

- Dr. Ruth Padan, Sackler Faculty of Medicine, Tel Aviv University
"Study of the molecular mechanisms involved in controlling the development of pigment cells of the mammalian eye ".
- Prof. Eyal Benin, Department of Eye Diseases, Hadassah University Hospital and Faculty of Medicine Hebrew University of Jerusalem.
"Human embryonic stem cells as a source of retinal pigment epithelium cells".
- Prof. Tamar Ben-Yosef, Department of Genetics, Rappaport Faculty of Medicine, Technion.
"Gene mapping and identification of mutations underlying retinitis pigmentosa in Jewish and Arab families from northern Israel".
- Prof. Dror Sharon, New Disease Center of the macula and retina, Hadassah University Hospital, Jerusalem
"Genetic characterization of inherited macular degeneration diseases Israeli Dr. Dror Sharon, New Disease Center of the macula and retina, population ".
- Prof. Dror Sharon, New Disease Center of the macula and retina, Hadassah University Hospital, Jerusalem
"Genetic and functional characterization of the FAM161A gene which is the major cause of retinitis pigmentosa in the Israeli population".
- Prof. Ido Perlman, Rappaport Faculty of Medicine, Technion-Israel Institute of Technology and the Rappaport Institute, Haifa .
"Spread of degenerative signals from affected rod photoreceptors to healthy cone photoreceptors in the rat model of retinitis pigmentosa".
- Prof. Arie Solomon, Faculty of Medicine, Tel Aviv University.
"Combining nano technology and biomedical materials - new technology to create an integrated treatment optic nerve healing after injury or illness ".
- Prof. Itai Chowers, Department of Ophthalmology, Hadassah Medical Center in Ein Kerem, Jerusalem.
"Characterization of mixed sub-populations of white blood cells and Lachmokinim receptors CCR2 and CXCR pathogenesis of age-related macular degeneration (AMD)".
- Dr. Nitza Goldenberg - Cohen, Medical Center Schneider Children in Israel.
"Injection of Adult Bone Marrow Derived Stem Cells to the Developing Retina of Newborn Mice".
- Dr. Michael Weisbord, Department of Ophthalmology, Ichilov Medical Center, Tel Aviv.

"The Use of Topical Bevacizumab (Avastin) for Ophthalmic Diseases"Topical Bevacizumab for Corneal Neovascularization and Neovascular Glaucoma Pharmacokinetics of Topical Bevacizumab".

- Prof. Ofri Ron, Hebrew University, Jerusalem
"A novel animal model for day blindness. Feasibility study for gene therapy in patients with achromatopsia".
- Dr. Frankel , Hadassah Ein – Karem
"Metastatic uveal melanoma: inhibition of the NFkB and USF2 transcription factors as treatment for micrometastases ".
- Dr. Eran Pras. Assaf Harofeh Medical Center
"Congenital Cataract: Genetics and Clinical Evaluation of Israeli and Palestinian Patients".
- Dr. Yossi Mandaël, Tel-Aviv University
"Development of a high resolution retinal prosthesis, by a video goggles-based system onto a subretinally placed photovoltaic array using".
- Dr Samer Khateb M.D./Ph.D, Department of ophthalmology, Hadassah Medical Center
"Identification of novel Usher syndrome genes using a combined approach of homozygosity mapping and exome sequencing".
- Adi Inbal Ph.D. Department of Medical Neurobiology The Hebrew University of Jerusalem.
"Molecular mechanisms of Six3-mediated optic nerve malformations".
- Dr. Abraham Katzir, Tel-Aviv University
"Using a Novel System, based on a Laser and a Single Optical Fiber, for Sutureless Laser Bonding of Incisions in the Cornea".
- Dr. Haim Cohen, Bar ilan University
"Involvement of SIRT6 in aging and degeneration processes of the retina".
- Prof. Itay Chowers ,the Department of Ophthalmology of the Hadassah –Hebrew University Medical Center.
Modulation of Monocyte Involvement through Chemokine Signaling in Age Related Macular Degeneration".
- Prof. Dror Sharon, Prof. Tamar Ben-Yosef, Dr. Eran Pras, Dr. Nitza Goldenberg-Cohen, Dr. Hanan Abbasi, Prof. Ohad Birk, Dr. Leiba Gradstein, Prof. Eyal Banin, Dr. Hadas Newman, Prof. Ido Perlman, Dr. Hana Leib, Dr. Haim Levy and Dr. Noam Shomron – The Israeli Retinal Disease Consortium (IRDC).

Mapping Inherited Retinal Degenerative Diseases (RDD) in the Israeli Population .

- Dr. Dorit Razprag, Prof. Adiel Barak and Prof. Yael Hanein – School of Electrical Engineering, Center for Nanoscience and Nanotechnology and Faculty of Medicine, Tel Aviv University.

In Vivo Evaluation of High Resolution Nano Material Based Visual Prosthesis.