MILLER BENJAMIN  
 (1) OPHTHALMOLOGY, RAMBAM HEALTH CARE CAMPUS (2) NEONATOLOGY, RAMBAM HEALTH CARE CAMPUS (3) MOLECULAR BIOLOGY, FACULTY OF MEDICINE, TECHNION, I.I.T (4) OPHTHALMOLOGY, CARMEL MEDICAL CENTER (5) BIOSTATISTICS, FACULTY OF MEDICINE, TECHNION, I.I.T. (6) NEONATOLOGY, CARMEL MEDICAL CENTER
49. **RETINAL TOXICITY OF INTRAVITREAL KETOROLAC TROMETHAMINE IN THE RABBIT'S EYE**  
 (1) \* HEILWEIL GAD (2) KOMAROWSKA IZABELA (2) PERLMAN IDO (3) ROSENFELD PHILIP (1) LOEWENSTEIN ANAT  
 (1) DEPARTMENT OF OPHTHALMOLOGY, TEL-AVIV MEDICAL CENTER, SACKLER FACULTY OF MEDICINE, TEL- AVIV UNIVERSITY, TEL AVIV (2) DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS, RUTH & BRUCE RAPPAPORT FACULTY OF MEDICINE, TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY AND THE RAPPAPORT INSTITUTE, HAIFA (3) BASCON PALMER EYE INSTITUTE, MILLER SCHOOL OF MEDICINE, UNIVERSITY OF MIAMI. FLORIDA USA
50. **PAX6 IS REQUIRED FOR THE MELANOGENESIS OF THE RETINAL PIGMENTED EPITHELIUM**  
 (1)\* RAVIV SHAUL (1) ANTES RAN (1) LENA SHISTIC (1) YOFFE CHEN (1) ASHERY-PADAN RUTH  
 (1) SACKLER FACULTY OF MEDICINE, DEPARTMENT OF HUMAN MOLECULAR GENETICS AND BIOCHEMISTRY, TEL-AVIV UNIVERSITY, TEL AVIV, ISRAEL
51. **GENETIC DISSECTION OF PAX6 DOSAGE REQUIREMENTS IN THE DEVELOPING IRIS**  
 (1)\* DAVIS SILBERMAN NOA, (2) BERGER JOACHIM, (1) RAMIZOV LENA, (3) TAMM ERNST, (1) ASHERY-PADAN RUTH  
 (1) DEPT. OF HUMAN MOLECULAR GENETICS, SACKLER SCHOOL OF MEDICINE, TEL-AVIV UNIVERSITY, ISRAEL (2) MAX-PLANCK INSTITUTE FOR BIOPHYSICAL CHEMISTRY, GOTTINGEN, GERMANY (3) INSTITUTE OF HUMAN ANATOMY AND

- EMBRYOLOGY, UNIVERSITY OF REGENSBURG, GERMANY
52. **UNRAVELING THE MOLECULAR MECHANISMS REGULATED BY PAX6 IN MAMMALIAN RETINOGENESIS**  
(1) \*ELGART MICHAEL (1) ORON-KARNI VARDA (1) \*OREN-GILADY PAZIT (2) RECHAVI GIDEON (1) ASHERY-PADAN RUTH (1) DEPT. OF HUMAN MOLECULAR GENETICS, SACKLER SCHOOL OF MEDICINE, TEL-AVIV UNIVERSITY, ISRAEL  
(2) SHEBA CANCER RESEARCH CENTER AND PEDIATRIC HEMATO-ONCOLOGY

**Session IV - Retina**

12:10-13:10

**Moderators: Prof. Ido Perlman and Dr. Itay Chowers**

- 12:10-12:20 **EVALUATION OF THE PITUITARY-ADRENAL AXIS FUNCTION FOLLOWING INTRAVITREAL TRIAMCINOLONE ACETONIDE INJECTION**  
(1) \* AMIRAN MAOZ (1) LANG YARON (1) SARTANI GIL (1) MAZZAWI NAEL (2) ISHAY AVRAHAM (2) LUBOSHITZKY RAFAEL  
(1) DEPARTMENT OF OPHTHALMOLOGY, HA'EMEK MEDICAL CENTER (2) ENDOCRINE INSTITUTE, HA'EMEK MEDICAL CENTER
- 12:20-12:30 **THE ACCURACY OF A NEW HOME-MONITORING-AMD-PERIMETER FOR THE DETECTION OF CNV**  
(1) \* GOLDSTEIN MICHAELA (1) LOEWENSTEIN ANAT (2) FERENCZ J.R. (3) LANG Y (4) YESHURUN I (5) POLLACK A (6) SIEGAL R (7) KARP J (8) LIFSHITZ T  
(1) OPHTHALMOLOGY, TEL AVIV MEDICAL CENTER  
(2) OPHTHALMOLOGY, SAPIR MEDICAL CENTER  
(3) OPHTHALMOLOGY, HAEMEK MEDICAL CENTER  
(4) OPHTHALMOLOGY, WOLFSON MEDICAL CENTER  
(5) OPHTHALMOLOGY, KAPLAN MEDICAL CENTER  
(6) OPHTHALMOLOGY, RABIN MEDICAL CENTER  
(7) MACHON MOR MEDICAL CENTER  
(8) OPHTHALMOLOGY, SOROKA MEDICAL CENTER
- 12:30-12:40 **RETINAL FUNCTION AND STRUCTURE IN THE HYPOTRANSFERRINEMIC (HPX) MOUSE**  
(1) \* CHOWERS ITAY (1) OBOLENSKEY ALEX (1) BANIN EYAL (2) CHEVION MORDECHAI (1) LEDERMAN MICHAL  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH - HEBREW UNIVERSITY MEDICAL CENTER (2) DEPARTMENT OF BIOCHEMISTRY, HEBREW UNIVERSITY - HADASSAH MEDICAL SCHOOL



**Session V – Neuroprotection and Glaucoma** 15:15 – 16:30

**Moderators: Prof. Ayala Pollack and Dr. Hani Levkovitch-Verbin**

- 15:15-15:25 **MINOCYCLINE IS NEUROPROTECTIVE IN GLAUCOMA AND OPTIC NERVE TRANSECTION BY AFFECTING INFLAMMATORY GENES AND THE BCL-2 FAMILY EXPRESSION**  
(1) \* LEVKOVITCH-VERBIN HANI (1) DARDIK RIMA (1) NISGAV YAEL (1) VANDER SHELLY (1) MELAMED SHLOMO (1) GOLDSCHLEGER EYE INSTITUTE, SAM ROTHBERG MOLECULAR BIOLOGY LAB, SHEBA MEDICAL CENTER, TEL-HASHOMER
- 15:25-15:35 **NEUROPROTECTION OF LASER-INJURED RETINA BY INTRAVITREAL SALINE INJECTION**  
(1) \* BELOKOPYTOV MARK (2) SHULMAN SHIRI (1) DUBINSKY GALINA (1) BELKIN MICHAEL (1) ROSNER MORDECHAI  
(1) GOLDSCHLEGER EYE RESEARCH INSTITUTE, TEL HASHOMER, ISRAEL (2) OPHTHALMOLOGY DEPARTMENT, SAPIR MEDICAL CENTER, KFAR-SAVA, ISRAEL
- 15:35-15:45 **RPE DERIVED FROM HUMAN EMBRYONIC STEM CELLS PROVIDES FUNCTIONAL AND STRUCTURAL RESCUE IN THE RCS RAT MODEL OF RETINAL DEGENERATION**  
(1) \* ALPER RUSLANA (1) BOLENSKY ALEXEY (2) IDELSON MARIA (1) HEMO ITSHAK (1) YAUL RUTH (2) REUBINOFF BENJAMIN (1) BANIN EYAL  
(1) CENTER FOR RETINAL AND MACULAR DEGENERATIONS, DEPARTMENT OF OPHTHALMOLOGY, AND (2) CENTER FOR HUMAN EMBRYONIC STEM CELLS, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL
- 15:45-15:55 **CO2 LASER ASSISTED NON PENETRATING DEEP SCLERECTOMY- EXPERIMENTAL STUDY**  
(1) \* TON YOKRAT (2) ZALISH MIRIAM (2) KLEINMANN GUY  
(1) GEFFEN NOA (1) ASSIA EHUD  
(1) MEIR MEDICAL CENTER, KFAR-SABA, ISRAEL  
(2) KAPLAN MEDICAL CENTER, REHOVOT, ISRAEL
- 15:55-16:05 **ERYTHROPOIETIN AND ITS RECEPTORS ARE ELEVATED IN THE NEUROGLIAL RETINA PRIOR TO NEOVASCULARIZATION IN THE DIABETIC, HOMOZYGOUS REN2 TRANSGENIC RAT**  
(1) \* MATHALONE NURIT (2) BOYD SHELLEY R  
(1) OPHTHALMOLOGY, CARMEL MEDICAL CENTER, HAIFA, ISRAEL (2) OPHTHALMOLOGY, ST MICHAEL'S HOSPITAL, UNIVERSITY OF TORONTO, TORONTO, CANADA

- 16:05-16:15     **GLAUCOMA IN FIRST DEGREE RELATIVES.**  
(1) \* SHOHAM NIR (1) PARNES REUT (1) KATZ HAYA (1)  
POLLACK AYALA  
(1) DEPARTMENT OF OPHTHALMOLOGY, KAPLAN MEDICAL  
CENTER, REHOVOT, AFFILIATED TO THE HEBREW  
UNIVERSITY AND HADASSAH MEDICAL SCHOOL,  
JERUSALEM, ISRAEL.
- 16:15-16:25     **ROLE OF IRON AND FERRITIN IN ISCHEMIC  
PRECONDITIONING OF THE RETINA**  
(1) \* BANIN EYAL (1) OBOLENSKY ALEXEY (2)  
BERENSHTEIN EDUARD (2) CHEVION MORDECHAI  
(1) OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY  
MEDICAL CENTER (2) CELLULAR BIOCHEMISTRY AND  
HUMAN GENETICS, HEBREW UNIVERSITY-HADASSAH  
MEDICAL SCHOOL, JERUSALEM, ISRAEL

**Poster viewing**     (Exhibition Halls)     16:30 – 17:30  
**Wine & Cheese**

**Session VI - Visual function**

17:30 – 18:30

**Moderators: Prof. Michael Belkin and Dr. Uri Polat**

- 17:30-17:40    **LESS IS MORE: THE PERCEPTUAL ADVANTAGE OF BEING COLOR BLINDED**  
(1) \* DORON RAVID (1) MESHULAM ADIELA (1) MANDEL YOSSY (1) ROSNER MORDECHAI (1) BELKIN MICHAEL (1) POLAT URI  
(1) TEL AVIV UNIVERSITY, SACKLER FACULTY OF MEDICINE, GOLDSCHLEGER EYE RESEARCH INSTITUTE TEL HASHOMER
- 17:40-17:50    **EMMETROPISATION PROCESS INDUCE "CORTICAL ASTIGMATISM" IN THE ADULTS VISUAL CORTEX**  
(1) \* YEHEZKEL OREN (1) POLAT URI  
(1) TEL AVIV UNIVERSITY, SACKLER FACULTY OF MEDICINE, GOLDSCHLEGER EYE RESEARCH INSTITUTE, TEL HASHOMER
- 17:50-18:00    **NEUROVISION TREATMENT RESULTS IN ADULTS WITH UNILATERAL AMBLYOPIA**  
(1) \* LICHTER HENIA (1) LEVINGER ELIYA (1) KREMER ISRAEL (1) MERMER LIOR (1) BEN SIMON LISA (1) SHTRECHMAN GAL (1) LEVINGER SHMUEL  
(1) ENAIM REFRACTIVE SURGERY CENTERS – ISRAEL
- 18:00-18:10    **NON-VISUAL FACTORS MODULATING 'VISUAL' CORTEX: MULTISENSORY INTEGRATION AND SENSORY SUBSTITUTION IN BLIND AND SIGHTED INDIVIDUALS.**  
(1,2) \* AMIR AMEDI (2) WILLIAM STERN (2) LOTFI MERABET (1) ELLA STRIEM (3) PETER MEIJER (2) ALVARO PASCUAL-LEONE  
(1) DEPT. OF PHYSIOLOGY - FACULTY OF MEDICINE & PROGRAM OF COGNITIVE SCIENCE, THE HEBREW UNIVERSITY OF JERUSALEM, ISRAEL (2) BERENSON-ALLEN CENTER FOR NONINVASIVE BRAIN STIMULATION, DEPARTMENT OF NEUROLOGY, BETH ISRAEL DEACONESS MEDICAL CENTER, HARVARD MEDICAL SCHOOL, BOSTON, MASSACHUSETTS USA (3) NXP SEMICONDUCTORS, HIGH TECH CAMPUS 31, EINDHOVEN, THE NETHERLANDS.

18:10-18:20    **NEAR VISION REDUCED NEED OF ACCOMMODATION  
VIA SPECIAL MYOPIA CORRECTING LENSES**  
(1) \* ZALEVSKY ZEEV (2) YEHEZKEL OREN (3) BEN YAISH  
SHAI (3) ZLOTNIK ALEX (2) BELKIN MICHAEL  
(1) SCHOOL OF ENGINEERING, BAR-ILAN UNIVERSITY,  
52900 RAMAT-GAN (2) GOLDSHLEGER EYE RESEARCH  
INSTITUTE, TEL AVIV UNIVERSITY, TEL HASHOMER  
(3) XCEED IMAGING LTD, PETACH TIKVA.

18:20-18:30    **NOVEL ABERRATION CORRECTION LENS FOR  
MYOPIA, PRESBYOPIA AND ASTIGMATISM**  
(1) \* BEN YAISH SHAI (1) ZLOTNIK ALEX (2) YEHEZKEL  
OREN (2) BELKIN MICHAEL (3) ZALEVSKY ZEEV  
(1) XCEED IMAGIN TDG, PETACH TIKVA (2)  
GOLDSHLEGER EYE RESEARCH INSTITUTE, TEL AVIV  
UNIVERSITY, TEL HASHOMER (3) SCHOOL OF  
ENGINEERING, BAR-ILAN UNIVERSITY, RAMAT-GAN.

**Dinner** – 19:30, Caravan Restaurant, Abu-Gosh (optional)

**Friday, March 14, 2008**

**Coffee and Posters (Exhibition Hall) 08:00 – 08:30**

**Session VII - Neovascularization 08:30 – 09:30**

**Moderators: Prof. Ruth Siegel and Dr. Irina Barequet**

- 08:30-08:40     **THE EFFECT OF BEVACIZUMAB ON MICE EXPOSED TO HIGH OXYGEN LEVELS IN A ROP MODEL**  
(1) \* PRIEL AYELET (1) ROSNER MORDECHAI (1) SPIERER ABRAHAM  
(1) THE GOLDSCHLEGER EYE INSTITUTE, SACKLER SCHOOL OF MEDICINE, SHEBA MEDICAL CENTER, TEL-HASHOMER
- 08:40-08:50     **THE INHIBITORY EFFECT OF DIFFERENT CONCENTRATIONS OF TOPICAL BEVACIZUMAB ON CORNEAL NEOVASCULARIZATION**  
(1) \* BAREQUET IRINA S (1) HABOT-WILNER ZOHAR (1) IVANIR YAIR (1) MOISSEIEV JOSEPH (1) ROSNER MORDECHAI  
(1) GOLDSCHLEGER EYE INSTITUTE, SACKLER SCHOOL OF MEDICINE, TEL-AVIV UNIVERSITY, SHEBA MEDICAL CENTER, TEL-HASHOMER
- 08:50-09:00     **INTRAVITREAL BEVACIZUMAB AS A SALVAGE TREATMENT FOR ROP**  
(1) \* SIEGEL RUTH (2) RON YONINA (2) FRLIING RONIT (1) WEINBERGER DOV (2) SNIR MOSHE  
(1) DEPT OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, BEILINSON CAMPUS (2) PEDIATRIC OPHTHALMOLOGY UNIT, SCHNEIDER'S CHILDREN MEDICAL CENTER OF ISRAEL
- 09:00-09:10     **INHIBITION OF CORNEAL NEOVASCULARIZATION FOLLOWING CHEMICAL INJURY**  
(1) \* KADAR TAMAR (1) COHEN LIAT (1) DACHIR SHLOMIT (1) TURETZ JOSEPH (1) FISHBINE ELIEZER (1) SAHAR RITA (1) GUTMAN HILA (1) COHEN MAAYAN (1) GIVANT-HORWITZ VERED (1) AMIR ADINA  
(1) DEPARTMENT OF PHARMACOLOGY, ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH, NESS ZIONA



- 09:10-09:20      **INTRAOPERATIVE AVASTIN FOR FILTRATION SURGERY IN THE RABBIT**  
 (1) \* FISHELSON-AREV TAGIL (1) SEGEV EITAN (1) GEYER ORNA  
 (1) CARMEL MEDICAL CENTER, HAIFA
- 09:20-09:30      **THE EFFECTIVENESS OF BEVACIZUMAB (AVASTIN) IN PREVENTION OF CORNEAL NEOVASCULARIZATION IN A RAT MODEL**  
 (1) \* SEGAL AVICHAH (1) LEVY JAIME (1) LIFSHITZ TOVA (2) SHEON-VARDI NETA  
 (1) OPHTHALMOLOGY, SOROKA UNIVERSITY MEDICAL CENTER (2) PATHOLOGY, SOROKA UNIVERSITY MEDICAL CENTER

**Session VIII - Refraction, lens, & strabismus**                      09:30-10:30

**Moderators: Prof. Ahuva Dovrat and Dr. Chaim Stolovitch**

- 09:30-09:40      **OUTCOME PREDICTION SYSTEM FOR EXCIMER LASER PHOTO-REFRACTIVE KERATECTOMY (PRK)**  
 (1) \* COHEN RAMI (2) SCHIMMEL DEBORAH (3) ZADOK DAVID (4) VARSSANO DAVID  
 (1) IN PARTIAL FULFILLMENT OF THE M.D. THESIS REQUIREMENTS OF THE SACKLER FACULTY OF MEDICINE, TEL AVIV UNIVERSITY (2) DEPARTMENT OF OPHTHALMOLOGY, RABIN MEDICAL CENTER, PETAH TIQUA AND SACKLER SCHOOL OF MEDICINE, TEL AVIV UNIVERSITY (3) DEPARTMENT OF OPHTHALMOLOGY, ASSAF HAROFEH MEDICAL CENTER, ZERIFIN, AND SACKLER SCHOOL OF MEDICINE, TEL AVIV UNIVERSITY (4) DEPARTMENT OF OPHTHALMOLOGY, TEL AVIV MEDICAL CENTER AND SACKLER SCHOOL OF MEDICINE, TEL AVIV UNIVERSITY
- 09:40-09:50      **DIFFERENT INSULTS INDUCE DIFFERENT PATHWAYS ON THE WAY TO CATARACT FORMATION**  
 (1) \* DOVRAT AHUVA  
 (1) RAPPAPORT FACULTY OF MEDICINE, TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY, HAIFA,
- 09:50-10:00      **COMPARING NEAR DRY RETINOSCOPY TO CYCLOPLEGIC RETINOSCOPY**  
 (1) FEIT NATAN (2) GOTESMAN NAVA (3) \* STOLOVITCH CHAIM  
 (1) ASUTA EYE INSTITUTE (2) ASUTA EYE INSTITUTE (3) TEL AVIV MEDICAL CENTER

- 10:00-10:10     **A NEW AND PARALLAX-FREE EXOPHTHALMOMETER**  
 (1) \* VARDIZER YOAV (2) MOURITS MAARTEN  
 (1) BNAI ZION MEDICAL CENTER, HAEMEK MEDICAL  
 CENTER (2) AMC, AMSTERDAM
- 10:10-10:20     **TREATMENT OF VARIABLE OR INTERMITTENT  
 STRABISMUS WITH BOTULINUM TOXIN**  
 (1) \* RON YONINA (2) VANDERVEEN DEBORAH K (2)  
 FAJARDO NORMAN (2) HUNTER DAVID  
 (1) PEDIATRIC OPHTHALMOLOGY UNIT, SCHNEIDER  
 CHILDREN'S MEDICAL CENTER OF ISRAEL, PETAH TIQWA  
 (2) DEPARTMENT OF OPHTHALMOLOGY, CHILDREN'S  
 HOSPITAL BOSTON, HARVARD MEDICAL SCHOOL, BOSTON,  
 MA
- 10:20-10:30     **SHORT DURATION PRESOAKING TIME OF HYDROPHILIC  
 IOL IN ANTIBIOTIC VERSUS INTRACAMERAL  
 ANTIBIOTIC INJECTION**  
 (1) \* KLEINMANN GUY (1) MARCOVICH ARIE L (2)  
 BRONSHTEIN RELI (3) BEN ELIAHU SHMUEL (1) POLLACK  
 AYALA (4) MAMALIS NICK (4) OLSON RANDALL J (4) APPLE  
 DAVID J  
 (1) OPHTHALMOLOGY DEPARTMENT, KAPLAN MEDICAL  
 CENTER (2) OPHTHALMOLOGY DEPARTMENT, WESTERN  
 GALILEA HOSPITAL - NAHARIYA (3) HARLAN BIOTECH,  
 ISRAEL (4) JOHN A MORAN EYE CENTER, UNIVERSITY OF  
 UTAH

**Guest Lecture 2**

10:30 – 11:00

**Prof. Martine Jager, ARVO President**

**Department of Ophthalmology, Leiden University Medical  
 Center, Leiden, Holland**

**TITLE: Macrophages in Cancer**

**Coffee and Posters (Exhibition Halls)**

11:00 – 11:30

## Session IX - Genetics

11:30 – 12:40

**Moderators: Dr. Tamar Ben-Yosef and Dr. Ruth Ashery-Padan**

- 11:30-11:40     **EVALUATING SUPPRESSION OF NONSENSE MUTATIONS BY AMINOGLYCOSIDE ANTIBIOTICS AS AN INTERVENTION FOR VISION LOSS IN TYPE I USHER SYNDROME**  
(1) \* REBIBO SABBAAH ANNIE (2) NUDELMAN IGOR (3) AHMED ZUBAIR M. (3) FRIEDMAN THOMAS B. (2) BAASOV TIMOR (1) BEN-YOSEF TAMAR  
(1) GENETICS DEPARTMENT, RAPPAPORT FACULTY OF MEDICINE, TECHNION, HAIFA (2) DEPARTMENT OF CHEMISTRY, INSTITUTE OF CATALYSIS SCIENCE AND TECHNOLOGY, TECHNION, HAIFA (3) LABORATORY OF MOLECULAR GENETICS, NATIONAL INSTITUTE ON DEAFNESS AND OTHER COMMUNICATION DISORDERS, NIH, ROCKVILLE, MD, USA
- 11:40-11:50     **A NOVEL SPLICE-SITE MUTATION OF TULP1 UNDERLIES SEVERE EARLY-ONSET RETINITIS PIGMENTOSA IN A CONSANGUINEOUS ISRAELI MUSLIM ARAB FAMILY**  
(1) \* ABBASI ANAN H. (2) GARZOZI HANNA J. (1) BEN-YOSEF TAMAR  
(1) DEPARTMENT OF GENETICS AND THE RAPPAPORT FAMILY INSTITUTE FOR RESEARCH IN THE MEDICAL SCIENCES, RAPPAPORT FACULTY OF MEDICINE, TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY, HAIFA  
(2) DEPARTMENT OF OPHTHALMOLOGY, BNAI ZION MEDICAL CENTER, HAIFA.
- 11:50-12:00     **GENETIC ANALYSIS OF INHERITED RETINAL DISEASES IN THE ISRAELI AND PALESTINIAN POPULATIONS-FOUNDER VERSUS PRIVATE MUTATIONS**  
(1) \* SHARON DROR (1) MIZRAHI-MEISSONNIER LILIANA (1) BIDA LINA (1) BANDAH DIKLA (1) MERIN SAUL (1) BANIN EYAL  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM
- 12:00-12:10     **GENETIC ANALYSIS OF CONSANGUINEOUS FAMILIES WITH PREDOMINANT CONE DISEASES USING HOMOZYGOSITY MAPPING**  
(1) \* BIDA LINA (1) BANDAH DIKLA (2) STROM TIM (1) MERIN SAUL (1) BANIN EYAL (1) SHARON DROR  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM, ISRAEL (2) INSTITUTE OF HUMAN GENETICS, NEUHERBERG, GERMANY

- 12:10-12:20     **STRONG FOUNDER EFFECT IN ISRAELI OCULOCUTANEOUS ALBINISM TYPE I (OCAI) POPULATIONS**  
 (1) \* BLUMENFELD ANAT (1) BEJARANO-ACHACHE IDIT (1) MAFTSIR GENIA (1) MIZRAHI-MEISSONNIER LILIANA (1) NUSINKER ZIVA (2) KARPATI THOMAS (2) ELI DALIA (1) ANTEBY IRENE (2) ROSENMANN ADA  
 (1) OPHTHALMOLOGY, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM (2) MICHAELSON INSTITUTE FOR REHABILITATION OF LOW VISION, HADASSAH-HEBREW UNIVERSITY MEDICAL CENTER, JERUSALEM
- 12:20-12:30     **ALBINISM WITHOUT NYSTAGMUS IN A FAMILY WITH TEMPERATURE-SENSITIVE TYROSINASE POLYMORPHISM MIMICKING X-LINKED OCULAR ALBINISM**  
 (1) \* GRADSTEIN LIBE (2) FITZGIBBON EDMOND J. (3) HUIZING MARJAN (3) ANAHTAR MELIS (2) HEJTMANCIK J. FIELDING (4) TANG JOHNNY (2) CARUSO RAFAEL C. (2) BLAIN DELPHINE (2) BROOKS BRIAN P.  
 (1) DEPT. OF OPHTHALMOLOGY, SOROKA MEDICAL CENTER, BEN GURION UNIVERSITY, BEER SHEVA (2) NATIONAL EYE INSTITUTE, NIH, BETHESDA, MARYLAND (3) NATIONAL HUMAN GENOME RESEARCH INSTITUTE, NIH, BETHESDA, MARYLAND (4) SCHEPENS RETINA ASSOCIATES, BOSTON, MASSACHUSETTS
- 12:30-12:40     **DUAL ROLE OF PAX6 WITHIN TWO DISTINCT RETINAL PROGENITOR CELL POOLS**  
 (1) \* FARHY CHEN (1) ORON-KARNI VARDA (1) ELGART MICHAEL (1) YARON ORLY (1) ASHERY-PADAN RUTH (1) SACKLER FACULTY OF MEDICINE, DEPARTMENT OF HUMAN MOLECULAR GENETICS AND BIOCHEMISTRY, TEL-AVIV UNIVERSITY, TEL AVIV

**Session X - Cornea**

12:40 – 13:40

**Moderators: Dr. Rahamim Avisar and Dr. David Zadok**

- 12:40-12:50     **EFFECT OF MITOMYCIN C IN PTERYGIUM SURGERY ON CORNEAL ENDOTHELIUM**  
 (1) \* AVISAR RAHAMIM (2) AVISAR INBAL (2) BAHAR IRIT (2) WEINBERGER DOV  
 (1) HASHARON HOSPITAL (2) BELINSON CAMPUS

- 12:50-13:00     **INFLUENCE OF DIABETES MELLITUS ON  
BIOMECHANICAL PROPERTIES OF THE CORNEA**  
(1) \* GOLDICH YAKOV (1) BARKANA YANIV (1) RASKO ADI  
(1) AVNI ISAAC (1) ZADOK DAVID  
(1) DEPARTMENT OF OPHTHALMOLOGY, ASSAF HAROFEH  
MEDICAL CENTER, ZERIFIN
- 13:00-13:10     **MYCOPHENOLIC ACID SHOWS COMPARABLE  
INHIBITORY EFFECTS TO MITOMYCIN-C ON PTERYGIUM  
AND NORMAL HUMAN TENON FIBROBLASTS**  
(1) \* AMER RADGONDE (1) RABINOWICH LIANE (2)  
PUXEDDU ILARIA (2) LEVI-SCHAFFER FRANCESCA (1)  
SOLOMON AVRAHAM  
(1) DEPARTMENT OF OPHTHALMOLOGY, HADASSAH-  
HEBREW UNIVERSITY HOSPITAL (2) DEPARTMENT OF  
PHARMACOLOGY, SCHOOL OF PHARMACY, FACULTY OF  
MEDICINE, THE HEBREW UNIVERSITY OF JERUSALEM
- 13:10-13:20     **RED HAIR AND CLONING OF THE BRITTLE CORNEA  
GENE**  
(1) \* PRAS ERAN (2) ABU ALMOGIT (2) PRAS ELON  
(1) THE DEPARTMENT OF OPHTHALMOLOGY, ASSAF  
HAROFEH MEDICAL CENTER, ZERIFIN. (2) THE DANEK  
GARTNER INSTITUTE OF HUMAN GENETICS, SHEBA  
MEDICAL CENTER, TEL HASHOMER.
- 13:20-13:30     **CORNEAL CROSS LINKING FOR THE TREATMENT OF  
KERATOCONUS**  
(1) \* BARBARA RAMEZ (1) GARZOZI HANNA (2) BARBARA  
ADEL  
(1) BNAI ZION MEDICAL CENTER, HAIFA, ISRAEL (2)  
HADASSAH OPTIMAL, HAIFA, ISRAEL
- 13:30-13:40     **ASSESSING CORNEAL ENDOTHELIAL ELECTRICAL  
PROPERTIES BY EXTERNAL ELECTRODES:  
EXPERIMENTAL AND FINITE ELEMENT MODEL STUDY**  
(1) Y. MANDEL, (1) S. LAUFER, (2) IVORRA ANTONI, (1) B.  
RUBINSKY  
(1) CENTER FOR BIOENGINEERING IN THE SERVICE OF  
HUMANITY AND SOCIETY. THE SELIM AND RACHEL BENIN  
SCHOOL OF COMPUTER SCIENCE AND ENGINEERING. THE  
HEBREW UNIVERSITY, JERUSALEM. (2) DEPARTMENT OF  
BIOENGINEERING AND DEPARTMENT OF MECHANICAL  
ENGINEERING, UNIVERSITY OF CALIFORNIA AT BERKELEY,  
CALIFORNIA, USA

**Concluding Remarks**  
**Prof. Mordechai Rosner**

13:40 – 13:45