

TECHNION – RUTH & BRUCE RAPPAPORT FACULTY OF MEDICINE
RESUME (for physicians only)

1. PERSONAL DETAILS

Full Name: Nitza Goldenberg-Cohen

Identity No: 022449516

Date of birth: 7/9/1966

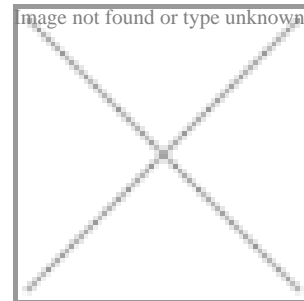
Place of birth: Haifa, Israel

Marital status: married

Phone numbers: 0509795014

E-mail: ncohen1@gmail.com

Orcid Account:



2. ACADEMIC DEGREES

1998 MPH , Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel

1991 MD (cum laude), Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel

3. ACADEMIC APPOINTMENTS

2017 - present Associate Professor, Faculty of Medicine, Technion-Israel Institute of
Technology, Haifa, Israel

2014 - 2016 Associate Professor, Faculty of Medicine, Tel-Aviv University, Tel-
Aviv, Israel

4. PROFESSIONAL EXPERIENCE

2017 - 2017 surgeon in delegation to Kenya, volunteer, Eye from Zion

2015 - 2015 surgeon in delegation to Russia, volunteer, Schneider Children's Hospital

2013 - 2013 surgeon in delegation to Russia, volunteer, Schneider Children's Hospital

2013 - present Principal Investigator, International Clinical Studies

2012 - 2012 Business Delegation to Kazakhstan, volunteer, Schneider Children's Hospital

2003 - present Head of Kreiger Eye Research Laboratory, -

2001 - 2001 Business Delegation to Mozambique, volunteer, Ministry of Foreign Affairs

5. RESEARCH INTERESTS

- Ocular and brain tumors involving visual pathway.
- Pathophysiology of ocular diseases, especially focusing on optic neuropathy. I have developed a mouse model of anterior ischemic optic neuropathy (AION) and characterized the model.
- Nanotechnology in diagnosis and treatment of diseases.
- Clinical research in the field of Pediatric Neuro-Ophthalmology (optic pathway gliomas, malignant tumors of the visual pathway).
- PI of international studies in the pediatric ophthalmology field (VEKTIS) and currently for Neuro-Ophthalmological studies (QUARK) and others.

6. TEACHING EXPERIENCE

2003 - 2016	Continuous education, Residents, Tel-Aviv University, Tel-Aviv
2005 - 2007	Tutor, Medical School Clinical, Tel-Aviv University, Tel-Aviv
2012 - 2012	Advanced Training Workshop Frontiers in Human Stem Cells, Summer Course, Graduate student MSc, PHD, Tel-Aviv University, Tel-Aviv
2012 - 2014	Orthoptic education, Orthoptics, Tel-Aviv University, Tel-Aviv
2012 - 2016	Cutting edge in vision research, Head of Program, Graduate student MSc, PHD, Tel-Aviv University, Tel-Aviv
2014 - 2014	Practical Neuro-Ophthalmology, Organizer, International Course, Hebrew University, Jerusalem
2014 - 2016	Head of Neuroophthalmology Society, ophthalmologists, Tel-Aviv University, Tel-Aviv
2016 - present	Continuous education, Residents, Technion-Israel Institute of Technology, Haifa
2016 - present	international meetings organization, Residents, Bnai Zion Medical Center, Haifa
2019 - 2019	Orthoptic education, Orthoptics, Hebrew University, Jerusalem

7. TECHNION ACTIVITIES

2013 - present	Israel multicenter study for genetic analysis of inherited retinal degeneration, P.I.
2014 - present	continuous education, Ophthalmology

8. FACULTY ACTIVITIES

2006 - 2016	MOR examiner , Tel-Aviv University, Tel-Aviv
2012 - present	Israeli Board Examination Stage A & B, Department of Ophthalmology, examiner , Bnai Zion Medical Center, Haifa

9. PUBLIC PROFESSIONAL ACTIVITIES

2006 - 2016	Animal Experimentation Ethics Committee , Rabin Medical Center
2006 - present	Scientific Board , Lirot to prevent blindness
2007 - 2014	Claire and Amedee Maratier Institute for the study of visual disorders and blindness, scientific Board , Sheba Medical Center
2012 - 2016	Board Member , Israel Ophthalmology Society
2012 - 2017	Board Member , Israel Society for Vision and Eye Research
2012 - 2019	Research committee, North American Neuro-Ophthalmology Society (NANOS), International, NANOS
2012 - present	Editorial board, Frontier in Neuro Ophthalmology , International Editorial Board
2013 - 2018	Editorial board, Journal of Neuro Ophthalmology , International Editorial Board
2014 - 2016	Board Member, Academic committee of Baharab grant , Sheba Medical Center
2014 - 2016	Head, Neuro-Ophthalmology Society , Israel Ophthalmology Society

10. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- AAPOS: American Association
- AAO: American Academy of Ophthalmology
- NANOS: North American Neuro-Ophthalmology Society (International Fellow)
- ARVO: the Association for Research in Vision and Ophthalmology
- INOS: International Neuro-Ophthalmology Society
- Israel Medical Association
- Israel Ophthalmologic Society (ILOS)
- Israel Neuro Ophthalmology Society
- Israel Pediatric Ophthalmology Society
- Israel Society for Vision and Eye Research
- Israel Society of Stem Cells

11. AWARDS AND HONORS

- 1987 Outstanding Award, Second Year Medical School, Sackler School of Medicine, Tel-Aviv University, Tel-Aviv
- 1989 Outstanding Award, Fourth Year Medical School, Sackler School of Medicine, Tel-Aviv University, Tel-Aviv
- 1993 Magna Cum Laude, M.D. Degree, Sackler School of Medicine, Tel-Aviv University, Tel-Aviv
- 2002 Wilmer Research Award, Wilmer Eye Institute, Johns Hopkins University
- 2003 Excellent Lecturer, North American Neuro-Ophthalmology Society (NANOS)
Resident/Fellow Award for the research entitled: "Defining the retinal and optic nerve response to anterior ischemic optic neuropathy (AION) using mouse model.", NANOS
- 2006 Eldor- Metchner, Clinician Scientist Award, Chief Scientist, Ministry of Health, Israel
- 2007 Michaelson Travel Fellowship, Michaelson Fund, Michaelson Fund, Haddassah
- 2007 ARVO/Alcon Early Career Clinician Scientist Award, ARVO, ARVO
- 2012 Award for academic excellence, the institute for International scientific exchanges in medical science, Tel-Aviv University, Tel-Aviv

12. GRADUATE STUDENTS

Completed MD Theses

- 2007 Erez Dayan Laboratory work with mouse model,(N. Goldenberg-Cohen)
- 2007 Jordana Haber Long-Term Follow-up of Children with Parinaud Syndrome,(N. Goldenberg-Cohen)
- 2007 Michael Savetzky PI3K/Akt pathway mutations in retinoblastoma,(N. Goldenberg-Cohen)
- 2007 Nurit Assia Mutation analysis of the L-ferritin gene as the cause of age-related cataract,(N. Goldenberg-Cohen)
- 2009 Tamar Goldstein The possible neuroprotective effect of roy pepetide ligation to membranal GRP78 in the ischemic retina,(N. Goldenberg-Cohen)
- 2009 Yuval Turm Mutations analysis and copy number variation in BRAF oncogene in pediatric low-grade gliomas,(N. Goldenberg-Cohen)
- 2011 Mark Vieyra Neuroprotective effect of intravitral injection of brimonidine to ischemic retinae,(N. Goldenberg-Cohen)
- 2011 Tomm Caspi Possible neuroprotective effect on retinal damage induced by optic nerve crush in TLR-4 knock-out mice,(N. Goldenberg-Cohen)

- 2015 Myles Brookman Histological evaluation of anti VEGF injection on diabetic retinopathy of non-obese diabetic (NOD) mice,(N. Goldenberg-Cohen)
- 2016 Avi Ben Shabat Pediatric Horner Syndrome in neonates, infants and toddlers- diagnosis and evaluation needed ,(N. Goldenberg-Cohen)
- 2016 Geula Ben David Diabetes retinopathy in NOD transgenic mice (type 1) and Db/Db transgenic mice (type 2),(N. Goldenberg-Cohen)
- 2016 Maya Muhlbauer Association between smell and severity of Idiopathic intracranial hypertension in children,(N. Goldenberg-Cohen Co-Supervisor with Prof R. Strausberg)

Completed Basic Science Theses

- 2004 Maya Sherf , Plasma and Optic Nerve levels of IL-6, MIP-2 and TNF- α Following Induction of Ischemic Optic Neuropathy in Mice,(N. Goldenberg-Cohen)
- 2004 Gad Dotan , Increased Plasma and Optic Nerve Levels of IL-6, TNF- α , and MIP-2 Following Induction of Ischemic Optic Neuropathy in Mice,(N. Goldenberg-Cohen)
- 2005 Yonina Ron , Bone marrow stem cell incorporation in laser induced retinal damage ,(N. Goldenberg-Cohen)
- 2006 Dorina Chelles , Mutations analysis of lens DNA extracted from age-related cataract ,(N. Goldenberg-Cohen)
- 2006 Ido Eldar , Effect of hyperbaric oxygen therapy on central artery occlusion in a mouse model,(N. Goldenberg-Cohen)
- 2006 Irit Bahar , Characterization of central retinal artery occlusion in a mouse model ,(N. Goldenberg-Cohen)
- 2007 Inbal Avisar , Therapeutic Effect of Subconjunctival and Intraocular Bevacizumab (Avastin) Injections in a Mouse Model of Corneal Neovascularization ,(N. Goldenberg-Cohen)
- 2007 Tamilla Sadikov , Lamin A is not associated with age-related nuclear cataract ,(N. Goldenberg-Cohen)
- 2008 Ehud Reich , Haptoglobin genotype does not affect early onset of type 2 diabetic retinopathy ,(N. Goldenberg-Cohen)
- 2008 Miriam Ehrenberg , Polymorphism in the WRN gene in patients with senile cataract ,(N. Goldenberg-Cohen)
- 2008 Murat Hasanrisoglu , Characterizing progression of optic nerve damage in transgenic mice ,(N. Goldenberg-Cohen)
- 2008 Shir Hofstetter , Reducing Apoptosis in the Ischemic Retina Using Hyperbaric Oxygen Treatment in Two Different Mouse Models,(N. Goldenberg-Cohen)

- 2009 David Ezrachi , Reducing Apoptosis in the Ischemic Retina Using Hyperbaric Oxygen Treatment in Two Different Mouse Models ,(N. Goldenberg-Cohen)
- 2010 Yosi Laviv , BRAF mutations and copy number variations in low grade gliomas ,(N. Goldenberg-Cohen)
- 2011 Adi Lifshitz , A model of corneal neovascularization in rabbits ,(N. Goldenberg-Cohen Co-Supervisor with Prof. David Zadok)
- 2011 Cornelli Naser , The neuroprotective effect of Revatio injection on ischemic retina in models of optic neuropathy in mice ,(N. Goldenberg-Cohen)
- 2011 Denis Pushkov , Hyperbaric Oxygen Treatment for Stroke in Mice ,(N. Goldenberg-Cohen)
- 2012 Daniel Rappoport , Intraocular injection of avastin to mouse model of optic nerve crush ,(N. Goldenberg-Cohen)
- 2013 Gilli Tessler , Role of genetics in the response to intraocular Avastin treatment of age related macular degeneration (AMD) ,(N. Goldenberg-Cohen)
- 2014 David Hazon , EGFR overexpression as a prognostic factor in Glioblastoma multiforme ,(N. Goldenberg-Cohen)
- 2014 Ivan Novitzky , Measureing Revatio (Viagra) effect on brain edema and perfusion in a mouse model of stroke ,(N. Goldenberg-Cohen)
- 2015 Assaf Olshinka , Identifying the border of Cutaneous Squamous Cell Carcinoma by Targeted EGFR Antibodies Conjugated to Gold Nanoparticles ,(N. Goldenberg-Cohen)
- 2015 Lea Alexander , Neuroprotection ,(N. Goldenberg-Cohen)
- 2015 Neelan Marianayagam , Novel method for early detection of pediatric brain tumor micrometastasis in cerebrospinal fluid ,(N. Goldenberg-Cohen)
- 2015 Orkun Muhsinoglu , Characterization of diabetic retinopathy in non obese diabetic (NOD) mouse model ,(N. Goldenberg-Cohen)
- 2016 Amir Sternfeld , Glaucoma model in mice ,(N. Goldenberg-Cohen)
- 2016 Emmanuelle Jornet , retinal changes in diabetic retina of mice ,(N. Goldenberg-Cohen)
- 2016 Gur Ben Yehuda , The SHH pathway in BCC resistant to biological therapy ,(N. Goldenberg-Cohen)
- 2016 Jeni Balinki , Stroke in children identified on imaging, and associated visual impairment ,(N. Goldenberg-Cohen)
- 2016 Julian Ayzman , retinal thickness in glaucoma model of mice ,(N. Goldenberg-Cohen)
- 2016 Lavina Cesareo , Induction glaucoma model in mice by intracameral injection of microspheres ,(N. Goldenberg-Cohen)
- 2017 Jawad abudbai , Search for candidate genes for proliferative diabetic retinopathy ,(N. Goldenberg-Cohen)

- 2017 Ofira Zloto , Azithromycin as a possible neuroprotective drug following optic nerve crush induction in mice ,(N. Goldenberg-Cohen)
- 2018 Dana Baxter , Immunohistochemistry of eye sections from mice ,(N. Goldenberg-Cohen)
- 2018 Jennifer Shatsky , Induction glaucoma model in mice by intracameral injection of microspheres ,(N. Goldenberg-Cohen)

Completed MSc Theses

- 2007 Bat Chen Avraham , Repair of Optic Nerve Ischemic Injury in the Mouse by Bone Marrow Derived Stem Cells ,(N. Goldenberg-Cohen)
- 2008 Efrat Shoham-Merhavi , Promoter Methylation Status of Multiple Genes in Uveal Melanoma ,(N. Goldenberg-Cohen)
- 2008 Olga Dratviman-Storobinsky , Therapeutic Effect of Subconjunctival and Intraocular Bevacizumab (Avastin) Injections in a Mouse Model of Corneal Neovascularization ,(N. Goldenberg-Cohen)
- 2008 Shimrit Dadon , Molecular Changes In The Mouse Retina Following Induction of Central Retinal Artery Occlusion ,(N. Goldenberg-Cohen)
- 2010 Tamilla Sadikov , Adult bone marrow-derived stem cells incorporate in the developing retina ,(N. Goldenberg-Cohen)
- 2010 Vera Gaydar , Reducing Apoptosis in the Ischemic Retina Using Hyperbaric Oxygen Treatment in Two Different Mouse Models ,(N. Goldenberg-Cohen)
- 2016 Dana Morsaev , TLR4 knock-out mice are resistant to optic nerve crush damage ,(N. Goldenberg-Cohen)
- 2016 Moshe Ben Hemo , Clinical histological and molecular characterization of retinæ from diabetic mice as a model to vascular repair by bone marrow derived stem cells ,(N. Goldenberg-Cohen)
- 2016 Orit Barinfeld , Molecular analysis of brain low grade gliomas ,(N. Goldenberg-Cohen)
- 2017 Moran Fridman , Lack of TNF receptors in mouse model of optic nerve crush might have a neuroprotective role ,(N. Goldenberg-Cohen)
- 2017 Tamar Azrad-Lebovitz , Clinical, histological, optical and molecular characteristics of retinal vessels in type II diabetic mice as compared to type I ,(N. Goldenberg-Cohen)

Completed PhD Thesis

- 2012 Bat Chen Revital Avraham Lubin , The Potential Therapeutic Effect of Bone Marrow Derived Stem Cells In Ischemic Optic Neuropathy ,(N. Goldenberg-Cohen)

- 2015 James Nicholson, Post doc position , Matrix metalloproteinases (MMPs) as drug targets regulating progenitor cell penetration into damaged optic nerve ,(N. Goldenberg-Cohen)
- 2019 Shirel Weiss , Multigene amplification and massively parallel sequencing for mutation discovery in genes causing blindness ,(N. Goldenberg-Cohen)
- 2019 Sivan Gershanov , Novel methods for the detection of occult metastatic disease in the CSF of children with medulloblastoma ,(N. Goldenberg-Cohen Co-Supervisor with Mali Salmon-Divon)

MD Theses in Progress

Basic Science Theses in Progress

- 2019 Mansour Mohamad, nanostrig analyziz for signaling pathways underlying SCC ,(N. Goldenberg-Cohen)
- 2019 - 2020 Astrid Ilguisonis, Neuroprotection in Glaucoma model of Mice ,(N. Goldenberg-Cohen)

MSc Theses in Progress

PhD Theses in Progress

13. FORMER TRAINEES AT KEY POSITIONS

14. RESEARCH GRANTS

Competitive

- 2000 - 2001 Gothulf Fund, Tel Aviv University, Israel, Inflammatory reaction in acute retinal artery occlusion. Cytokines levels in aqueous humor and serum, 3,000 USD , Nitza Goldenberg-Cohen (CO)
- 2003 - 2019 The Krieger Eye Research Laboratory, Zanyvl and Isabelle Krieger Fund, Ischemic optic neuropathy model in mice. Neuroprotection, stem cells and mechanism of diseases, 50,000year USD , Nitza Goldenberg-Cohen (PI)
- 2004 - 2005 Schreiber Fund, Tel Aviv University, Identifying oncogenic BRAF mutations in conjunctival melanocytic lesions, 4,667 USD , Nitza Goldenberg-Cohen (PI)

- 2004 - 2005 The Claire and Amedee Maratier Institute for the study of visual disorders and blindness, Tel Aviv University, Integration of bone marrow-derived stem cells in the retina in a murine model of ischemic optic neuropathy, 3,000 USD , Nitza Goldenberg-Cohen (PI)
- 2004 - 2006 Adams Super Center for Brain research, Tel Aviv University, Integration of bone marrow-derived stem cells in the retina, 31,430 NIS , Nitza Goldenberg-Cohen (PI)
- 2005 - 2006 The Claire and Amedee Maratier Institute for the study of visual disorders and blindness. Tel Aviv University, Mutation analysis of lens DNA from congenital and age related cataract, 8,740 NIS , Nitza Goldenberg-Cohen (PI)
- 2006 - 2008 Adams Super Center for Brain research, Tel Aviv University, The Role of Adult Bone Marrow Derived Stem Cells in Retinal Repair Following Ischemic Optic Neuropathy, 23,550 NIS , Nitza Goldenberg-Cohen (PI)
- 2006 - 2008 Walter Friendliest and Herman Shaudder, Tel Aviv University, Incorporation of BMSC into laser treated retina, 43,300 NIS , Nitza Goldenberg-Cohen (CO)
- 2007 - 2009 Cancer Biology Research Center of Tel Aviv University, The role of RASSF1A tumor suppressor gene in uveal melanoma tumorigenesis, 57,460 NIS , Nitza Goldenberg-Cohen (CO)
- 2007 - 2009 Fogelnest and Globinsky, Tel Aviv University, Large scale analysis of polymorphism in genes regulating vascular endothelial function in eye diseases causing blindness to identify risk factors for disease progression and outcome, 40,000 NIS , Nitza Goldenberg-Cohen (PI)
- 2007 - 2009 The Claire and Amedee Maratier Institute for the study of visual disorders and blindness. Tel Aviv University, Enhanced Incorporation and Differentiation of Bone Marrow Derived Stem Cell in Ischemic Retina, 30,000 NIS , Nitza Goldenberg-Cohen (CO)
- 2007 - 2010 Eldor-Metzner Fund, Chief Scientist, Ministry of Health, Repair of ischemic retina using bone marrow derived stem cells, 70,000 USD , Nitza Goldenberg-Cohen (PI)
- 2008 - 2009 North American Neuro-Ophthalmology Society Pilot Research Grant Proposal (NANOS), Intraocular Injection of Growth Factors to Enhance Differentiation of Bone Marrow Derived Stem Cells Following Ischemic Injury, 25,000 USD , Nitza Goldenberg-Cohen (PI)
- 2008 - 2009 The Claire and Amedee Maratier Institute for the study of visual disorders and blindness, Tel Aviv University, Analysis of polymorphism in the WRN gene in patients with senile cataract, 18,000 NIS , Nitza Goldenberg-Cohen (PI)

2008 - 2011	Ministry of health, Chief scientist office, Intravitreal injection of adult bone marrow derived stem cells to developing retina of newborn mice, 300,000 NIS , Nitza Goldenberg-Cohen (PI), Askenasy N (co -PI) (PI)
2008 - 2012	Israel Science Foundation (ISF), Repair of retinal injury using stem cells derived from the adult bone marrow, 175,000yr. NIS , Nitza Goldenberg-Cohen (PI), Askenasy N (co-PI) (PI)
2010 - 2011	The Claire and Amedee Maratier Institute for the study of visual disorders and blindness, Tel Aviv University, Intravitreal injection of BMSC to neonates eyes, 12,000 NIS , Nitza Goldenberg-Cohen (PI)
2012 - 2016	Israel Science Foundation (ISF), Mobilization and Growth Factors Affect Homing and the Differentiation of Adult Bone Marrow Derived Stem Cells in Injured and Developing Retina., 193,500/yr NIS , Nitza Goldenberg-Cohen (PI)
2013 - 2015	The Israeli Cancer Association (ICA), Genetic characterization of brain tumors to improve detection of minimal-residual disease in children., 75,000/yr NIS , Nitza Goldenberg-Cohen (PI)
2014 - 2016	Foundation Fighting Blindness (and Lirot association), Mapping Inherited Retinal Degenerative Diseases (RDD) in the Israeli Population, 16,000 USD , Nitza Goldenberg-Cohen (Site PI)
2015 - 2015	Gassner Foundation, Tel Aviv University, Early identification of metastatic cells in pediatric cerebrospinal fluid with brain tumor medulloblastoma, 10000 USD , Nitza Goldenberg-Cohen (PI), Fixler D.(co PI) (PI)
2015 - 2017	D-cure, The Israeli Ministry of Health, Clinical, histological, optical and molecular characteristics of retinal vessels in type II diabetic mice as compared to type I, 150,000 NIS , Nitza Goldenberg-Cohen (PI)
2015 - 2017	The Claire and Amedee Maratier Institute for the study of visual disorders and blindness, Tel Aviv University, Absence of TNFR1/2 alpha might improve resistance of retinal ganglion cells to optic nerve crush damage in a transgenic mouse model, 35,000 NIS , Nitza Goldenberg-Cohen (PI), Fridman M (co-PI) (PI)
2015 - present	Foundation Fighting Blindness FFB and Lirot, MOH 2017 Mapping Inherited Retinal Degenerative Diseases (RDD) in the Israeli Population, 300000 USD , Nitza Goldenberg-Cohen (Site PI)
2019 - present	neroprotective effect of plant fraction, ministry of science and technology, 250,000 NIS , Nitza Goldenberg-Cohen (), Avraham- Lubin BC (PI) ()
2020 - present	Neurodegeneration caused by accumulation of metallic elements in the brain, Rapaport Fund, 70,000 NIS , Nitza Goldenberg-Cohen (PI)

Industrial

15. PUBLICATIONS

15.1 Theses

Goldenberg-Cohen N (year) "Polycythemia vera – long term follow up" Supervised by O. Shpilberg, B. Modan, A. Shitrit, B. Ramot. Tel Aviv University.

15.2 Refereed papers in professional journals

Published papers

Accepted (or in press) papers

Submitted papers

Basic research

1. Cohen Y, **Goldenberg-Cohen N**, Parrella P, Chowers I, Merbs SL, Pe'er J, Sidransky D. (Equal contribution) Lack of BRAF mutation in primary uveal melanoma. *Invest Ophthalmol Vis Sci.* 2003 Jul;44(7):2876-8.
2. **Goldenberg-Cohen N**, Guo Y, Margolis F, Cohen Y, Miller NR, Bernstein SL. Oligodendrocyte dysfunction after induction of experimental anterior optic nerve ischemia. *Invest Ophthalmol Vis Sci.* 2005 Aug;46(8):2716-25.
3. **Goldenberg-Cohen N**, Cohen Y, Rosenbaum E, Herscovici Z, Chowers I, Weinberger D, Pe'er J, Sidransky D. (Equal contribution) T1799A BRAF mutations in conjunctival melanocytic lesions. *Invest Ophthalmol Vis Sci.* 2005 Sep;46(9):3027-30.
4. Kramer M, **Goldenberg-Cohen N**, Axer-Siegel R, Weinberger D, Cohen Y, Monselise Y. Inflammatory reaction in acute retinal artery occlusion: cytokine levels in aqueous humor and serum. *Ocul Immunol Inflamm.* 2005 Jul-Aug;13(4):305-10.
5. Merhavi E, Cohen Y, Avraham BC, Frenkel S, Chowers I, Pe'er J, **Goldenberg-Cohen N**. Promoter methylation status of multiple genes in uveal melanoma. *Invest Ophthalmol Vis Sci.* 2007 Oct;48(10):4403-6.
6. Cohen Y, Merhavi-Shoham E, Avraham RB, Frenkel S, Pe'er J, **Goldenberg-Cohen N**. Hypermethylation of CpG island loci of multiple tumor suppressor genes in retinoblastoma. *Exp Eye Res.* 2008 Feb;86(2):201-6.
7. Avraham BC, Dotan G, Hasanreisoglu M, Kramer M, Monselise Y, Cohen Y, Weinberger D, **Goldenberg-Cohen N** Increased plasma and optic nerve levels of IL-6, TNF-alpha, and MIP-2 following induction of ischemic optic neuropathy in mice. *Curr Eye Res.* 2008 Apr;33(4):395-401.
8. **Goldenberg-Cohen N**, Dadon S, Avraham BC, Kramer M, Hasanreisoglu M, Eldar I, Weinberger D, Bahar I. Molecular and histological changes following central retinal artery

- occlusion in a mouse model. *Exp Eye Res.* 2008 Oct;87(4):327-33.
9. Chowers I, Cohen Y, **Goldenberg-Cohen N**, Vicuna-Kojchen J, Lichtinger A, Weinstein O, Pollack A, Axer-Siegel R, Hemo I, Averbukh E, Banin E, Meir T, Lederman M. Association of complement factor H Y402H polymorphism with phenotype of neovascular age related macular degeneration in Israel. *Mol Vis.* 2008;14:1829-34.
 10. Dratviman-Storobinsky O, Hasanreisoglu M, Offen D, Barhum Y, Weinberger D, **Goldenberg-Cohen N** Progressive damage along the optic nerve following induction of crush injury or rodent anterior ischemic optic neuropathy in transgenic mice. *Mol Vis.* 2008;14:2171-9.
 11. Chowers I, Meir T, Lederman M, **Goldenberg-Cohen N**, Cohen Y, Banin E, Averbukh E, Hemo I, Pollack A, Axer-Siegel R, Weinstein O, Hoh J, Zack DJ, Galbinur T. Sequence variants in HTRA1 and LOC387715/ARMS2 and phenotype and response to photodynamic therapy in neovascular age-related macular degeneration in populations from Israel. *Mol Vis.* 2008;14:2263-71.
 12. Kramer M, Dadon S, Hasanreisoglu M, Monselise Y, Avraham BR, Feldman A, Eldar I, Weinberger D, **Goldenberg-Cohen N**. Proinflammatory cytokines in a mouse model of central retinal artery occlusion. *Mol Vis.* 2009;15:885-94.
 13. Cohen Y, Merhavi-Shoham E, Avraham-Lubin BC, Savetsky M, Frenkel S, Pe'er J, **Goldenberg-Cohen N**. PI3K/Akt pathway mutations in retinoblastoma. *Invest Ophthalmol Vis Sci.* 2009 Nov;50(11):5054-6.
 14. **Goldenberg-Cohen N**, Dadon-Bar-El S, Hasanreisoglu M, Avraham-Lubin BC, Dratviman-Storobinsky O, Cohen Y, Weinberger D. Possible neuroprotective effect of brimonidine in a mouse model of ischaemic optic neuropathy. *Clin Experiment Ophthalmol.* 2009 Sep;37(7):718-29.
 15. Dratviman-Storobinsky O, Lubin BC, Hasanreisoglu M, **Goldenberg-Cohen N**. Effect of subconjunctival and intraocular bevacizumab injection on angiogenic gene expression levels in a mouse model of corneal neovascularization. *Mol Vis.* 2009 Nov 13;15:2326-38.
 16. **Goldenberg-Cohen N**, Avraham-Lubin BCR, Calles D, Dratviman-Storobinsky O, Ehrlich R, Paritiansky B, Cohen Y, Weinberger D. Lack of DLAD mutations in age-related nuclear cataract. *Int J Genet Mol Biol.* 2010 Jun;2(6):121-5.
 17. Dratviman-Storobinsky O, Cohen Y, Frenkel S, Pe'er J, **Goldenberg-Cohen N**. Lack of oncogenic GNAQ mutations in melanocytic lesions of the conjunctiva as compared to uveal melanoma. *Invest Ophthalmol Vis Sci.* 2010 Dec;51(12):6180-2.
 18. Ehrenberg M, Dratviman-Storobinsky O, Avraham-Lubin BR, **Goldenberg-Cohen N**. Lack of association of the WRN C1367T polymorphism with senile cataract in the Israeli population. *Mol Vis.* 2010 Aug 28;16:1771-5.
 19. Assia N, **Goldenberg-Cohen N**, Rechavi G, Amariglio N, Cohen Y. Mutation analysis of the ferritin L-chain gene in age-related cataract. *Mol Vis.* 2010 Nov 24;16:2487-93.
 20. Iskovich S, **Goldenberg-Cohen N**, Stein J, Yaniv I, Farkas DL, Askenasy N. ?-Cell neogenesis: experimental considerations in adult stem cell differentiation. *Stem Cells Dev.* 2011 Apr;20(4):569-82.
 21. **Goldenberg-Cohen N**, Gabbay M, Dratviman-Storobinsky O, Reich E, Axer-Siegel R,

- Weinberger D, Gabbay U. Does haptoglobin genotype affect early onset of diabetic retinopathy in patients with type 2 diabetes? *Retina*. 2011 Sep;31(8):1574-80
22. Avraham-Lubin BC, Dratviman-Storobinsky O, Dadon-Bar-El S, Hasanreisoglu M, **Goldenberg-Cohen N**. Neuroprotective effect of hyperbaric oxygen therapy on anterior ischemic optic neuropathy. *Front Neurol*. 2011 Apr 13;2:23.
23. **Goldenberg-Cohen N**, Dratviman-Storobinsky O, Dadon Bar El S, Cheporko Y, Hochhauser E. Protective effect of Bax ablation against cell loss in the retinal ganglion layer induced by optic nerve crush in transgenic mice. *J Neuroophthalmol*. 2011 Dec;31(4):331-8.
24. Cohen Y, **Goldenberg-Cohen N**, Shalmon B, Shani T, Oren S, Amariglio N, Dratviman-Storobinsky O, Shnaiderman-Shapiro A, Yahalom R, Kaplan I, Hirshberg A. Mutational analysis of PTEN/PIK3CA/AKT pathway in oral squamous cell carcinoma. *Oral Oncol*. 2011 Oct;47(10):946-50.
25. Gaydar V, Ezrachi D, Dratviman-Storobinsky O, Hofstetter S, Avraham-Lubin BC, **Goldenberg-Cohen N**. Reduction of apoptosis in ischemic retinas of two mouse models using hyperbaric oxygen treatment. *Invest Ophthalmol Vis Sci*. 2011 Sep 29;52(10):7514-22.
26. **Goldenberg-Cohen N**, Raiter A, Gaydar V, Dratviman-Storobinsky O, Goldstein T, Weizman A, Hardy B. Peptide-binding GRP78 protects neurons from hypoxia-induced apoptosis. *Apoptosis*. 2012 Mar;17(3):278-88
27. Iskovich S, **Goldenberg-Cohen N**, Stein J, Yaniv I, Fabian I, Askenasy N. Elutriated stem cells derived from the adult bone marrow differentiate into insulin-producing cells in vivo and reverse chemical diabetes. *Stem Cells Dev*. 2012 Jan;21(1):86-96.
28. Sadikov T, Simon AJ, Avraham-Lubin BC, Dratviman-Storobinsky O, Cohen Y, **Goldenberg-Cohen N**. C1824T mutation in the LMNA gene has no association with senile cataract. *Neurobiol Aging*. 2012 Jul;33(7):1487.e15-9.
29. Dratviman-Storobinsky O, Cohen Y, Frenkel S, Merhavi-Shoham E, El SD, Binkovsky N, Pe'er J, **Goldenberg-Cohen N**. The role of RASSF1A in uveal melanoma. *Invest Ophthalmol Vis Sci*. 2012 Oct 3;53(6):2611-9.
30. Laviv Y, Toledano H, Michowiz S, Dratviman-Storobinsky O, Turm Y, Fichman-Horn S, Kagnovski E, **Goldenberg-Cohen N**. BRAF, GNAQ, and GNA11 mutations and copy number in pediatric low-grade glioma. *FEBS Open Bio*. 2012 Jun 1;2:129-34.
31. Avraham-Lubin BC, **Goldenberg-Cohen N**, Sadikov T, Askenasy N. VEGF induces neuroglial differentiation in bone marrow-derived stem cells and promotes microglia conversion following mobilization with GM-CSF. *Stem Cell Rev*. 2012 Dec;8(4):1199-210.
32. Cohen Y, **Goldenberg-Cohen N**, Akriş S, Shani T, Amariglio N, Dratviman-Storobinsky O, Kaplan I, Barshack I, Hirshberg A. BRAF and GNAQ mutations in melanocytic tumors of the oral cavity. *Oral Surg Oral Med Oral Pathol Oral Radiol*. 2012 Dec;114(6):778-84
33. **Goldenberg-Cohen N**, Avraham-Lubin BC, Sadikov T, Goldstein RS, Askenasy N. Primitive stem cells derived from bone marrow express glial and neuronal markers and support revascularization in injured retina exposed to ischemic and mechanical damage. *Stem Cells Dev*. 2012 Jun 10;21(9):1488-500.

34. **Goldenberg-Cohen N**, Banin E, Zalzstein Y, Cohen B, Rotenstreich Y, Rizel L, Basel-Vanagaite L, Ben-Yosef T. Genetic heterogeneity and consanguinity lead to a "double hit": homozygous mutations of MYO7A and PDE6B in a patient with retinitis pigmentosa. *Mol Vis*. 2013 Jul 20;19:1565-71.
35. Rappoport D, Morzaev D, Weiss S, Vieyra M, Nicholson JD, Leiba H, **Goldenberg-Cohen N**. Effect of intravitreal injection of bevacizumab on optic nerve head leakage and retinal ganglion cell survival in a mouse model of optic nerve crush. *Invest Ophthalmol Vis Sci*. 2013 Dec 17;54(13):8160-71.
36. **Goldenberg-Cohen N**, Avraham-Lubin BC, Sadikov T, Askenasy N. Effect of coadministration of neuronal growth factors on neuroglial differentiation of bone marrow-derived stem cells in the ischemic retina. *Invest Ophthalmol Vis Sci*. 2014 Jan 29;55(1):502-12.
37. Iskovich S, **Goldenberg-Cohen N**, Sadikov T, Yaniv I, Stein J, Askenasy N. Two distinct mechanisms mediate the involvement of bone marrow cells in islet remodeling: neogenesis of insulin-producing cells and support of islet recovery. *Cell Transplant*. 2015 (May);24(5):879-90.
38. Morzaev D, Nicholson JD, Caspi T, Weiss S, Hochhauser E, **Goldenberg-Cohen N**. Toll-like receptor-4 knockout mice are more resistant to optic nerve crush damage than wild-type mice. *Clin Experiment Ophthalmol*. 2015 Sep;43(7):655-65.
39. **Goldenberg-Cohen N**, Iskovich S, Askenasy N. Bone Marrow Homing Enriches Stem Cells Responsible for Neogenesis of Insulin-Producing Cells, While Radiation Decreases Homing Efficiency. *Stem Cells Dev*. 2015 Oct 1;24(19):2297-306.
40. Pushkov D, Nicholson JD, Michowiz S, Novitzky I, Weiss S, Ben Hemou M, Hochhauser E, **Goldenberg-Cohen N**. Relative neuroprotective effects hyperbaric oxygen treatment and TLR4 knockout in a mouse model of temporary middle cerebral artery occlusion. *Int J Neurosci*. 2016 Feb;126(2):174-81
41. Ankri R, Ashkenazy A, Milstein Y, Brami Y, Olshinka A, **Goldenberg-Cohen N**, Popovtzer A, Fixler D, Hirshberg A. Gold nano rods based airSEM and diffusion reflection imaging for mapping tumor margins in SCC cells. *ACS Nano*, 2016 Feb, 10 (2), pp 2349–2356. doi: 10.1021/acsnano.
42. Novitzky I, Marianayagam NJ, Weiss S, Muhsinoglu O, Azrad-Lebobitz T, Fridman M, **Goldenberg-Cohen N**, Michowiz S. Comparison of Neuroprotective Effect of Bevacizumab and Sildenafil Following Induction of Stroke in a Mouse Model. *Biomed Res Int*. 2016 (May 29);2016:3938523. <http://dx.doi.org/10.1155/2016/3938523>
43. Weiss S, Gabbay M, Dratviman-Storobinsky O, Atamney M, Axer-Siegel R, Gabbay U, Cohen Y, **Goldenberg-Cohen N**. Genetic variations in diabetic patients with proliferated and non-proliferated retinopathy. 2016, *Insight Diabetes*, 1: 1-6. DOI: 10.5567/DIA-IK.2016.1.6
44. Hazon D, Marianayagam NJ, Barinfeld O, Michowiz S, Fichman-Horn S, Olshinka A, Kaganovsky E, Hirshberg A, D Fixler D and **Goldenberg-Cohen N**. Identification of postoperative margins of glioblastoma multiforme using gold nanoparticles conjugated to epidermal growth factor antibodies. *Nano Res Appl*. 2016, 2:2. doi:10.21767/2471-9838.100016 45.
45. Gershanov S, Michowiz S, Toledano H, Yahav G, Barinfeld O, Hirshberg A, Ben Zvi H, Mircus G, Salmon-Divon M, Fixler D, **Goldenberg-Cohen N**. Fluorescence Lifetime Imaging

Microscopy, a Novel Diagnostic Tool for Metastatic Cell Detection in the Cerebrospinal Fluid of Children with Medulloblastoma. *Scientific reports*, 2017; 16;7(1):3648. doi: 10.1038/s41598-017-03892-6

46. Gershanov S, Toledano H, Michowiz S, Barinfeld O, Pinhasov A, **Goldenberg-Cohen N**, Salmon-Divon M. MicroRNA-mRNA expression profiles associated with medulloblastoma subgroup 4. *Cancer Manag Res*. 2018 Feb 16;10:339-352.

47. Yahav G, Gershanov S, Salmon-Divon M, Ben-Zvi H, Mircus G, **Goldenberg-Cohen N**, Fixler D. Pathogen Detection Using Frequency Domain Fluorescent Lifetime Measurements. *IEEE Trans Biomed Eng*. 2018 Dec;65(12):2731-2741. doi: 10.1109/TBME.2018.2814597. Epub 2018 Mar 9. PubMed PMID: 29993446

48. Kramer M, Hasanreisoglu M, Weiss S, Kumova D, Schaap-Fogler M, Guntekin-Ergun S, Ozdek S, Gurelik G, Ergün MA, **Goldenberg-Cohen N**, Cohen Y. Single-Nucleotide Polymorphisms in IL23R-IL12RB2 (rs1495965) Are Highly Prevalent in Patients with Behcet's Uveitis, and Vary between Populations. *Ocul Immunol Inflamm*. 2019;27(5):766-773. doi: 10.1080/09273948.2018.1467463. Epub 2018 May 24. PubMed PMID: 29792538

49. Friedman M, Azrad-Lebovitz T, Morzaev D, Zahavi A, Marianayagam NJ, Nicholson JD, Brookman M, Michowiz S, Hochhauser E & **Goldenberg-Cohen N**. Protective Effect of TLR4 Ablation against Corneal Neovascularization following Chemical Burn in a Mouse Model, *Current Eye Research*, 2019 May;44(5):505-513. doi:10.1080/02713683.2018.1564833. Epub 2019 Jan 24. PubMed PMID: 30595046.

50. Weiss S, Cohen L, Ben-Yosef T, Ehrenberg M, **Goldenberg-Cohen N**. Late diagnosis of Alstrom syndrome in a Yemenite-Jewish child. *Ophthalmic Genet*. 2019;40(1):7-11. doi: 10.1080/13816810.2018.1561900. PubMed PMID:30600744.

51. Zahavi A, Weiss S, Vieyra M, Nicholson JD, Muhsinoglu O, Barinfeld O, Zadok D, **Goldenberg-Cohen N**. Ocular Effects of Sildenafil in Na⁺ve Mice and a Mouse Model of Optic Nerve Crush. *Invest Ophthalmol Vis Sci*. 2019 May 1;60(6):1987-1995. doi: 10.1167/iovs.18-26333. PubMed PMID: 31063183.

52. Sharon D, Ben-Yosef T, **Goldenberg-Cohen N**, Pras E, Gradstein L, Soudry S, Mezer E, Zur D, Abbasi AH, Zeitz C, Cremers FPM, Khan MI, Levy J, Rotenstreich Y, Birk OS, Ehrenberg M, Leibur R, Newman H, Shomron N, Banin E, Perlman I. A nationwide genetic analysis of inherited retinal diseases in Israel as assessed by the Israeli inherited retinal disease consortium (IIRDC). *Hum Mutat* 2020 Jan 15;41(1):140-149.

53. Ehrenberg M, Weiss S, Orenstein N, **Goldenberg-Cohen N**, Ben Yosef T. The co-occurrence of rare non-ocular phenotypes in patients with inherited retinal degenerations. *Mol Vis* 2019 14;25:691-702.

54. Olshinka A, Ad-El D, Didkovski E, Weiss S, Ankri R, **Goldenberg-Cohen N**, Fixler D. Diffusion Reflection Measurements of Antibodies Conjugated to Gold Nanoparticles as a Method to Identify Cutaneous Squamous Cell Carcinoma Borders. *Materials*. *Materials* 2020, 13, 447; doi:10.3390/ma13020447

55. Sternfeld A, Rosenwasser-Weiss S, Ben-Yehuda G, Kreizman-Shefer H, Gohas M, Yassar I,

Tauber G, Bejar J, Olshinka A, Vardizer Y, Ad El D, **Goldenberg-Cohen N**. Gene-Related Response of Basal Cell Carcinoma to Biologic Treatment with Vismodegib. *Sci Rep* 10, 1244 (2020). <https://doi.org/10.1038/s41598-020-58117-0>

56. Zahavi A, Weiss S, Vieyra M, Nicholson JD, Muhsinoglu O, Barinfeld O, Zadok D, **Goldenberg-Cohen N**. Ocular Effects of Sildenafil in Naïve Mice and a Mouse Model of Optic Nerve Crush. *Invest Ophthalmol Vis Sci*. 2019 May 1;60(6):1987-1995. doi: 10.1167/iovs.18-26333. PMID: 31063183.

Clinical research

1. **Goldenberg-Cohen N**, Shpilberg O, Modan B, Chetrit A, Ramot B. [Long-term follow-up in polycythemia vera]. *Harefuah*. 1995 Jun 1;128(11):673-6, 744.
2. Weinberger D, **Goldenberg-Cohen N**, Axer-Siegel R, Gatton DD, Yassur Y. Long-term follow-up of perfluorocarbon liquid in the anterior chamber. *Retina*. 1998;18(3):233-7.
3. Barash D, **Goldenberg-Cohen N**, Tzadok D, Lifshitz T, Yassur Y, Weinberger D. Ultrasound biomicroscopic detection of anterior ocular segment foreign body after trauma. *Am J Ophthalmol*. 1998 Aug;126(2):197-202.
4. Lichter H, Loya N, Sagie A, **Goldenberg-Cohen N**, Muzmacher L, Yassur Y, Weinberger D. Keratoconus and mitral valve prolapse. *Am J Ophthalmol*. 2000 May;129(5):667-8.
5. Kramer M, **Goldenberg-Cohen N**, Shapira Y, Axer-Siegel R, Shmueli H, Adler Y, Weinberger D, Sagie A. Role of transesophageal echocardiography in the evaluation of patients with retinal artery occlusion. *Ophthalmology*. 2001 Aug;108(8):1461-4.
6. Loya N, Lichter H, Barash D, **Goldenberg-Cohen N**, Strassmann E, Weinberger D. Posterior chamber intraocular lens implantation after capsular tear: ultrasound biomicroscopy evaluation. *J Cataract Refract Surg*. 2001 Sep;27(9):1423-7.
7. Weinberger D, Lichter H, **Goldenberg-Cohen N**, Priel E, Bahar I, Yassur Y, Axer-Siegel R. Retinal microangiopathies overlying pigment epithelial detachment in age-related macular degeneration. *Retina*. 2002 Aug;22(4):406-11.
8. **Goldenberg-Cohen N**, Miller NR, Repka MX. Traumatic optic neuropathy in children and adolescents. *J AAPOS*. 2004 Feb;8(1):20-7.
9. **Goldenberg-Cohen N**, Curry C, Miller NR, Tamargo RJ, Murphy KP. Long term visual and neurological prognosis in patients with treated and untreated cavernous sinus aneurysms. *J Neurol Neurosurg Psychiatry*. 2004 Jun;75(6):863-7.
10. Subramanian PS, **Goldenberg-Cohen N**, Shukla S, Cheskin LJ, Miller NR. Plasma ghrelin levels are normal in obese patients with idiopathic intracranial hypertension (pseudotumor cerebri). *Am J Ophthalmol*. 2004 Jul;138(1):109-13.
11. **Goldenberg-Cohen N**, Kramer M, Bahar I, Monselise Y, Weinberger D. Elevated plasma levels of interleukin 8 in patients with acute anterior ischaemic optic neuropathy. *Br J Ophthalmol*. 2004 Dec;88(12):1538-40.
12. **Goldenberg-Cohen N**, Tarczy-Hornoch K, Klink DF, Guyton DL. Postoperative adjustable surgery of the superior oblique tendon. *Strabismus*. 2005 Mar;13(1):5-10.

13. **Goldenberg-Cohen N**, Bahar I, Ostashinski M, Lusky M, Weinberger D, Gatton DD. Cyclocryotherapy versus transscleral diode laser cyclophotocoagulation for uncontrolled intraocular pressure. *Ophthalmic Surg Lasers Imaging*. 2005 Jul-Aug;36(4):272-9. (Continued By: Ophthalmic surgery, lasers and imaging retina)
14. Repka MX, **Goldenberg-Cohen N**, Edwards AR. Retinal nerve fiber layer thickness in amblyopic eyes. *Am J Ophthalmol*. 2006 Aug;142(2):247-51.
15. **Goldenberg-Cohen N**, Bahar I, Barash D, Naphtaliv E, Segev Y. Sonographic features of senile scleral calcification. *Ophthalmic Surg Lasers Imaging*. 2007 Mar-Apr;38(2):115-7. (Continued By: Ophthalmic surgery, lasers and imaging retina)
16. Kramer M, Monselise Y, Bahar I, Cohen Y, Weinberger D, **Goldenberg-Cohen N**. Serum cytokine levels in active uveitis and remission. *Curr Eye Res*. 2007 Jul-Aug;32(7-8):669-75.
17. **Goldenberg-Cohen N**, Cohen Y, Monselise Y, Eldar I, Axer-Siegel R, Weinberger D, Kramer M. C-reactive protein levels do not correlate with retinal artery occlusion but with atherosclerosis. *Eye (Lond)*. 2009 Apr;23(4):785-90.
18. Snir M, Hasanreisoglu M, Friling R, **Goldenberg-Cohen N**, Ehrlich R, Bagan J, Axer-Siegel R. Postoperative lomefloxacin 0.3% prophylaxis in strabismus surgery. *Curr Eye Res*. 2008 Oct;33(10):819-25.
19. Friling R, Axer-Siegel R, Ben-Amitai D, **Goldenberg-Cohen N**, Weinberger D, Snir M. Intralesional and sub-Tenon's infusion of corticosteroids for treatment of refractory periorbital and orbital capillary haemangioma. *Eye (Lond)*. 2009 Jun;23(6):1302-7.
20. **Goldenberg-Cohen N**, Haber J, Ron Y, Kornreich L, Toledano H, Snir M, Cohen IJ, Michowiz S. Long-term ophthalmological follow-up of children with Parinaud syndrome. *Ophthalmic Surg Lasers Imaging*. 2010 Jul-Aug;41(4):467-71. (Continued By: Ophthalmic surgery, lasers and imaging retina)
21. Kachko L, Katz J, Axer-Siegel R, Friling R, **Goldenberg-Cohen N**, Simhi E, Ehrenberg M, Snir M. Sub-Tenon's ropivacaine block for pain relief after primary strabismus surgery. *Curr Eye Res*. 2010 Jun;35(6):529-35.
22. Snir M, Hasanreisoglu M, **Goldenberg-Cohen N**, Friling R, Katz K, Nachum Y, Benjamini Y, Herscovici Z, Axer-Siegel R. Suppression of the oculocephalic reflex (doll's eyes phenomenon) in normal full-term babies. *Curr Eye Res*. 2010 May;35(5):370-4.
23. **Goldenberg-Cohen N**, Ehrenberg M, Toledano H, Kornreich L, Snir M, Yassur I, Cohen IJ, Michowiz S. Preoperative Visual Loss is the Main Cause of Irreversible Poor Vision in Children with a Brain Tumor. *Front Neurol*. 2011 Sep 30;2:62.
24. Snir M, Reich U, Siegel R, Zvulunov A, Friling R, **Goldenberg-Cohen N**, Ron Y, Ben-Amitay D. Refractive and structural changes in infantile periocular capillary haemangioma treated with propranolol. *Eye (Lond)*. 2011 Dec;25(12):1627-34.
25. Bialer OY, **Goldenberg-Cohen N**, Toledano H, Snir M, Michowiz S. Retinal NFL thinning on OCT correlates with visual field loss in pediatric craniopharyngioma. *Can J Ophthalmol*. 2013 Dec;48(6):494-9.
26. Snir M, Dotan A, Friling R, Ron-Kella Y, **Goldenberg-Cohen N**, Stiebel-Kalish H. (Equal

- contribution) Contralateral lateral rectus muscle recession in patients with Duane retraction syndrome type III. *Eye (Lond)*. 2014 Mar;28(3):279-84.
27. Rappoport D, **Goldenberg-Cohen N**, Luckman J, Leiba H. Parainfectious optic neuritis: anifestations in children vs adults. *J Neuroophthalmol*. 2014 Jun;34(2):122-9.
28. Toledano H, Muhsinoglu O, Luckman J, **Goldenberg-Cohen N**, Michowiz S. Acquired nystagmus as the initial presenting sign of chiasmal glioma in young children. *Eur J Paediatr Neurol*. 2015 Nov;19(6):694-700.
29. Zahavi A, Luckman J, Yassar I, Michowiz S, **Goldenberg-Cohen N**. Severe cranial neuropathies caused by falls from heights in children. *Graefes Arch Clin Exp Ophthalmol*. 2016 Apr;254(4):765-772.
30. Luckman J, Zahavi A, Efrati S, Gilad G, Snir M, Michowiz S, **Goldenberg-Cohen N**. Difficulty in Distinguishing Posterior Reversible Encephalopathy Syndrome, Hypoxic-Ischemic Insult, and Acute Toxic Leukoencephalopathy in Children. *Neuropediatrics*. 2016 Jan;47(1):33-8.
31. Sternfeld A, Lobel D, Leiba H, Luckman J, Michowiz S, **Goldenberg-Cohen N**. Long-term follow-up of benign positional vertical opsoclonus in infants: retrospective cohort. *Br J Ophthalmol*. 2018 Jun;102(6):757-760
32. Zahavi A, Toledano H, Cohen R, Sella S, Luckman J, Michowiz S, **Goldenberg-Cohen N**. Use of Optical Coherence Tomography to Detect Retinal Nerve Fiber Loss in Children With Optic Pathway Glioma. *Front Neurol*. 2018 Dec 20;9:1102. doi: 10.3389/fneur.2018.01102. eCollection 2018.
33. Ben-Shabat A, Ash S, Luckman J, Toledano H, **Goldenberg-Cohen N**. Likelihood of Diagnosing Neuroblastoma in Isolated Horner Syndrome. *J Neuroophthalmol*. 2019 Sep;39(3):308-312. doi: 10.1097/WNO.0000000000000764.
34. Hilely A, Leiba H, Hecht I, **Goldenberg-Cohen N**. Long Term Follow-Up of Pseudotumor-Cerebri Syndrome in Pre-Pubertal Children, Adolescents and Adults. *Pediatric Neurology*. 2019 Dec 27;101:57-63.
35. Sternfeld A, Segal R, Altman M, and **Goldenberg-Cohen N**. Unpredicted eye preference in anisometropic children diagnosed late with amblyopia. *Clinical Exp Vis Eye Res J (CLEVER)*. 2019.
36. Luckman J, Chokron S, Michowiz S, Belenky E, Toledano H, Zahavi A, **Goldenberg-Cohen N**. The Need to Look for Visual Deficit after Stroke in Children. *Frontiers in Neurology, section Pediatric Neurology*. 2020 | <https://doi.org/10.3389/fneur.2020.00617>
37. Zahavi A, Luckman J, Ben-David GS, Toledano H, Michowiz S, Vardizer Y, **Goldenberg-Cohen N**. Proptosis due to intraorbital space-occupying lesions in children. *Graefes Arch Clin Exp Ophthalmol* (2020). <https://doi.org/10.1007/s00417-020-04840-3>

Case reports

CLINICAL

1. Cohen Y, **Goldenberg-Cohen N**, Kasis S, Shpilberg D, Oren M. [Primary breast lymphoma]. *Harefuah*. 1993 Jul;125(1-2):24-6, 63.

2. Katz Y, **Goldenberg-Cohen N**, Kivity S. Localized periorbital edema induced by aspirin. *Allergy*. 1993 Jul;48(5):366-9.
3. **Goldenberg-Cohen N**, Naftaliev E, Millmond SH, Segev Y, Reider-Groswasser I. Ophthalmic artery calcification in a patient with renal failure. *Neuroradiology*. 2001 Nov;43(11):1005-6.
4. **Goldenberg-Cohen N**, Miller NR. Noninvasive neuroimaging of basilar artery dolichoectasia in a patient with an isolated abducens nerve paresis. *Am J Ophthalmol*. 2004 Feb;137(2):365-7.
5. Berestizshevsky S, **Goldenberg-Cohen N**, Friling R, Weinberger D, Snir M. Ocular injury in children from exploding microwaved eggs. *Am J Ophthalmol*. 2005 Apr;139(4):718-9.
6. Cleper R, **Goldenberg-Cohen N**, Kornreich L, Krause I, Davidovits M. Neurologic and ophthalmologic complications of vascular access in a hemodialysis patient. *Pediatr Nephrol*. 2007 Sep;22(9):1377-82.
7. Cohen L, Tzur S, **Goldenberg-Cohen N**, Bormans C, Behar DM, Reinstein E. Exome sequencing identifies a novel de-novo OPA1 mutation in a highly consanguineous family presenting with optic atrophy. *Genet Res (Camb)*. 2016 Jun 6;98:e10. doi: 10.1017/S0016672316000070.
8. Weiss S, Bazak L, Ehrenberg M, Straussberg R, **Goldenberg-Cohen N**. Blue Cone Monochromacy Causes Deterioration in Visual Acuity and Color Vision in a Boy. *Journal of Pediatric Neurology and Medicine*. 2016 Apr, *J Pediatr Neurol Med* 1:111. doi:10.4172/jpnm.1000111
9. Vardizer Y, Shamaly S, Raveh D, Shamir D, Borisovsky N, Man-Peles I, **Goldenberg-Cohen N**. Dental implant causing lateral rectus muscle traumatic laceration. *Cli Exp Vis Eye Res J* 2019;2(1):45-48.
10. Herscu K, Cohen R, Man-Peles I, Michowiz S, **Goldenberg-Cohen N**. Retinal hamartomas respond to everolimus treatment for tuberous sclerosis: A case report. *Cli Exp Vis Eye Res J* 2019;2(1):52-54. (photoassay)
11. **Goldenberg-Cohen N**, Man-Peles I, Borisovsky N. Incidental findings of multiple air emboli in the brain and orbit. *Cli Exp Vis Eye Res J* 2020;3(1)48-49. (photoassay)[DOI : 10.15713/ins.clever.47]

Review papers

1. **Goldenberg-Cohen N**, Avraham RB, Weinberger D. Applications of stem cells in the eye. *Medicine/Ophthalmology*. 2007;(2).
2. **Goldenberg-Cohen N**, Leiba H. Perioperative visual loss. *Medicine/Ophthalmology*. 2008 Apr;(5).
3. Sadikov T, Avraham-Lubin BR, **Goldenberg-Cohen N**. Stem cells to the eye. *Medicine/Ophthalmology*. 2011 Jan.
4. Leiba H, **Goldenberg-Cohen N**. [Animal models to better understanding optic nerve ischemia]. *Eye Update*. 2013 Dec;21:26-30.
5. **Goldenberg-Cohen N**. [Contact lens to amblyopia]. *Eye Optic*. 2013;10-6.

6. Nicholson JD, Leiba H, **Goldenberg-Cohen N**. Translational Preclinical Research may Lead to Improved Medical Management of Non-Arteritic Anterior Ischemic Optic Neuropathy. *Front Neurol*. 2014 Jul 11;5:122.
7. Aharony I, Michowiz S, **Goldenberg-Cohen N** (2017) The promise of stem cell-based therapeutics in ophthalmology. *Neural Regen Res* 12(0):000
8. Sharon D, Ben-Yosef T, Pras E, **Goldenberg-Cohen N**, Gradstein L, Shomron N, Birk O, Ehrenberg M, Levy J, Mezer E, Soudry S, Rotenstreich Y, Newman H, Leibur R, Banin E, Perlman I. [The israeli inherited retinal diseases consortium (iirdc)- clinical-genetic mapping and future perspectives]. *Harefuah*. 2019 Feb;158(2):91-95. Hebrew. PubMed PMID: 30779484.
9. **Goldenberg-Cohen N** [anisometropia, Preferring the wrong eye]. *Eye Optic* 2019

15.3 Books

15.4 Book chapters

Haptoglobin genotype and diabetic retinopathy
 Handbook of Nutrition, Diet, and the Eye,
 Editor; V. Preedy. Elsevier. 2014 1st edition. 704 pages

15.5 Letters to the Editor

15.6 Refereed papers in conference proceedings

15.7 Patents (granted)

15.8 Other publications

16 CONFERENCES

16.1 Plenary, keynote or invited talks

International

1. **N. Goldenberg-Cohen**, Experimental ischemic optic neuropathy, International Neuro Ophthalmology Society (INOS), France, 2010. (Invited Talk)
2. **N. Goldenberg-Cohen**, B-raf mutation in conjunctival melanoma: implication for targeted therapy, The Association for Research in Vision and Ophthalmology (ARVO), USA, 2012. (Invited Talk)
3. **N. Goldenberg-Cohen**, New horizons in the treatment of optic gliomas, The international symposium on ocular pharmacology and therapeutics ISOPT, Germany, 2015. (Invited Talk)
4. **N. Goldenberg-Cohen**, Phosphodiesterase 5 inhibition- Optic nerve erection without neuroprotection, The international symposium on ocular pharmacology and therapeutics, (ISOPT), Germany, 2015. (Invited Talk)

5. **N. Goldenberg-Cohen**, Stem cells therapy to anterior ischemic optic neuropathy, The international symposium on ocular pharmacology and therapeutics, (ISOPT), Italy, 2016. (Invited Talk)
6. **N. Goldenberg-Cohen**, New treatment in Glioma, 3rd world congress of pediatric ophthalmology and strabismus (WSPOS), India, 2017. (Invited Talk)
7. **N. Goldenberg-Cohen**, Review literature on optic nerve and ganglion cell loss, NANOS, USA, 2018. (Invited Talk)
8. **N. Goldenberg-Cohen**, When to image 6th nerve palsy, Neurology Neurophysiology, Israel, 2019. (Invited Talk)
9. **N. Goldenberg-Cohen**, The dark side of strabismus, The 8th annual congress of the Israeli Ophthalmology Society, Israel, 2020. (Invited Talk)

National

1. **N. Goldenberg-Cohen**, experimental optic neuropathies, The Institute for International Scientific Exchanges in Medical Sciences, Israel, 2012. (Invited Talk)
2. **N. Goldenberg-Cohen**, Inovations in pediatric ophthalmology, Israel ophthalmology society, Israel, 2017. (Invited Talk)
3. **N. Goldenberg-Cohen**, New treatments in strabismus, ocular microsurgery, Israel, 2017. (Invited Talk)
4. **N. Goldenberg-Cohen**, difficult cases in neuroophthalmology, The 5th national conference for residents in ophthalmology, Hirshberg family, Israel, 2017. (Invited Talk)
5. **N. Goldenberg-Cohen**, 2018 Controversy in neuroophthaomology 6 cnp , Sorasky Medical Center, Israel, 2018. (Invited Talk)
6. **N. Goldenberg-Cohen**, New treatments in Neuroophthalmology Microsurgery, ocular microsurgery, Israel, 2018. (Invited Talk)
7. **N. Goldenberg-Cohen**, Wrong eye preference in children with anisometropia, Johnson and Johnson optometric annual conference, Israel, 2018. (Invited Talk)
8. **N. Goldenberg-Cohen**, Neuroophthalmology cases, Continous studies, Ophthalmology, Technion, Israel, 2019. (Invited Talk)
9. **N. Goldenberg-Cohen**, New horizons in treatment of optic pathway gliomas . The role of new molecular markers, ocular microsurgery, Israel, 2019. (Invited Talk)
10. **N. Goldenberg-Cohen**, Vertical diplopia, Orthoptic Course, Israel, 2019. (Invited Talk)
11. **N. Goldenberg-Cohen**, discussion of cases in pediatric and strabismus, The 6th national coference for residents in ophthalmology, Hirshberg family, Israel, 2019. (Invited Talk)

16.2 Contributed Talks and Posters

International Oral

1. N. Goldenberg-Cohen, N.R. Miller, S.L. Bernstein, Defining the retinal and optic nerve response to anterior ischemic optic neuropathy in a mouse model, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2003 .
2. N. Goldenberg-Cohen, N.R. Miller, M.X. Repka, Traumatic optic neuropathy in the pediatric group, American Association for Pediatric Ophthalmology and Strabismus (AAPOS), USA. 03-2003 .
3. N. Goldenberg-Cohen, S.L. Bernstein, N.R. Miller, Oligodendrocytes dysfunction is an early event following induction of ischemic optic neuropathy, Wilmer Resident Award, USA. 04-2003 .
4. D. Weinberger, Y. Ron, N. Goldenberg-Cohen, Intravitreal injection of bone marrow derived stem cells after laser treatment to central retina, Macula Society, USA. 02-2006 .
5. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, Repair of optic nerve ischemic injury in the mouse by bone marrow derived stem cells, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2006 .
6. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, In situ differentiation of bone marrow derived stem cells in ischemic retina, Michaelson Club, 9th Michaelson Symposium, USA. 05-2007 .
7. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, Mobilization of bone marrow cells by GM-CSF impairs incorporation and differentiation in the ischemic retina, North American Neuro-Ophthalmology Society (NANOS), USA. 03-2008 .
8. I. Avisar, O. Dratviman, I. Kramer, D. Weinberger, N. Goldenberg-Cohen, Therapeutic effect of subconjunctival and intraocular bevacizumab (avastin) injections in a mouse model of corneal neovascularization, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2008 .
9. N. Goldenberg-Cohen, B.R. Avraham-Lubin, N. Askenasy, Enhanced neuronal differentiation of bone marrow derived stem cells in a mouse model of ischemic optic neuropathy, North American Neuro-Ophthalmology Society (NANOS), USA. 03-2010 .
10. D. Rappoport, D. Morzaev, S. Weiss, M. Vieyra, H. Leiba, N. Goldenberg-Cohen, Intravitreal injection of bevacizumab may be neuroprotective in a mouse model of optic nerve crush, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2013 .
11. D. Sharon, T. Ben-Yosef, N. Goldenberg-Cohen, L. Gradstein, E. Pras, A. Abbasi, N. Shomron , E. Mezer, M. Ehrenberg , S. Zayit-Soudry, H. Newman , R. Leibu , Y. Rotenstreich, H. Levy, E. Banin, I. Perlman., The Israeli Inherited Retinal Diseases Consortium (IIRDC): Mapping Inherited Retinal Diseases in the Israeli Population, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
12. N. Goldenberg-Cohen, Literature Relevant to Optic Nerve and Retinal Ganglion Cells, Neuro-Ophthalmology Society (NANOS), USA. 02-2018 .

13. N. Goldenberg-Cohen, When to Image 6CN palsy, . The 15th annual update conference on neurology and clinical neurophysiology, Israel. 02-2019 .

International Poster

1. M Muhlbauer Avni, N Yosha-Orpaz, O Konen, N Goldenberg-Cohen, R Straussberg, Assessment of the association between pediatric Idiopathic Intracranial Hypertension and olfactory function, International Child Neurology Congress (ICNC), India
2. N. Loya, H. Lichter, D. Barash, N. Goldenberg-Cohen, L. Mutzmacher, Y. Yassur, D. Weinberger, Ultrasonic biomicroscopy study of PC IOL following posterior capsule rupture during ECCE. , European Society of Cataract and Refractive Surgeons, France. 09-1998 .
3. R. Axer-Siegal, N. Goldenberg-Cohen, M. Snir, D. Weinberger, Posttraumatic endophthalmitis, Trauma Conference, Canada. 07-2000 .
4. N. Goldenberg-Cohen, M. Kramer, Y. Monselise, D. Weinberger, Serum C-reactive protein in patients with retinal artery occlusion, The Association for Research in Vision and Ophthalmology (ARVO), USA. 04-2001 .
5. M. Kramer, N. Goldenberg-Cohen, D. Weinberger, Y. Monselise, Cytokines in serum and aqueous humor in patients with retinal artery occlusion, The Association for Research in Vision and Ophthalmology (ARVO), USA. 07-2001 .
6. N. Goldenberg-Cohen, F. Margolis, N.R. Miller, S.L. Bernstein, Functional changes in a mouse model of anterior ischemic optic neuropathy, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2002 .
7. D.L. Guyton, M. Bazemore, N. Goldenberg-Cohen, D.F. Klink, K. Tarczy- Hornoch, Advances in adjustable suture techniques for strabismus surgery, Wilmer Resident Award, USA. 04-2003 .
8. N. Goldenberg-Cohen, F. Margolis, Y. Guo, N.R. Miller, S.L. Bernstein, Anterior ischemic optic neuropathy alters RGC and oligodendrocyte function., the Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2003 .
9. C. Curry, N. Goldenberg-Cohen, N.R. Miller, R. Tamargo, K. Murphy, Cavernous sinus aneurysm (CCA): A long-term follow-up, American Association of Ophthalmology (AAO), USA. 11-2003 .
10. N. Goldenberg-Cohen, Y. Cohen, E. Rosenbaum, Z. Hershkovichi, I. Chowers , J. Pe'er, D. Weinberger, D. Sidransky, Detection of genetic alterations in the BRAF oncogene among different melanocytic lesions of the conjunctiva, XI International Congress of Ocular Oncology (ICOO), India. 01-2004 .
11. P. Subraminani, N. Goldenberg-Cohen, S. Shukla, L.J. Cheskin, N.R. Miller, Plasma ghrelin levels are normal in obese patients with idiopathic intracranial hypertension (pseudotumor cerebri). , North American Neuro-Ophthalmology Society (NANOS), USA. 03-2004 .

12. N. Goldenberg-Cohen, Y. Cohen, E. Rosenbom, Z. Herscovici, I. Chowers, J. Pe'er, D. Weinberger, D. Sidransky, High frequency of oncogenic BRAF mutations in juvenile conjunctival nevi, American Association of Pediatric Ophthalmology and Strabismus, USA. 03-2004 .
13. N. Goldenberg-Cohen, I.H. Maumenee, D.P. Judge, R. Green, H.C. Dietz, Ocular pathology in a mouse model of Marfan syndrome, the Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2005 .
14. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, Repair of optic nerve ischemic injury in the mouse by bone marrow derived stem cells, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2006 .
15. Y. Ron, D. Weinberger, N. Goldenberg-Cohen, Intravitreal Injection of bone marrow derived stem cells after laser treatment to central retina, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2006 .
16. M. Hasanreisoglu, B.R. Avraham, S. Dadon, Y. Cohen, D. Weinberger , N. Goldenberg-Cohen, Neuroprotective effect of brimonidine in a mouse model of ischemic optic neuropathy., The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2006 .
17. N. Goldenberg-Cohen, M. Ehrenberg, I. Cohen, E. Priel, D. Weinberger, Use of optical coherence tomography to measure retinal nerve fiber layer thickness in children with visual field defects, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2007 .
18. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, Enhanced neuronal differentiation of bone marrow derived stem cells in ischemic retina, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2007 .
19. E. Merhavi, B.R. Avraham, Y. Cohen, S. Frenkel, I. Chowers, J. Pe'er, N. Goldenberg-Cohen., Promoter methylation status of multiple genes in uveal melanoma, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2007 .
20. R.B. Avraham, E. Merhavi, Y. Cohen, S. Frenkel, J. Pe'er, N. Goldenberg-Cohen, DNA hypermethylation status of multiple genes in retinoblastoma, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2007 .
21. D. Weinberger, B.R. Avraham, N. Goldenberg-Cohen, Enhanced marrow-derived stem cells differentiate in the injured retina, Macula Society, United Kingdom. 06-2007 .
22. S. Dadon, M. Hasanreisoglu, D. Weinberger, N. Goldenberg-Cohen, The neuroprotective role of hyperbaric oxygen chamber therapy in ischemic optic neuropathy in a murine model, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2008 .
23. N. Goldenberg-Cohen, O. Dratviman, M. Hasanreisoglu, D. Weinberger, Progressive damage following induction of ischemic or mechanical optic nerve injury in two transgenic mice models, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2008 .
24. B.R. Avraham, D. Weinberger, N. Askenasy, N. Goldenberg-Cohen, Mobilization of bone marrow cells by GM-CSF impairs incorporation and differentiation in the ischemic retina, International Society for Stem Cell Research, USA. 06-2008 .

25. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, N. Askenasy, Developmental plasticity of adult bone marrow-derived stem cells in the injured retina, International Society for Stem Cell Research, USA. 06-2008 .
26. D. Ezrachi, V. Gaydar, S. Hofstetter, B.R. Avraham-Lubin, O. Dratviman-Storobinsky, N. Goldenberg-Cohen, Reducing apoptosis in the ischemic retina using hyperbaric oxygen treatment in two different mouse models, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2009 .
27. M. Ehrenberg, O. Dratviman, B.R. Avraham-Lubin, N. Goldenberg-Cohen, Polymorphism in the WRN gene in patients with senile cataract, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2009 .
28. V. Gaydar, O. Dratviman-Storobinsky, T. Goldstein, A. Raiter, B. Hardy, N. Goldenberg-Cohen, The possible neuroprotective effect of RoY peptide ligation to membranal GRP78 in the ischemic retina, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2010 .
29. O. Dratviman-Storobinsky, Y. Cohen, N. Binkovsky, S. Frenkel, J. Pe'er, N. Goldenberg-Cohen, The role of RASSF1A in uveal melanoma, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2010 .
30. N. Goldenberg-Cohen, T. Sadikov, B.R. Avraham-Lubin, N. Askenasy, Intravitreal injection of adult bone marrow derived stem cells to developing retina of newborn mice, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2011 .
31. O. Bialer, M. Snir, H. Toledano, S. Michowiz, N. Goldenberg-Cohen, Nerve fiber loss in children with craniopharyngioma is in correlation with visual fields defects, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2012 .
32. N. Goldenberg-Cohen, S. Michowiz, J. Luckman, H. Leiba, Hyperbaric oxygen treatment for ischemia of the visual pathways, even beyond the acute phase, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2012 .
33. B.R. Avraham-Lubin, T. Sadikov, N. Askenasy, N. Goldenberg-Cohen, VEGF induces neural and astrocytic differentiation and angiogenesis in bone marrow-derived stem cells and promotes microglia conversion following mobilization with GM-CSF, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2012 .
34. N. Goldenberg-Cohen, O.Y. Bialer, M. Snir, H. Toledano, S. Michowiz, Nerve fiber loss in children with craniopharyngioma is in correlation with visual fields defects, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2012 .
35. N. Goldenberg-Cohen, E. Banin, B. Cohen, Y.I. Zalstein, L. Rizel, L. Basel-Vanagaite, T. Ben-Yosef, Exome sequencing identifies mutations of both MYO7A and PDE6B in three siblings with retinitis pigmentosa, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2013 .

36. N. Goldenberg-Cohen, D. Morzaev, S. Weiss, M. Vieyra, E. Hochhauser, TLR4 knock-out mice are resistant to optic nerve crush damage, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2013 .
37. S. Weiss, D. Morzaev, M. Salmon, E. Eyal, Y. Cohen, N. Goldenberg-Cohen, Carriers of degenerative retinal diseases can be easily identified using target capture next generation sequencing , The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2013 .
38. N. Goldenberg-Cohen, O. Muhsinoglu, H. Toledano, J. Luckman, S. Michowiz, Acquired monocular nystagmus is a common initial presenting sign of a chiasmal glioma in young children , North American Neuro-Ophthalmology Society (NANOS), Puerto Rico. 03-2014 .
39. H. Leiba, H. Toledano, J. Luckman, D. Rappoport, S. Michowiz, N. Goldenberg-Cohen, Management dilemmas for optic nerve glioma with proptosis and visual loss in children , North American Neuro-Ophthalmology Society (NANOS), Puerto Rico. 03-2014 .
40. D. Rappoport, H. Leiba, J. Luckman, S. Michowiz, N. Goldenberg-Cohen, Ophthalmological Symptoms, Signs and Outcome in Arterial and Venous Stroke in Children, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2014 .
41. JD Nicholson, D. Morzaev, S. Weiss, E. Hochhauser, N. Goldenberg-Cohen, Fluorescent vascular imaging shows that TLR4 knockout reduces neovascularization and corneal scar after mouse corneal burn injury, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2014 .
42. A.Hilely, N. Goldenberg Cohen, H. Leiba, Long term follow-up of PTC: children Vs adults, North American Neuro-Ophthalmology Society (NANOS), USA. 03-2015 .
43. N. Goldenberg-Cohen, M. Vieyra, O. Muhsinoglu, S. Weiss, D. Zadok, J D. Nicholson, Possible Revatio (Sildenafil) Induced Optic Neuropathy in Mice, North American Neuro-Ophthalmology Society (NANOS), USA. 03-2015 .
44. A. Zahavi, J. Luckman, I. Yassur, N. Goldenberg-Cohen, Neuropathies In Children Involving Vision Caused By A Fall From Height, North American Neuro-Ophthalmology Society (NANOS), USA. 03-2015 .
45. S. Weiss, M. Azab, M. Salmon-Divon, G. Tessler-Betzalel, Y. Cohen, N. Goldenberg-Cohen, BRCA1/2 mutations are not associated with risk of exudative age-related macular degeneration in Ashkenazi Jews, 5th International Conference on Clinical & Experimental Ophthalmology, Spain. 08-2015 .
46. N. Goldenberg-Cohen, H. Toledano, O. Muhsinoglu, J. Luckman, S. Michowiz, Acquired nystagmus as the initial presenting sign of a chiasmal glioma in young children, 3rd World Congress of Paediatric Ophthalmology and Strabismus (WSPOS), Spain. 09-2015 .
47. S. Weiss, L. Bazak , M. Ehrenberg, R. Strausberg, N. Goldenberg-Cohen, Blue cone monochromacy causes deterioration in visual acuity and color vision in a boy, 3rd World Congress of Paediatric Ophthalmology and Strabismus (WSPOS), Spain. 09-2015 .

48. G. Yahav, D. Fixler, S. Gershanov and N. Goldenberg-Cohen, A novel method for sensing metastatic cells in the CSF of pediatric population with medulloblastoma by frequency domain FLIM system , the international society for optics and photonics (SPIE), USA. 02-2016 .
49. N. Goldenberg-Cohen H Toledano, S. King-Sella, R. Cohen, J. Luckman, S. Michowiz, Optic coherent tomography shows anatomical-functional correlation with visual function of children with optic pathway glioma , North American Neuro-Ophthalmology Society (NANOS), USA. 02-2016 .
50. A. Sternfeld, D. Lobel, H. Leiba, N. Goldenberg-Cohen, Long term follow up of children with downgaze nystagmus at infancy, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2016 .
51. M. Fridman, M. Brookman, O. Barinfeld, N. Goldenberg-Cohen, The neuroprotective role of TNF-alpha receptors 1 and 2 in mouse model of optic nerve crush, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2016 .
52. S. Gershanov, H. Toledano, S. Michowiz, G. Yahav, O. Barinfeld, A. Hirshberg, M. Salmon-Divon, D. Fixler, N. Goldenberg-Cohen, A novel detection method of metastatic cells in the cerebrospinal fluid of pediatric population with medulloblastoma using fluorescence lifetime imaging microscopy, The Biennial Congress of the European Association for Cancer Research (EACR24), United Kingdom. 07-2016 .
53. S. Gershanov, S. Michowiz, O. Barinfeld, M. Salmon-Divon, N. Goldenberg-Cohen, H. Toledano, MicroRNA expression is highly subgroup specific in medulloblastoma as validated by RNA seq and nanostring, International Symposium on Pediatric Neuro-Oncology (ISPNO 2016), United Kingdom. 07-2016 .
54. N. Goldenberg-Cohen, A. Ben Shabat, S. Ash, Likelihood of diagnosing neuroblastoma in isolated Horner syndrome, North American Neuro-Ophthalmology Society (NANOS), USA. 04-2017 .
55. D. Sharon, T. Ben-Yosef, N. Goldenberg-Cohen, L. Gradstein, E. Pras, A. Abbasi, N. Shomron , E. Mezer, M. Ehrenberg , S. Zayit-Soudry, H. Newman , R. Leibur , Y. Rotenstreich, H. Levy, E. Banin, I. Perlman, The Israeli Inherited Retinal Diseases Consortium (IIRDC): Mapping Inherited Retinal Diseases in the Israeli Population, . The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
56. M. Fridman, S. Weiss, N. Goldenberg-Cohen, The roll of the inflammation in RGC survival after induction of optic nerve crush in mice, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
57. N. Goldenberg-Cohen, J. Luckman, D. Rappoport, H. Leiba, S. Michowiz, Y. Vardizer, H. Toledano., Primary tumors underlying unilateral orbital proptosis in children, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
58. A. Sternfeld, Y. Barkana, R. Ofri, N. Goldenberg-Cohen, . Intra ocular injection of plastic microsphere induces glaucoma in mice, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .

59. N Goldenberg-Cohen, Judith Luckman, Daniel Rappoport, Hana Leiba, Shalom Michowiz, Yoav Vardizer, Helen Toledano, Tumors underlying unilateral orbital proptosis in children, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
60. T. Azrad-Lebovitz, E. Houchhauser, N. Goldenberg-Cohen, . Effect of a single injection of anti-VEGF agent on retinal edema in non-obese diabetic mice, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
61. S Weiss, H Toledano, O Barinfeld, S Michowiz, N Goldenberg-Cohen, Mutation analysis of MYB, MYBL1 and FGFR1 in pediatric low grade gliomas of the optic pathway, The Association for Research in Vision and Ophthalmology (ARVO), USA. 05-2017 .
62. O. Zloto, M. Fridman, S. Weiss, N. Goldenberg-Cohen., . Azithromycin as a possible neuroprotective drug following optic nerve crush induction in mice, The international symposium on ocular pharmacology and therapeutics ISOPT, Israel. 03-2018 .
63. S. Rosenwasser Weiss, A Sternfeld, G Ben-Yehuda, M. Gohas, I Yassur, G Tauber, Y Vardizer, D Adel, N Goldenberg-Cohen, Molecular Analysis of Basal Cell Carcinoma following Vismodegib biologic treatment Blocking Hedgehog Pathway, . The International Symposium On Ocular Pharmacology And Therapeutics (ISOPT), Israel. 03-2018 .
64. S Gershanov, S Michowiz, H Toledano, G Yahav, O Barinfeld, A Hirshberg, H Ben-Zvi, G Mircus, M Salmon-Divon, D Fixler & N Goldenberg-Cohen, FLIM- a novel detection method of metastatic cells in the cerebrospinal fluid of pediatric population with medulloblastoma , The 46th Annual Meeting of the International Society for Pediatric Neurosurgery (ISPN), Israel. 10-2018 .
65. S Gershanov, H Toledano, S Michowiz, O Barinfeld, A Pinhasov, N Goldenberg-Cohen, Mali Salmon-Divon, MicroRNA-mRNA expression profiles can distinguish medulloblastoma subgroup 3 from 4, The 46th Annual Meeting of the International Society for Pediatric Neurosurgery (ISPN), Israel. 10-2018 .
66. S Gershanov, H Toledano, S Michowiz, Orit Barinfeld, A Pinhasov, N Goldenberg-Cohen, Mali Salmon-Divon, MicroRNA-mRNA expression profiles can differentiate medulloblastoma subgroup 3 and 4. , International Society of Pediatric Oncology (ISOP),, Japan. 11-2018 .
67. N. Goldenberg Cohen, O. Zloto, M. Frieman, S. Weiss., Azithromycin as a possible neuroprotective drug in mouse model of optic nerve crush, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2019 .
68. N. Goldenberg Cohen; K Herscu; R Cohen; I Man-Peles; S Michowiz, mTOR Inhibitor Causes Regression of Retinal Hamartomas in Patients with Tuberosclerosis, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2019 .
69. I Man-Peles; S Weiss; H Mandel; N. Goldenberg Cohen., Mitochondrial ND5 gene heteroplasmic mutation (m.G13042A), in a patient with Leigh-LHON overlap syndrome, North American Neuro-Ophthalmology Society (NANOS), USA. 02-2019 .
70. S Weiss, N Orenstein, A Zahavi, N. Goldenberg Cohen, High myopia and strabismus induced by a deep intronic mutation in COL2A1 #A0416, The Association for Research in Vision and Ophthalmology (ARVO), Canada. 05-2019 .

71. A Sternfeld, R Segal, M Altman, N Goldenberg-Cohen, Unpredicted eye preference in anisometropic children diagnosed late with amblyopia, The Association for Research in Vision and Ophthalmology (ARVO), Canada. 05-2019 .

72. A Zahavi, J Abu Dbai, S Weiss, N. Goldenberg Cohen, Detection of Genes Associated with Proliferative Diabetic Retinopathy Using Nanostring Technique, The Association for Research in Vision and Ophthalmology (ARVO), Canada. 05-2019 .

National Oral

1. N. Goldenberg, O. Shpilberg, A. Shitrit, B. Modan, B. Ramot, Polycythemia vera - the Sheba Medical Center experience, Annual Meeting of the Cancer Biology Research Center, Israel. 02-1992 .

2. D. Barash, N. Goldenberg-Cohen, D. Weinberger, Y. Yassur, Ultrasound biomicroscopy detection of anterior ocular segment foreign body after trauma, Israel Ophthalmology Association, Israel. 06-1997 .

3. N. Goldenberg-Cohen, R. Axer-Siegel, D. Weinberger, I. Rosenblatt, Y. Yassur, Treatment of postoperative and posttraumatic endophthalmitis, Israel Ophthalmology Association, Israel. 11-1997 .

4. D. Weinberger, N. Goldenberg-Cohen, M. Lusky, Y. Yassur, Cyclocryotherapy: long-term follow-up, The Second International Glaucoma Symposium- IGS, Israel. 03-1998 .

5. N. Goldenberg-Cohen, M. Kramer, Y. Monselise, B. Parietinsky, R. Axer-Siegel, D. Weinberger, A possible role of inflammation in retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-2001 .

6. N. Goldenberg-Cohen, D.L. Guyton, Post-operative adjustable surgery of the superior oblique tendon, The Microsurgery Meeting, Israel. 01-2004 .

7. N. Goldenberg-Cohen, F. Margolis, Y. Guo, N.R. Miller, S.L. Bernstein, Anterior ischemic optic neuropathy alters RGC and oligodendrocyte function, Israel Society for Eye and Vision Research, Israel. 03-2004 .

8. N. Goldenberg-Cohen, Acute ophthalmoplegia in a child, Israeli Pediatric Ophthalmologist Association, Israel. 02-2005 .

9. N. Goldenberg-Cohen, An update from NANOS, The Israeli Neuro-Ophthalmology Association , Israel. 05-2005 .

10. B.R. Avraham, G. Dotan, M. Kramer, Y. Monselise, D. Weinberger, N. Goldenberg-Cohen, Plasma and optic nerve levels of IL-6, MIP-2 and TNF- α following induction of ischemic optic neuropathy in mice, Visual function – insights from the revolution in biology at the molecular level , Israel. 06-2005 .

11. N. Goldenberg-Cohen, I. Avisar, A. Shuper, M. Sade, S. Michowiz, M. Swartz, L. Kornreich, I. Yaniv, M. Snir, Y. Cohen, D. Weinberger, Visual impairment in children with brain tumor, Israel Ophthalmology Association, Israel. 07-2005 .
12. N. Goldenberg-Cohen, Y. Hiram, M. Preis, E. Yaniv, Y. Stern, D. Weinberger, M. Snir, Periorbital cellulitis a retrospective review of 208 children, Israel Ophthalmology Association, Israel. 11-2005 .
13. N. Goldenberg-Cohen, Ocular myasthenia gravis, Pediatric Neurology Conference Day, Israel. 05-2006 .
14. N. Goldenberg-Cohen, B.R. Avraham, D. Weinberger, N. Askenasy, Growth factors enhance neuronal differentiation of bone marrow cells in the ischemic retina, International Stem Cell Conference, Israel. 06-2007 .
15. N. Goldenberg-Cohen, Ocular manifestations of pediatric brain tumors, 2nd SCMCI pediatric brain tumor symposium, Israel. 06-2007 .
16. D. Ezrachi, V. Gaydar, S. Hofstetter, B.R. Avraham-Lubin, O. Dratviman-Storobinsky, N. Goldenberg-Cohen , Reducing apoptosis in the ischemic retina using hyperbaric oxygen treatment in two different mouse models, Research Day, Israel. 07-2009 .
17. N. Goldenberg-Cohen, T. Sadikov, B.R. Avraham-Lubin, N. Askenasy, The use of adult bone marrow derived stem cells in ischemic and developing murine retinae, ILANIT/FISEB Federation of The Israel Societies for Experimental Biology, Israel. 02-2011 .
18. N. Goldenberg-Cohen, Experimental optic neuropathies, The 4th Annual Meeting of the Institute for International Scientific Exchanges in Medical Sciences, Israel. 02-2012 .
19. N. Goldenberg-Cohen , M. Snir, M. Ostashinsky, In the family- genetic treatment for LHON, The Israel Ophthalmology Association- The Pediatric Meeting, Israel. 07-2012 .
20. D. Rappoport, D. Morzaev, S. Weiss, M. Vieyra, H. Leiba, N. Goldenberg-Cohen, Intravitreal injection of bevacizumab may be neuroprotective in a mouse model of optic nerve crush, Israel Society for Eye and Vision Research, Israel. 03-2013 .
21. O. Muhsinoglu, M. Vieyra, D. Morzaev, S. Weiss, N. Goldenberg-Cohen, Characterization of diabetic retinopathy (DR) in nod mouse model reveals molecular mechanisms involved, Israel Society for Eye and Vision Research, Israel. 03-2013 .
22. D. Rappoport, J. Luckman, N. Goldenberg-Cohen, H. Leiba, Postinfectious optic neuritis: Manifestations in children versus adults, The Israel Ophthalmology Association- The Pediatric Meeting, Israel. 07-2013 .
23. N. Goldenberg-Cohen, O. Muhsinoglu, H. Toledano, J. Luckman, S. Michowiz, Acquired monocular nystagmus is a common initial presenting sign of a chiasmal glioma in young children, Israel Ophthalmology Association, Israel. 05-2014 .
24. M. muhlbauer, N. Goldenberg Cohen, R. Strausberg, Association between smell and severity of Idiopathic intracranial hypertension in children, Schneider Research Day, Israel. 03-2015 .

25. O. Lewa, R. Friling, N. Goldenberg-Cohen, Fluctuating third nerve palsy in a child., Microsurgery Eilat, Israel. 01-2016 .
26. J. Morevnik, N. Goldenberg-Cohen, Acute ophthalmoplegia in a child, Microsurgery Eilat, Israel. 01-2016 .
27. A. Sternfeld, D.Lobel, J. Luckman, S. Michowiz, N. Goldenberg-Cohen, Downgaze nystagmus in healthy babies, Microsurgery Eilat, Israel. 01-2016 .
28. T. Azrad, R. Ankri, D. Weinberger, D. Fixler, N. Goldenberg-Cohen, Is there Neovascularization in Diabetic Mouse Model?, Israel Society for Eye and Vision Research, Israel. 03-2016 .
29. S. Gershanov, S. Michowiz, H. Toledano, O. Barinfeld, M. Salmon-Divon, N. Goldenberg-Cohen, Using differential expression of MicroRNA may improve subgrouping of medulloblastoma for targeted treatment, Israel Society for Eye and Vision Research, Israel. 03-2016 .
30. NJ. Marianayagam, J. Luckman, R. Huna-Baron, H. Toledano, S. Michowitz, H. Stiebel-Kalish, N. Goldenberg-Cohen, Malignant tumors infiltrating the optic nerve, Israel Society for Eye and Vision Research, Israel. 03-2016 .
31. M. Fridman, I. Novitzky, NJ. Marianayagam, S. Weiss, S. Michowiz, N. Goldenberg-Cohen, Reduced inflammatory reaction has a neuroprotective effect in optic nerve crush model, Israel Society for Eye and Vision Research, Israel. 03-2016 .
32. A. Zahavi, R. Friling, N. Goldenberg-Cohen, Y. Ron, M. Ehrenberg, M. Snir, Evaluation of ocular motility deviation changes post cycloplegic eye drops versus prism adaptation test in exotropic patients., Israel Society for Eye and Vision Research, Israel. 03-2016 .
33. D. Hazon, O. Barinfeld, H. Toledano, S. Fichman-Horn, R. Ankri, A. Ashkenazy, D. Fixler, N. Goldenberg-Cohen, S Michowiz, EGFR overexpression as a prognostic factor in glioblastoma multiforme, The annual meeting of neurosurgery, Israel. 03-2016 .
34. G. Tesler, S. Weis, N. Goldenberg-Cohen, Two variants in VEGF gene affects response to treatment for AMD in the Israeli population, Israel Ophthalmology Association IOS, Israel. 05-2016 .
35. A. Sternfeld, R. Segal, N. Goldenberg-Cohen, Preferred fixation with the hyperopic eye in children with anisometropic amblyopia, Israel Ophthalmology Association, Israel. 05-2016 .
36. N. Goldenberg-Cohen, T. Azrad-Lebovitch, D. Fixler, Can we demonstrate NVE in diabetic mice?, Israel Ophthalmology Association, Israel. 05-2016 .
37. A. Ben Shabat, S, Ash, N. Goldenberg-Cohen. , None of the children with Horner had NB and none of the children with NB were diagnosed secondary to Horner Syndrome, Israel Ophthalmology Association, Israel. 05-2016 .
38. N. Goldenberg-Cohen, New horizons in treatment of optic pathway glioma, Israel Ophthalmology Association, Israel. 05-2016 .

39. S. Rossenwasser-Weiss, N. Orenstein, N. Goldenberg-Cohen, . Genetic diagnosis of Stickler syndrome caused by deep intronic mutation in COL2A1 in 10 family members, Israel Society for Eye and Vision Research, Israel. 03-2018 .
40. O. Zloto, M. Fridman, S. Weiss, N. Goldenberg-Cohen, Azithromycin as a possible neuroprotective drug following optic nerve crush induction in mice, Israel Society for Eye and Vision Research, Israel. 03-2018 .
41. T. Azrad-Lebovitz, M. Friedman, S. Weiss, N. Goldenberg-Cohen, Optic nerve crush causes increased damage to diabetic mice, Israel Society for Eye and Vision Research, Israel. 03-2019 .
42. A. Zahavi, Y Vardizer, O Girshevitz, H Kreizman-Shefer, J Bajar, DFixler, NGoldenberg-Cohen , Gadolinium retention in mouse organs following intraperitoneal administration, Israel Society for Eye and Vision Research, Israel. 03-2020 .
43. K Herscu, I Man-peles And , N Goldenberg-Cohen , Can We Prevent LHON in the Next Generation?, Israel Society for Eye and Vision Research, Israel. 03-2020 .
44. N Cohen-sina¹, O Girshevitz, Y Vardizer, D Fixler, N Goldenberg-cohen, Metallic nanoparticles in tears: rural vs. urban populations, Israel Society for Eye and Vision Research, Israel . 03-2020 .

National Poster

1. S. Weiss, D. Morzaev, M. Salmon, E. Eyal, Y. Cohen, N. Goldenberg-Cohen, Carriers of degenerative retinal diseases can be easily identified using target capture next generation sequencing , Weizman institute, young investigator research day, Israel
2. Y. Weis, N. Goldenberg-Cohen, Y. Yassur., Surgical repair of entropion and severe trichiasis of upper lid, Israel Ophthalmology Association, Israel. 03-1998 .
3. N. Goldenberg-Cohen, I. Kremer, N. Loya, Y. Yassur, Anterior stromal puncture in recurrent corneal erosion, Israel Ophthalmology Association, Israel. 07-1998 .
4. H. Lichter, D. Weinberger, N. Loya, N. Goldenberg-Cohen, L. Muzmacher, I. Kremer, Y. Yassur, Keratoconus and mitral valve prolapse, Israel Ophthalmology Association, Israel. 07-1998 .
5. N. Goldenberg-Cohen, D. Weinberger, D.D. Gaton, R. Axer-Siegal, Y. Yassur., Long-term follow-up of perfluorocarbon liquid in the anterior chamber, Israel Ophthalmology Association, Israel. 11-1998 .
6. D. Weinberger, E. Priel, N. Goldenberg-Cohen, Y. Yassur, Retinal microangiopathies overlying pigment epithelial detachments (PED), Israel Society for Eye and Vision Research, Israel. 03-1999 .
7. H. Lichter, D. Weinberger , N. Loya, D. Barash, N. Goldenberg-Cohen, Y. Yassur, UBM evaluation of posterior chamber IOL implantation in posterior capsular tear, Israel Society for Eye and Vision Research, Israel. 03-1999 .

8. M. Kramer, Y. Yassur, N. Goldenberg-Cohen, H. Shmueli, R. Axer-Siegal, D. Weinberger, A. Sagie, The yield of transesophageal echocardiography in patients with retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-1999 .
9. D. Weinberger, E. Priel, H. Lichter, N. Cohen, Y. Yassur, ICG and FA in diagnosis of AMD retinal microangiopathies, Israel Ophthalmology Association, Israel. 06-1999 .
10. M. Kramer, N. Goldenberg-Cohen, R. Axer-Siegal, D. Zadok, D. Weinberger, Y. Monselise, Cytokines in retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-2000 .
11. R. Axer-Siegal, N. Goldenberg-Cohen, I. Rosenblatt, D. Weinberger, Visual outcome following the use of intravitreal steroids in the treatment of post-operative endophthalmitis, Israel Society for Eye and Vision Research, Israel. 03-2001 .
12. M. Kramer, N. Goldenberg-Cohen, D. Weinberger, Y. Monselise, Cytokines in serum and aqueous humor in patients with uveitis, Visual Outcome Israel Society for Eye and Vision Research, Israel. 03-2002 .
13. N. Goldenberg-Cohen, M. Kramer, I. Bahar, Y. Monselise, D. Weinberger, Increased IL-8 levels in acute phase of AION, Israel Society for Eye and Vision Research, Israel. 03-2004 .
14. N. Goldenberg-Cohen, P. Subraminani, S. Shukla, L.J. Cheskin, N.R. Miller, Plasma ghrelin levels are normal in obese patients with idiopathic intracranial hypertension (pseudotumor cerebri), The Red Sea International Update Conference in Ophthalmology, Israel. 06-2004 .
15. N. Goldenberg-Cohen, Y. Cohen, E. Rosenboum, Z. Herscovici, I. Chowers, D. Wienberger, J. Pe'er, D. Sidransky., High frequency of oncogenic BRAF mutations in conjunctival melanocytic lesions and melanoma, Neve-Ilan, Israel. 03-2005 .
16. N. Goldenberg-Cohen, I.H. Maumenee, D.P. Judge, R. Green, H.C. Dietz, Ocular pathology in a mouse model of Marfan syndrome, Israel Society for Eye and Vision Research, Israel. 03-2005 .
17. G. Dotan, B.R. Avraham, M. Kramer, Y. Monselise, D. Weinberger, N. Goldenberg-Cohen, Plasma and optic nerve levels of IL-6, MIP-2 and TNF- α following induction of ischemic optic neuropathy in mice, Israel Society for Eye and Vision Research, Israel. 03-2005 .
18. M. Ehrenberg, N. Goldenberg-Cohen, A. Shuper, M. Schwartz, L. Kornreich, M. Snir, D. Weinberger, Ultrasonographic contribution to the diagnosis of acute papilledema in the presence of optic nerve swelling in children, Israel Society for Eye and Vision Research, Israel. 03-2005 .
19. N. Goldenberg-Cohen, Y. Cohen, E. Rosenboum, Z. Herscovici, I. Chowers, D. Wienberger, J. Pe'er, D. Sidransky, Identifying oncogenic BRAF mutations in conjunctival melanocytic lesions, Research Day, Israel. 04-2005 .
20. D. Celles, BR. Avraham, Y. Cohen, R. Ehrlich, B. Paritiansky, D. Weinberger, N. Goldenberg-Cohen, Mutations analysis of lens DNA extracted from age related cataract, Rabin Medical Center Research Day, Israel. 11-2005 .
21. Y. Ron, N. Goldenberg-Cohen, Long-term follow up of children with parinaud syndrome, Israel Pediatric Ophthalmology Association, Israel. 02-2006 .

22. B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Repair of optic nerve ischemic injury in the mouse by bone marrow derived stem cells, Israel Society for Eye and Vision Research, Israel . 03-2006 .
23. M. Hasanreisoglu, B.R. Avraham, S. Dadon, Y. Cohen, D. Weinberger, N. Goldenberg-Cohen, Neuroprotective effect of brimonidine in a mouse model of ischemic optic neuropathy, Israel Society for Eye and Vision Research, Israel. 03-2006 .
24. D. Celles, B.R. Avraham, Y. Cohen, R. Ehrlich, B. Paritiansky, D. Weinberger, N. Goldenberg-Cohen, Mutations analysis of lens DNA extracted from age related cataract, Israel Society for Eye and Vision Research, Israel. 03-2006 .
25. I. Bahar, M. Kramer, M. Hasanreisoglu, E. Eldar, B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Characterization of central retinal artery occlusion in a mouse model, Israel Society for Eye and Vision Research, Israel. 03-2006 .
26. M. Kramer, I. Bahar, M. Hasanreisoglu, E. Eldar, B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Serum cytokines levels in a mouse model of central retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-2006 .
27. Y. Ron, D. Weinberger, N. Goldenberg-Cohen, Intravitreal injection of bone marrow derived stem cells after laser treatment to central retina, Israel Society for Eye and Vision Research, Israel. 03-2006 .
28. I. Bahar, M. Kramer, M. Hasanreisoglu, E. Eldar, B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Effect of hyperbaric oxygen therapy on central artery occlusion in a mouse model, Research Day, Israel. 11-2006 .
29. M. Ehrenberg, I. Cohen, E. Priel, D. Weinberger, N. Goldenberg-Cohen, Use of optical coherence tomography to measure retinal nerve fiber layer thickness in children with visual field defects, Research Day, Israel. 11-2006 .
30. M. Kramer, I. Bahar, Y. Monselise M. Hasanreisoglu, I. Eldar, B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Serum cytokines levels in a mouse model of central retinal artery occlusion, Research Day, Israel. 11-2006 .
31. B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Repair of optic nerve ischemic injury in the mouse by bone marrow derived stem cells, Research Day, Israel. 11-2006 .
32. R. Manor, N. Goldenberg-Cohen, J. Luckman, Optic nerve glioma in a child-long term follow-up, The Israel Ophthalmology Association, Israel. 11-2006 .
33. E. Merhavi, B.R. Avraham, Y. Cohen, S. Frenkel, I. Chowers, J. Pe'er, N. Goldenberg-Cohen, Epigenetic silencing status of multiple genes in uveal melanoma, Israel Society for Eye and Vision Research, Israel. 03-2007 .
34. M. Snir, R. Axer-Siegel, D. Ben-Amitai, N. Goldenberg-Cohen, D. Weinberger, R. Friling, Combined steroid administration via intralesional injection and sub-tenon's infusion for the treatment of periorbital and orbital capillary hemangioma, Israel Society for Eye and Vision Research, Israel. 03-2007 .

35. M. Kramer, S. Dadon, M. Hasangrigulosu, D. Weinberger, N. Goldenberg-Cohen, Expression of pro-inflammatory cytokines in a mouse model of central retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-2007 .
36. B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Bone marrow derived stem cells differentiation in ischemic retina, Israel Society for Eye and Vision Research, Israel. 03-2007 .
37. E. Merhavi, B.R. Avraham, Y. Cohen, S. Frenkel, J. Pe'er, N. Goldenberg-Cohen, Hypermethylation of CPG island loci of multiple tumor suppressor genes in retinoblastoma, Israel Society for Eye and Vision Research, Israel. 03-2007 .
38. S. Dadon, M. Kramer I. Bahar, B.R. Avraham, M. Hasangrilu, I. Eldar, D. Weinberger. N. Goldenberg-Cohen, Molecular changes in the mouse retina following induction of central retinal artery occlusion, Israel Society for Eye and Vision Research, Israel. 03-2007 .
39. I. Chowers, M. Lederman, O. Weinstein, S. Abu Asleh Saleh, N. Goldenberg-Cohen, A. Lahad, A. Pollack, I. Avisar, R. Axer-Siegel, D. Hauser, E. Banin, Assessment of correlation among single nucleotide polymorphisms in chromosome 10q26, Htra1 gene expression levels, and clinical characteristics of neovascular age-related macular degeneration, Israel Society for Eye and Vision Research, Israel. 03-2007 .
40. O. Dratviman, M. Hasanrisoglu, S. Dadon, BR. Avraham, D. Weinberger, N. Goldenberg-Cohen, Axonal damage and demyelination in the optic nerve following crush injury of transgenic mice, Israel Society for Eye and Vision Research, Israel. 03-2007 .
41. B.R. Avraham, D. Weinberger, N. Askenasy, R.S. Goldstein, N. Goldenberg-Cohen, Systemically injected bone marrow-derived stem cells engraft and differentiate in the injured retina, International Stem Cell Conference, Israel. 06-2007 .
42. I. Mahrshak, N. Goldenberg-Cohen, M. Snir, R. Frilling, Bilateral visual loss in a 12-year-old boy, Pediatric Ophthalmology Association, Israel. 09-2007 .
43. M. Ehrenberg, N. Goldenberg-Cohen, D. Weinberger, Peripapillary RNFL thickness in children with severe visual field defects, Pediatric Ophthalmology Association, Israel. 09-2007 .
44. S. Dadon, O. Dratviman , D. Weinberger, E. Hochhauser, N. Goldenberg-Cohen, Bax ablation protects against retinal ischemia/reperfusion injury in transgenic mice, Rabin Research Day, Israel. 12-2007 .
45. O. Dratviman, I. Avisar, I. Kremer, D. Weinberger, N. Goldenberg-Cohen, Ranibizumab Vs bevacizumab treatment of corneal neovascularization in mice, Israel Society for Eye and Vision Research, Israel. 03-2008 .
46. I. Avisar, O. Dratviman, I. Kramer, D. Weinberger, N. Goldenberg-Cohen, Therapeutic effect of subconjunctival and intraocular bevacizumab (avastin) injections in a mouse model of corneal neovascularization, Israel Society for Eye and Vision Research, Israel. 03-2008 .
47. N. Goldenberg-Cohen, O. Dratviman., M. Hasanreisoglu, D. Weinberger, Characterizing progression of optic nerve damage in transgenic mice, Israel Society for Eye and Vision Research, Israel. 03-2008 .

48. M. Kramer, S. Dadon, M. Hasanreisoglu, Y. Monselise, B.R. Avraham, I. Eldar, D. Weinberger, N. Goldenberg-Cohen, Proinflammatory cytokines in a mouse model of central retinal artery occlusion, I-18. Tel Aviv, Israel, Research Day, Israel. 04-2008 .
49. N. Assia, N. Goldenberg-Cohen, G. Rechavi, Y. Cohen, Mutation analysis of the l-ferritin gene in agerelated cataract, I-8. Tel Aviv Research Day, Israel. 04-2008 .
50. B.R. Avraham, D. Weinberger, N. Goldenberg-Cohen, Differentiation of bone marrow derived stem cells in ischemic retina following injections of growth factors, I-6. Tel Aviv Research Day, Israel. 04-2008 .
51. N. Goldenberg-Cohen, O. Dratviman, M. Hasanreisoglu, D. Weinberger, Characterizing progression of optic nerve damage in transgenic mice, -5. Tel Aviv Research Day, Israel. 04-2008 .
52. B.R. Avraham, D. Weinberger, N. Askenasy, N. Goldenberg-Cohen, GM-CSF mobilization induces the development of microglia from bone marrow progenitors in the ischemic retina., The 2nd International Stem Cell Meeting, Israel. 06-2008 .
53. N. Goldenberg-Cohen, H. Toledano, I.J. Cohen, S. Michowiz, M. Snir, Irreversible visual loss in children with acquired optic neuropathy, Schneider Research Day, Israel. 02-2009 .
54. D. Ezrachi, V. Gaydar, S. Hofstetter, B.R. Avraham-Lubin, O. Dratviman-Storobinsky, N. Goldenberg-Cohen, Reducing apoptosis in the ischemic retina using hyperbaric oxygen treatment in two different mouse models, Israel Society for Eye and Vision Research, Israel. 03-2009 .
55. M. Ehrenberg, O. Dratviman, B.R. Avraham-Lubin, N. Goldenberg-Cohen, Polymorphism in the WRN gene in patients with senile cataract, Israel Society for Eye and Vision Research, Israel. 03-2009 .
56. O. Dratviman, S. Dadon- Bar El, B.R. Avraham-Lubin, E. Hochhauser, N. Goldenberg-Cohen, Bax ablation protects against retinal ischemia/reperfusion injury in transgenic mice, Israel Society for Eye and Vision Research, Israel. 03-2009 .
57. T. Sadikov, Y. Cohen, B.R. Avraham-Lubin, A. Simon, N. Goldenberg-Cohen, Lamin A is not associated with age-related nuclear cataract, Israel Society for Eye and Vision Research, Israel. 03-2009 .
58. B.R. Avraham-Lubin, D. Weinberger, N. Askenasy, N. Goldenberg-Cohen, Intravitreal injection of ciliary neurotrophic factor to enhance in situ differentiation of stem-cell-factor mobilized bone-marrow-derived stem cells, Israel Society for Eye and Vision Research, Israel. 03-2009 .
59. N. Goldenberg-Cohen, B.R. Avraham, Lubin, D. Weinberger, N. Askenas, Mobilization of endogenous bone marrow progenitors with GM-CSF and SCF contributes differentially to retinal remodeling after ischemic injury. , Biomed09- The 3rd International Stem Cell Meeting, Israel. 06-2009 .
60. B.R. Avraham-Lubin, N. Askenasy, N. Goldenberg-Cohen, Enhanced neuronal differentiation of adult bone marrow derived stem cells in ischemic murine retina, The 2nd Young Investigators Stem Cell meeting, Israel. 03-2010 .

61. B.R. Avraham-Lubin, N. Askenasy, N. Goldenberg-Cohen, Growth factors enhance the differentiation of adult bone marrow derived stem cells in ischemic murine retina, Israel Society for Eye and Vision Research, Israel. 03-2010 .
62. V. Gaydar, O. Dratviman-Storobinsky, T. Goldstein, A. Raiter, B. Hardy, N. Goldenberg-Cohen, The possible neuroprotective effect of RoY peptide ligation to membranal GRP78 in the ischemic retina, Israel Society for Eye and Vision Research, Israel. 03-2010 .
63. O. Dratviman-Storobinsky, Y. Cohen, N. Binkovsky, S. Frenkel, J. Pe'er, N. Goldenberg-Cohen, The role of RASSF1A in uveal melanoma, Israel Society For Eye And Vision Research, Israel. 03-2010 .
64. T. Sadikov, B.R. Avraham-Lubin, N. Askenasy, N. Goldenberg-Cohen, Intravitreal injection of adult bone marrow derived stem cells to developing retina of newborn mice, Israel Society For Eye and Vision Research, Israel. 03-2010 .
65. E. Reich, M. Gabbay, O. Dratviman-Storobinsky, D. Weinberger, N. Goldenberg-Cohen, U. Gabbay, The haptoglobin genotype does not affect early onset of type 2 diabetic retinopathy, Israel Society for Eye and Vision Research, Israel. 03-2010 .
66. T. Sadikov, B.R. Avraham-Lubin, N. Askenasy, N. Goldenberg-Cohen, Adult bone marrow-derived stem cells incorporate in the developing retina, 7th Annual Conference of the Israel Society of Gene and Cell Therapy (ISGCT), Israel. 05-2010 .
67. T. Sadikov, B.R. Avraham-Lubin, N. Askenasy, N. Goldenberg-Cohen, Characterization of the gene expression profile of subpopulations of bone marrow cells, 3rd Young investigator, Israel. 12-2010 .
68. B.R. Avraham-Lubin, T. Sadikov, N. Binkovsky, N. Askenasy, N. Goldenberg-Cohen., Incorporation of BMSC into the optic nerve in two mouse models of optic neuropathy, Israel Society for Eye and Vision Research, Israel. 03-2011 .
69. Y. Laviv, O. Dratviman-Storobinsky, S. Michowiz, H. Toledano, N. Binkovsky, N. Goldenberg-Cohen, Mutations analysis and copy number variation in BRAF oncogene in pediatric low-grade gliomas, Israel Society for Eye and Vision Research, Israel. 03-2011 .
70. O. Dratviman-Storobinsky, Y. Cohen, S. Frenkel, J. Pe'er, N. Goldenberg-Cohen, Lack of oncogenic GNAQ mutations in melanocytic lesions of the conjunctiva as compared to uveal melanoma, Israel Society for Eye and Vision Research, Israel. 03-2011 .
71. N. Goldenberg-Cohen, H. Toledano, M. Ehrenberg, M. Snir, L. Kornreich, S. Michowiz, Perioperative visual loss is the main cause of irreversible poor vision in children with a brain tumor , Pediatric Neuroophthalmology day, Israel. 07-2011 .
72. O. Bialer, N. Goldenberg-Cohen, Dilated pupils after biological treatment for neuroblastoma. Two cases, Pediatric Neuroophthalmology day, Israel. 07-2011 .
73. Y. Nachum, N. Goldenberg-Cohen, Six weeks old with anisocoria, Pediatric Neuroophthalmology Day, Israel. 07-2011 .

74. O. Bialer, S. Michowiz, M. Snir, L. Kornreich, N. Goldenberg-Cohen, Ocular coherence tomography (OCT) as a follow-up tool in children with craniopharyngioma, The Israel Ophthalmology Association- The neuroophthalmology Meeting, Israel. 11-2011 .
75. S. Weiss, E. Eyal, M. Salmon-Divon, N. Goldenberg-Cohen, Y. Cohen, Revealing degenerative retinal disease carriers using next generation sequencing, Israel Society for Eye and Vision Research, Israel. 03-2012 .
76. D. Morzaev, S. Weiss, BR. Avraham-Lubin, E. Hochhauser, N. Goldenberg-Cohen., TLR4 knock-out mice are resistant to optic nerve crush damage, Israel Society for Eye and Vision Research, Israel. 03-2012 .
77. C. Nasser, BR. Avraham-Lubin, M. Vieyra, D. Morzaev, S. Weiss, D. Zadok, N. Goldenberg-Cohen, The effect of intraocular or systemic injection of Revatio (Sildenafil) on mouse ocular blood vessels and neurons, Israel Society for Eye and Vision Research, Israel. 03-2012 .
78. M. Atamney, O. Dratviman-Storobinsky, R. Axer-Siegel, M. Gabbay, U. Gabbay, Y. Cohen, N. Goldenberg-Cohen, Genetic variations in diabetic patients with proliferated and non-proliferated retinopathy, Israel Society for Eye and Vision Research, Israel. 03-2012 .
79. B.R. Avraham-Lubin, T. Sadikov, N. Askenasy, N. Goldenberg-Cohen, VEGF induces neural and astrocytic differentiation and angiogenesis in bone marrow-derived stem cells and promotes microglia conversion following mobilization with GM-CSF, Israel Society for Eye and Vision Research, Israel. 03-2012 .
80. S. Weiss, E. Eyal, M. Salmon-Divon, N. Goldenberg-Cohen, Y. Cohen, Revealing degenerative retinal disease carriers using next generation sequencing, Research Fair, Tel Aviv University, Israel. 04-2012 .
81. S. Weiss, E. Eyal, M. Salmon-Divon, N. Goldenberg-Cohen, Y. Cohen, Revealing degenerative retinal disease carriers using next generation sequencing, Schneider Childrens' Medical Center Research Day, Israel. 04-2012 .
82. D. Morzaev, S. Weiss, BR. Avraham-Lubin, E. Hochhauser, N. Goldenberg-Cohen., TLR4 knock-out mice are resistant to optic nerve crush damage, Tel Aviv Research Fair, Israel. 04-2012 .
83. C. Nasser, BR. Avraham-Lubin, M. Vieyra, D. Morzaev, S. Weiss, D. Zadok, N. Goldenberg-Cohen, The effect of intraocular or systemic injection of Revatio (Sildenafil) on mouse ocular blood vessels and neurons, Research Fair, Tel Aviv University, Israel. 04-2012 .
84. N. Goldenberg-Cohen, J. Luckman, M. Snir, S. Michowiz, Hyperbaric oxygen treatment for a 3-year-old child with bilateral occipital stroke, Schneider Children's Medical Center Research Day, Israel. 04-2012 .
85. D. Pushkov , N. Goldenberg-Cohen, D. Morzeav, S. Weiss, S. Michowiz, Middle cerebral artery occlusion model in mice., Tel Aviv Research Fair, Israel. 04-2012 .
86. O. Bialer, M. Snir, H. Toledano, S. Michowiz, N. Goldenberg-Cohen, Nerve fiber loss in children with craniopharyngioma is in correlation with visual fields defects. , Tel Aviv Research Fair, Israel. 04-2012 .

87. O. Bialer, M. Snir, H. Toledano, S. Michowiz, N. Goldenberg-Cohen, Nerve fiber loss in children with craniopharyngioma is in correlation with visual fields defects. , Schneider Childrens' Medical Center Research Day, Israel. 04-2012 .
88. S. Weiss, E. Eyal, M. Salmon-Divon, N. Goldenberg-Cohen, Y. Cohen, Revealing degenerative retinal disease carriers using next generation sequencing, Israel Ophthalmology Association- The Pediatric Meeting, Israel. 07-2012 .
89. S. Weiss, D. Morzaev, O. Dratviman- Storobinsky, M. Vieyra, N. Goldenberg-Cohen, Intraocular injection of Brimonidine did not show any protective or toxic effect on mouse injured retina, Israel Society for Eye and Vision Research, Israel. 03-2013 .
90. M. Vieyra, D. Morzaev, S. Weiss, D. Zadok, N. Goldenberg-Cohen, The effect of intraocular or systemic injection of Revatio (Sildenafil) on mouse ocular blood vessels and neurons, Israel Society for Eye and Vision Research, Israel. 03-2013 .
91. M. Snir, A. Dotan, R. Friling, Y. Ron-Kella, N. Goldenberg-Cohen, H. Stiebel-Kalish, Contralateral lateral rectus muscle recession in patients with duane retraction syndrome type 3, Israel Society for Eye and Vision Research, Israel. 03-2013 .
92. M. Kramer, S. Weiss, M. Shaap-Fogler, Y. Molad, N. Goldenberg-Cohen, Yoram Cohen, Single nucleotide polymorphism signature in Behcet's uveitis, Israel Society for Eye and Vision Research, Israel. 03-2013 .
93. D. Morzaev, S. Weiss, M. Vieyra, E. Hochhauser, N. Goldenberg-Cohen, The protective effect of TLR4 KO knock out mice against corneal chemical burn, Israel Society for Eye and Vision Research, Israel. 03-2013 .
94. N. Goldenberg-Cohen, E. Banin, B. Cohen, Y.I Zalzstein, L. Rizel, L. Basel-Vanagaite, T. Ben-Yosef, Exome sequencing identifies mutations of both MYO7A and PDE6B in three siblings with retinitis pigmentosa., Israel Society for Eye and Vision Research, Israel. 03-2013 .
95. D. Rappoport, H. Leiba, J. Luckman, S. Michowiz, N. Goldenberg-Cohen, Ophthalmological Symptoms, Signs and Outcome in Arterial and Venous Stroke in Children, The Israel Ophthalmology Association- The Neuro-Ophthalmology Meeting, Israel. 07-2013 .
96. J D. Nicholson O Muhsinoglu, N. Goldenberg-Cohen, Combination of staining techniques to differentiate venous endothelial cells in mouse optic nerve, Israel Society for Eye and Vision Research, Israel. 03-2014 .
97. M. Ben Hamou, JD. Nicholson, O. Barinfeld, O. Muhsinoglu, N. Goldenberg-Cohen, Demonstration of retinal vasculature in diabetic mice, Israel Society for Eye and Vision Research, Israel. 03-2014 .
98. O. Barinfeld JD. Nicholson, H. Toledano, S. Michowiz, M. Salmon-Divon, N. Goldenberg-Cohen, Mutation analysis of MYB, MYBL1 and FGFR1 in grade I and diffuse pediatric glioma., Israel Society for Eye and Vision Research, Israel. 03-2014 .

99. J D. Nicholson, D. Pushkov, S. Michowiz, S. Weiss, D. Morzaev, N. Goldenberg-Cohen, Hyperbaric oxygen treatment reduced stroke damage and improved vision in a child and perfusion after middle cerebral artery occlusion in mice, Israel Society for Eye and Vision Research, Israel. 03-2014 .
100. J D. Nicholson, D. Pushkov, S. Michowiz, S. Weiss, D. Morzaev, N. Goldenberg-Cohen, Hyperbaric oxygen treatment reduced stroke damage and improved vision in a child and perfusion after middle cerebral artery occlusion in mice, The annual meeting of neurosurgery, Israel. 03-2014 .
101. S Rossnewasser-Weiss, M. Azab, S. Gershanov ,M. Salmon-Divon, Y. Cohen, N. Goldenberg-Cohen, BRCA1/2 mutations may play a role in developing neovascular AMD in Ashkenazi Jews, Israel Society for Eye and Vision Research, Israel. 03-2014 .
102. S Rossnewasser-Weiss, M. Azab, S. Gershanov ,M. Salmon-Divon, Y. Cohen, N. Goldenberg-Cohen, BRCA1/2 mutations may play a role in developing neovascular AMD in Ashkenazi Jews, Tel Aviv University Research Fair, Israel. 04-2014 .
103. H. Leiba, H. Toledano, J. Luckman, D. Rappoport, S. Michowiz, N. Goldenberg-Cohen, Management dilemmas for optic nerve glioma with proptosis and visual loss in children , Israel Ophthalmology Association, Israel. 05-2014 .
104. S. Gershanov, M. Salmon-Divon, H. Toledano, S. Michowiz, N. Goldenberg-Cohen, Genetic Characterization of Brain Tumors May Help to Improve Detection of Minimal-Residual Disease in Children, Research Day, Technion, Israel. 09-2014 .
105. S. Gershanov, M. Salmon-Divon, H. Toledano, S. Michowiz, N. Goldenberg-Cohen, Genetic Characterization of Brain Tumors May Help to Improve Detection of Minimal-Residual Disease in Children, The First Assuta-Maccabi Scientific Meeting, Israel. 12-2014 .
106. S Gershanov, S. Michowiz, H. Toledano, D, Fixler, G. Yahav, O. Barinfeld, M. Salmon-Divon, N, Goldenberg-Cohen, Novel methods for the detection of occult metastatic disease in the CSF of children with medulloblastoma , Israel Society for Eye and Vision Research, Israel. 03-2015 .
107. O. Barinfeld, D. Hazon, S Michowiz, H. Toledano, S. Fichman-Horn, R. Ankri, A. Ashkenazy, D. Fixler, N. Goldenberg-Cohen, EGFR overexpression as a prognostic factor in glioblastoma multiforme, Israel Society for Eye and Vision Research, Israel. 03-2015 .
108. S. Weiss, M. Salmon-Divon, L. Basel, R Strausberg, N Goldenberg-Cohen, A single nucleotide polymorphism in ATXN7 gene can cause non-syndromic cone rod dystrophy, Israel Society for Eye and Vision Research, Israel. 03-2015 .
109. M. Fridman, M. Brookman, N Goldenberg-Cohen, Lack of TNF-alpha receptors in mouse model of optic nerve crush might have a neuroprotective role. , Israel Society for Eye and Vision Research, Israel. 03-2015 .
110. M. Ben Hamou, M. Brookman O, Muhsinoglu, O. Barinfeld, T. Azrad-Leibovich, N. Goldenberg-Cohen, Histological evaluation of anti VEGF injection on diabetic retinopathy of non-obese diabetic (NOD) mice , mice Israel Society for Eye and Vision Research, Israel. 03-2015 .

111. S. Gershanov, S. Michowiz, H. Toledano, O. Barinfeld, N. Goldenberg-Cohen, M. Salmon-Divon, MicroRNA expression as potential biomarkers for medulloblastoma subgroup Characterization , 7th Annual Meeting of the Israeli Society for Cancer Research (ISCR), Israel. 06-2015 .
112. S. Gershanov, S. Michowiz, H. Toledano, D. Fixler, G. Yahav, O. Barinfeld, M. Salmon-Divon, N. Goldenberg-Cohen, Novel methods for the detection of occult metastatic disease in the CSF of children with medulloblastoma, 7th Annual Meeting of the Israeli Society for Cancer Research (ISCR), Israel. 06-2015 .
113. S. Gershanov, S. Michowiz, H. Toledano, O. Barinfeld, N. Goldenberg-Cohen, M. Salmon-Divon, Subgrouping of pediatric medulloblastoma using an integrated analysis of MicroRNA-mRNA expression profile, The 8th ISCR Meeting on Breakthroughs in Cancer Research, Israel. 05-2016 .
114. S. Gershanov, H. Toledano, S. Michowiz, G. Yahav, O. Barinfeld, A. Hirshberg, M. Salmon-Divon, D. Fixler, N. Goldenberg-Cohen, . A novel detection method of metastatic cells in the cerebrospinal fluid of pediatric population with medulloblastoma using fluorescence lifetime imaging microscopy, . Israel Cancer Association day, Israel. 09-2016 .
115. S. Gershanov, S. Michowiz, O. Barinfeld, M. Salmon-Divon, N. Goldenberg-Cohen, H. Toledano, . MicroRNA expression is highly subgroup specific in medulloblastoma as validated by RNA seq and nanostring next generation sequencing technologies in clinical diagnostics, Federation of the Israel Societies for experimental biology (FISEB), Israel. 02-2017 .
116. A. Sternfeld, Y. Barkana, R. Ofri, N. Goldenberg-Cohen, Intra ocular injection of plastic microsphere induces glaucoma in mice, . Israel Society for Eye and Vision Research, Israel. 03-2017 .
117. A. Sternfeld, G. Ben-Yehuda, I. Yassur, G. Tauber, Y. Vardizer, D. Adel, N. Goldenberg-Cohen, Use of Sonic Hedgehog pathway gene expression to predict response to Vismodegib in advanced BCC of eyelid, Israel Society for Eye and Vision Research, Israel. 03-2017 .
118. J. Abudbai, S. Rossenwasser-Weiss, O. Tomkins, A. Shalata, N. Goldenberg-Cohen., Detection of genes associated with proliferative diabetic retinopathy using nanostring technique, Israel Society for Eye and Vision Research, Israel. 03-2018 .
119. S. Gershanov, T. Nehushtan, H. Toledano, A. Pinhasov, N. Goldenberg-Cohen, M. Salmon-Divon, Classification of Medulloblastoma Subgroups Based on Gene Expression Data., Israel Society for Eye and Vision Research, Israel. 03-2018 .
120. M. Friedman, S. Weiss, N. Goldenberg-Cohen, Blocking TNF- α receptors or intravitreal injection of TNF- α can lead to retinal ganglion cells preservation, . Israel Society for Eye and Vision Research, Israel. 03-2018 .
121. K Herscu I Man Peles, N Cohen Goldenberg, Vertical diplopia in young man led to an unexpected diagnosis, The 6th annual congress of the Israeli Ophthalmology Society, Israel. 06-2018 .

122. E Arnon, A Shternfeld, I Yassur , T Tadmor, O Tomkins, N Goldenberg-Cohen, Y Vardizer., Orbital lymphoma- comparison between Rituximab treatment to Radiotherapy. Unexpected diagnosis, The 6th annual congress of the Israeli Ophthalmology Society, Israel. 06-2018 .
123. Y Sheinfeld, Y Vardizer, I Man Peles, N Borissovsky, T Tadmor, N Goldenberg-Cohen, Ophthalmic Manifestations In Patients With Multiple Myeloma. unexpected diagnosis, The 6th annual congress of the Israeli Ophthalmology Society, Israel. 06-2018 .
124. E Arnon Katz, G Tessler, M Naftli, N Goldenberg-Cohen, ZEPTO for Capsulorhexis in Cataract Surgery, The 6th annual congress of the Israeli Ophthalmology Society, Israel. 06-2018 .
125. S. Gershanov, H Toledano, S Michowiz, O Barinfeld, A Pinhasov, N Goldenberg-Cohen, M Salmon-Divon., MICRORNA–mRNA expression profiles can distinguish medulloblastoma subgroup 3 from 4, The 46th Annual Meeting of the International Society for Pediatric Neurosurgery (ISPN), Israel. 10-2018 .
126. S. Gershanov, S Michowiz, H Toledano, G Yahav, O Barinfeld, A Hirshberg, H Ben-Zvi, G Mircus, M Salmon-Divon, D Fixler & N Goldenberg-Cohen, . FLIM- a novel detection method of metastatic cells in the cerebrospinal fluid of pediatric population with medulloblastoma , The 46th Annual Meeting of the International Society for Pediatric Neurosurgery (ISPN), Israel. 10-2018 .
127. A. Zahavi, S Weiss , M Fridman , T Sela , Y Barkana , R Ofri , N Goldenberg-Cohen, Evaluation of the neuroprotective effect of Azithromycin in a mouse glaucoma model, Israel Society for Eye and Vision Research, Israel. 03-2019 .
128. I Man Peles, N Goldenberg-Cohen, Acute Vision Loss Associated With Hypereosinophilic Syndrome. Case Report and Discussion, The 7th annual congress of the Israeli Ophthalmology Society, Israel. 06-2019 .
129. Y sheinfeld, Y Vardizer, M naftaly, M Fainer, N Goldenberg Cohen, Hide and Seek, The 7th annual congress of the Israeli Ophthalmology Society, Israel. 06-2019 .

16.3 Participation in organizing conferences

1. The Israel Ophthalmology Association, The Neuro-ophthalmology Meeting, Israel, 05-2009, organizer .
2. Cutting Ages in Neuro Ophthalmology, Israel, 05-2009, Prof. Neil Miller .
3. Israel Neuroactive course in neuroophthalmology, Israel, 05-2014, Prof, J, Trobe (Organizer, Moderator) .
4. Cutting edges in Neuroophthalmology, Israel, 05-2015, (organizer) with Dr. Leonard Levin, Lola .
5. Israel Society for Eye and Vision Research, Israel, 05-2015, presentation, moderator, organizer, Scientific board .
6. Israel Eye Ophthalmology Society, Israel, 05-2015, Organizer Head of the Neuro-Ophthalmology society, presentation .

7. The international symposium on ocular pharmacology and therapeutics, Germany, 05-2015, Presentation, co- moderator .
8. 3rd World Congress of Paediatric Ophthalmology and Strabismus, Spain, 05-2015, poster, moderator .
9. Israel Society for Eye and Vision Research, Israel, 03-2016, presentation, moderator, Scientific Board, Organizer .
10. Cutting edges in Neuroophthalmology with two invited speakers: Dr. Shalom Kelman and Dr. Barry Skarf, Lola, Israel, 05-2016, Organizer .
11. Israel Eye Ophthalmology Society, Israel, 05-2016, Organizer, Head of Neuro Ophthalmology Society, presentation .
12. Updates for Ophthalmologist in the community – 4 annual meetings, Israel, 07-2016, Organizer .
13. Updates for Ophthalmologist in the community – 4 annual meetings, Israel, 02-2018, Organizer .
14. Updates for Ophthalmologist in the community – 4 annual meetings, Israel, 05-2018, Organizer .
15. Pediatric day for residents – Last Minute Optics, Israel, 10-2018, Organizer .
16. Skew- whats new? – Shalom Kelman, Israel, 01-2019, Organizer .
17. International Interactive Uveitis Course, Israel, 02-2019, Organized in collaboration with Dr. O. Tomkins .
18. Updates for Ophthalmologist in the community – 4 annual meetings, Israel, 07-2019, Organizer .

17. SIGNIFICANT PROJECTS

2003 - 2016	Head of pediatric neuroophthalmology outpatient clinic, pediatric neuroophthalmology, Schneider Children Medical Center, Prof Dov Weinberger
2003 - present	head of the Krieger Eye Research Laboratory, Basic Science in Ophthalmology, FMRC Building Rabin Campus, Nitza Goldenberg-Cohen
2015 - present	PI of site in multicenter genetic consortium, Mapping inherited eye diseases in israel, 11 centers of consortium, Prof. Ido Perelman
2016 - current	Head of ophthalmology departement, Head of ophthalmology departement , Bnei Zion Medical Center, Nitza Goldenberg-Cohen