## CURRICULUM VITAE

**DATE:** June 10, 2019

**NAME:** Neelakshi Bhagat, MD, MPH, FACS

**PRESENT TITLE:** Professor of Ophthalmology

Director, Vitreo-Retinal and Macular Surgery

Institute of Ophthalmology and Visual Science

**OFFICE ADDRESS:** Institute of Ophthalmology and Visual Science

Doctors Office Center, Suite 6100

Rutgers, New Jersey Medical School

90 Bergen Street

Newark, NJ   07103

**TELEPHONE:** (973) 972-2032

**E-MAIL ADDRESS:** bhagatne@rutgers.edu

**CITIZENSHIP:** United States of America

**EDUCATION:**

1. Undergraduate

City University of New York

Queens, New York

Bachelor of Arts (Chemistry and Mathematics) 1986 - 1990

1. Graduate and Professional

Stony Brook Medical School

State University of New York

Stony Brook, New York

Doctor of Medicine 1990 - 1994

School of Public Health

University of Medicine and Dentistry of New Jersey

New Jersey Medical School

Newark, New Jersey

Master’s Degree in Public Health, MPH 2001 - 2004

**POSTDOCTORAL TRAINING:**

1. Internship and Residencies

Department of Internal Medicine

University Medical Center

State University of New York

Stony Brook, New York

Internship 1994 - 1995

Department of Ophthalmology

University of Medicine and Dentistry of New Jersey

New Jersey Medical School

Newark, New Jersey

Residency 1995 - 1998

1. Fellowship

Doheny Eye Institute

University of Southern California

Los Angeles, California

Medical Retina and Vitreo-Retinal Surgery 1998 - 2000

**MILITARY:** None

**ACADEMIC APPOINTMENTS:**

Institute of Ophthalmology and Visual Science

Rutgers, New Jersey Medical School

Newark, New Jersey

Professor 2013-Present

Department of Ophthalmology

University of Medicine and Dentistry of New Jersey

New Jersey Medical School

Newark, New Jersey

Associate Professor 2009 - 2013

Department of Ophthalmology

University of Medicine and Dentistry of New Jersey

New Jersey Medical School

Newark, New Jersey

Assistant Professor 2001 - 2009

Department of Ophthalmology

State University of New York

Buffalo, New York

Clinical Assistant Professor 2000 - 2001

Department of Ophthalmology

University of Southern California

Los Angeles, California

Clinical Instructor 1998 - 2000

Doheny Eye Institute

Los Angeles, California

Clinical Instructor 1998 - 2000

**HOSPITAL APPOINTMENTS:**

Department of Ophthalmology

University Hospital (formerly UMDNJ-The University Hospital)

150 Bergen Street

Newark, New Jersey

Attending Physician 2001 - Present

Retina & Macula Surgery

Institute of Ophthalmology and Visual Science

Doctors Office Center, Suite 6100

Rutgers, New Jersey Medical School (Formerly UMDNJ-NJMS)

90 Bergen Street

Newark, NJ   07103

Director 2001-Present

Department of Ophthalmology

Veterans Affairs Medical Center

385 Tremont Avenue

East Orange, New Jersey 07018

Attending Physician 2001 - Present

Department of Ophthalmology

Columbus Hospital

395 N. 13th Street

Newark, New Jersey

Attending Physician 2001 - 2005

Department of Ophthalmology

Jersey City Medical Center

355 Grand Street

Jersey City, New Jersey

Attending Physician 2001 - 2005

Department of Ophthalmology

Veteran’s Administration Medical Center

East Orange, New Jersey

Acting Chief of Ophthalmology February 2004 – July 2004

Department of Ophthalmology

Millard Fillmore Hospital

Buffalo, New York

Attending Physician 2000 - 2001

Department of Ophthalmology

Our Lady of Victory (OLV) Hospital

Lackawanna, New York

Attending Physician 2000 - 2001

Department of Ophthalmology

San Gabriel Valley Medical Center

San Gabriel, California

Attending Physician 1998 - 2000

Department of Ophthalmology

Los Angeles County Medical Center

Los Angeles, California

Clinical Instructor 1998 - 2000

**OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:**

New Jersey Eye Residency Alumni Association

University of Medicine and Dentistry of New Jersey

New Jersey Medical School

The Institute of Ophthalmology and Visual Science

Newark, New Jersey

President 2004 - 2006

**PRIVATE PRACTICE:**

Doctors Office Center

90 Bergen Street; Suite 6100

Newark, New Jersey 07103 2001 - Present

556 Eagle Rock Avenue; Suite 206

Roseland, New Jersey 07068 2001 - 2007

Buffalo Retina-Vitreous

Williamsville, New York 2000 - 2001

**LICENSURE:**

New Jersey Medical License MA072505 Expires: 6/30/2019

New York License 217742-1 Inactive

California License A065238 Inactive

**DRUG LICENSURE:**

NEW JERSEY CDS D079992 Expires: 10/31/2018

DEA BB5969817 Expires: 07/31/2019

**CERTIFICATION:**

Diplomate of American Board of Ophthalmology Issued 1/1/2010 Expires: 12/31/2019

Diplomate of National Board of Medical Examiners 4-012-697-1 Issued 1995

**MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN**

**PROFESSIONAL SOCIETIES:**

New Jersey Academy of Ophthalmology, Member 2010 - Present

Macula Society, Member 2007 - Present

Retina Society, Member 2005 - Present

Association of Women Surgeons, Member 2005 - Present

American College of Surgeons, Active Fellow 2005 - Present

Women in Ophthalmology , Member 2004 - Present

Indian Physician Association of New Jersey, Member 2004 - Present

Association of American Physicians of Indian Origin, Member 2004 - Present

New Jersey Retina Society , Member 2003 - Present

American Society of Retina Specialists, Member 2000 - Present

Doheny-USC Professional Association, Member 1998 - Present

Association for Research in Vision and Ophthalmology, Member 1998 - Present

American Academy of Ophthalmology, Member 1996 - Present

American Medical Association, Member 1992 - Present

**HONORS AND AWARDS:**

Inclusion in Alpha Omega Alpha Medical Honor Society 2018

Inclusion in “Best Doctors in America” 2003 – 2018

Inclusion in Castle Connolly’s guide “Top Doctors: New York Metro Area” 2008 - 2019

Inclusion in Castle Connolly’s

“Top Doctors: Exceptional Women in Medicine” 2018

Inclusion in Castle Connolly’s “Top Doctors: Inside Jersey” 2010 - 2018

Full - time Faculty Teaching Award by Ophthalmology Residents

The Institute of Ophthalmology and Visual Science, NJMS 2004, 2014

Inclusion in Castle Connolly’s guide “Top Doctors: Regional Top Doctor” 2012 - 2014

Golden Apple Award Nomination, New Jersey Medical School 2003, 2011, 2015, 2016

Inclusion in “Marquis’ Who’s Who” in Medicine and Healthcare 2011 - 2013

Inclusion in “New Jersey - Most Recommended Physicians”

National Consumers Survey 2011

Inclusion in “Guide to America’s Top Ophthalmologists”

Consumers’ Research Council of America 2004 - 2005

Travel grant, Association for Research in Vision and Ophthalmology,

Fort Lauderdale, Florida 2000

The Irving - Schulman Memorial Award - New Jersey Eye Institute

University of Medicine and Dentistry of New Jersey, Newark, New Jersey 1998

Summa cum laude graduate - City University of New York, Queens, New York 1990

The American Institute of Chemistry Award - City University of New York,

Queens, New York 1990

Sunny Budow Memorial Scholarship Award - City University of New York,

Queens, New York 1990

Maxwell L. Eidenoff Scholarship Award - City University of New York,

Queens, New York 1990

Dr. Jeffrey Hollander Memorial Award - City University of New York,

Queens, New York 1990

Dean’s List, all semesters - City University of New York, Queens, New York 1986 - 1990

Golden Key Honor Society Scholarship Award for Juniors City University of

New York, Queens, New York 1989

Letter of Distinction for superior MCAT scores - Pre-Medicine Advisory Committee

City University of New York, Queens, New York 1989

**MEMBERSHIP ON BOARD OF DIRECTORS/TRUSTEES:**

None

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

None

**SERVICE ON MAJOR COMMITTEES:**

1. International None
2. National

Member, Protocol Development Committee, DRCR Network 2012 - 2016

Member, Diabetic Screening Committee

Los Angeles, California 1998 - 2000

1. Medical School

Member, Faculty Committee on Appointments and Promotions (FCAP) 2013 – Present

Member, Peer Advisor Committee

City University of New York, Queens, New York 1988 - 1990

Member, Queens College Election Committee

City University of New York, Queens, New York 1987 - 1990

1. Hospital None
2. Department

Member, Faculty Executive Committee, Institute of Ophthalmology

and Visual Science 2001 - Present

Member, Medical Education Committee, Institute of Ophthalmology

and Visual Science 2001 - Present

Member, Residency Selection Committee, Institute of Ophthalmology

and Visual Science 2001 - Present

Member, Telemedicine Committee, Doheny Eye Institute 1998 - 2000

1. Editorial Boards

Section Editor, *Survey of Ophthalmology*, ‘Diagnostic & Surgical Techniques’ 2011 – Present

Section Co-Editor, Retina, *Eye-Wiki* 2018-2019

1. *Ad Hoc* Reviewer

Journal of Pediatric Ophthalmology and Strabismus 2006 - Present

British Journal of Ophthalmology 2008 - Present

**SERVICE ON GRADUATE SCHOOL COMMITTEES: N/A**

**SERVICE ON HOSPITAL COMMITTEES: N/A**

**SERVICE TO THE COMMUNITY: N/A**

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE: N/A**

**SPONSORSHIP OF POSTDOCTORAL FELLOWS: N/A**

**TEACHING RESPONSIBILITIES:**

1. Lectures

The Institute of Ophthalmology and Visual Science

Ophthalmology Residents Yearly Retina Lecture Series 2001 - Present

Retinal Vein Occlusions.

Retinal Artery Occlusions.

Posterior Vitreous Detachment and Retinal Tears.

Retinal Detachment.

Acquired Retinal Diseases.

Tumors of Retina, RPE and Choroid.

Fleck Diseases.

Diabetic Retinopathy.

OKAP Review.

White Dot Syndromes.

Non-AMD Causes of CNVM.

Retinitis.

Clinical Retinal Examination.

Diabetic Retinopathy.

The Institute of Ophthalmology and Visual Science

Ophthalmology Intravenous Fluorescein Angiography Yearly Lectures 2001 - Present

Introduction to Fluorescein Angiography: Part I.

Introduction to Fluorescein Angiography: Part II.

Introduction to Fluorescein Angiography: Part III.

Introduction to Fluorescein Angiography: Part IV.

Fluorescein Angiography: Fleck Diseases.

Fluorescein Angiography: White Dot Syndromes.

Fluorescein Angiography: Choroidal Lesions.

Fluorescein Angiography: Drusen.

Fluorescein Angiography: Macular Degeneration.

Fluorescein Angiography: CNVM.

Fluorescein Angiography: Retinal Vein Occlusions.

Fluorescein Angiography: Retinal Artery Occlusions.

Fluorescein Angiography: Hereditary Retinal Degenerations.

Fluorescein Angiography: Macular Holes and Cysts.

The Institute of Ophthalmology and Visual Science

Orientation Lectures to Incoming First Year Residents

Introduction to Retinal Clinical Examination 2001 - Present

State University of New York at Buffalo

Lectures to Ophthalmology Residents 2000 - 2001

Doheny Eye Institute, Keck School of Medicine, University

of Southern California, Los Angeles

Clinical Teaching for Ophthalmology Residents 1998 - 2000

Fluorescein Conferences 1998 - 2000

Medical Student Ophthalmology Lectures 1998 - 2000

Los Angeles County Medical Center

Clinical Teaching for Retina Resident Clinic 1998 - 2000

Surgical Attending for Resident Ophthalmic Surgeries 1998 - 2000

Clinical Teaching and Lectures for Medical Students 1998 - 2000

Stony Brook Medical School, State University of New York, New York

Clinical Instructor of Gross Anatomy for Pre-medical Students 1995

1. Research Training

Postdoctoral Fellows: None

Predoctoral Students

Rutgers New Jersey Medical School (Formerly UMDNJ-NJMS) 2001 - Present

Newark, New Jersey

Director, Retina Research Elective for Medical Students:

Aditya Uppuluri 07/2018 – 5/2019

Loka Thangamathesvaran 06/2018 – 5/2019

Saad Ali 07/2018 – 8/2018

Nehali Nanawati 10/2017–11/2017

Shreyas Shirodkar 06/2017–08/2017

Varsha Kurup 06/2017–08/2017

Somnath Rao 06/2017–08/2017

Aditya Uppuluri 06/2017–08/2017

Greg Budoff 10/2016–11/2016

Timothy Peiris 10/2016-11/2016

Xintong Li 06/2015-05/2016

Ahmed Sheikh 07/2015

Neil Patel 06-07/2015

Xintong Li 04-06/2015

Yi Lai 08-09/2014

Christopher Orr 08/2014

Tian Xing 07-09/2014

Xintong Li 07-09/2014

Dean Loporchio 07-08/2014

Kunjal Modi 07/2014

Christopher Orr 07/2013

Neil Kalbag 07/2013

Xintong Li 06/2013

Hardik Parikh 06/2013

Sarah Abbassi 06/2013

Poonam Misra 06/2013

Anton Kolomeyer 09/2012

Bryan Jones 07/2012

Avni Shah 07/2012

Sharaf Khan 07/2012

Iris Sheng 07/2012

Dean Loporchio 07/2012

Yi Lai 06/2012

Ananya Anne 06/2012

Parisa Emami 08/2011

Chris Seery 08/2011

Dipal Shah 08/2011

Krishnapriya Kalyam 08/2011

Auvni Patel 07/2011

Kavya Gorukanti 07/2011

Jing Feng 07/2011

Anton Kolomeyer 07/2011

Alain Bauza 07/2011

Ashwinee Ragam 06/2011

Lisa Athwal 06/2011

Nishant Soni 10/2010

Rahul Tonk 08/2010

Linda Huang 08/2010

Rana Mady 07/2010

Daniel Marchalik 07/2010

Sheila Ballintine 07/2010

Nishant Soni 07/2010

Huang, Sophia 11/2009

Abbey Xhang 09/2009

Priya Patel 08/2009

Nirupa Chandrasekaran 07/2009

Natasha Nayak 06/2009

Dipal Shah 06/2009

Shriji Patel 06/2009

Alain Bauza 06/2009

Tom Eck 06/2009

Lisa Atwal 06/2009

Jung Soon 06/2009

Sebastian Lesniak 03/2009

Sam Chu 06/2008

Jung Sun 06/2008

Nausheen Abaas 06/2008

Stephanie O’Deas 09/2007

Swetangi D. Bhaleeya 09/2007

Janine Collinge 07/2007

Benyamin Ebrahim 07/2007

Saya V. Nagori 01/2007

Nancy Sun 09/2006

Ajay Hira 08/2006

Sara Akbari 08/2006

Michelle Pham 07/2006

Danli Xing 07/2006

Lindsay Potdevin 03/2006

Nicholas Nisserios 12/2005

Larry Koreen 10/2005

Jane Kim 09/2005

Irina Koreen 09/2005

R. Radha Krishnan 07/2004

Anisha Khanna 06/2004

Ravi Shah 05/2004

Archna Prasad 01/2004

**CLINICAL RESPONSIBILITIES:**

Rutgers - New Jersey Medical School

Newark, New Jersey

Clinical and Surgical Supervisor for Ophthalmology Residents 2013 - Present

University of Medicine and Dentistry of New Jersey-

New Jersey Medical School, Newark, New Jersey

Clinical and Surgical Supervisor for Ophthalmology Residents 2001 - 2013

Millard Fillmore Hospital, Buffalo, New York

Retina Inpatient Services 2000 - 2001

Erie County Medical Center

State University of New York at Buffalo

Retina Lectures to Ophthalmology Residents 2000 - 2001

Los Angeles County Medical Center, California

Fluorescein Conferences for Ophthalmology Residents

Supervision of Ophthalmology Residents for Ophthalmic Surgeries

Supervision of Resident Retina Clinic

Responsible for Retina Division Regarding Patient Care and Resident Supervision 1998 - 2000

Women and Children Hospital, Los Angeles

Responsible for Management and Treatment of ROP, Neonatal Division of Pediatrics 1998 - 2000

University Hospital, University of Southern California

Responsible for Inpatient Retina Patients 1998 - 2000

Doheny Eye Institute, Los Angeles, California

Responsibilities of Retina Fellow; Retina Clinics, Clinical Research Trials 1998 - 2000

# **GRANT SUPPORT:**

1. Principal Investigator

1. National Eye Institute

DRCR: Short-term Evaluation of Combination Corticosteroid+Anti-VEGF Treatment for Persistent Central-Involved Diabetic Macular Edema Following Anti-VEGF Therapy in Pseudophakic Eyes (Protocol U)

2014-2016

Total award: $97, 090 (Direct: $72,985)

1. National Eye Institute

The Standard Care versus Corticosteroid for Retinal Vein Occlusion (SCORE) study 2

2014 - 2016

Total award: $109,382.50 (Direct: $83,117.30)

1. National Eye Institute

DRCR: Treatment for Central-Involved Diabetic Macular Edema in Eyes with Very Good Visual Acuity (Protocol V)

2014 - 2016

Total Award: $233,306 (Direct $170,340)

1. National Eye Institute

DRCR: Comparative Effectiveness Study of Intravitreal Aflibercept, Bevacizumab and Ranibizumab for Diabetic Macular Edema (Protocol T)

2013 - 2015

Total Award: $295,907 (Direct $222,160)

1. National Eye Institute

DRCR: Genes for Diabetic Retinopathy Study

2012 - 2016

Total Award: $3,753 (Direct $2,375)

1. National Eye Institute

AREDS2: Sirolimus Study

2012 - 2014

Total Award: $120,760 (Direct $76,430)

1. National Eye Institute

DRCR: Effect of Diabetes Education during Retinal Ophthalmology Visits on Diabetes Control (Protocol M)

2011 - 2014

Total Award: $42,000 (Direct $26,922)

1. National Eye Institute

DRCR; Topical NSAIDS in Eyes with Non-Central involved DME (Protocol R)

2011 - 2013

Total Award: $76,040 (Direct $56,440)

1. National Eye Institute

N01-EY-5-007

Age-Related Eye Disease Study II with Genetics Study

2006 - 2013

Total award: $259,580 (Direct $168,610)

1. Genentech

Investigator Initiated Pilot study: Ranibiumab in Patients with Dense Cataract and Rubeosis Due to Proliferative Diabetic Retinopathy

2007 - 2012

Total award: $200,005 (Direct $159,250)

8. Eye Institute of New Jersey

Real Time Tele-Ophthalmology and Tele-Videography for Retinal Disorders

2008 - 2009

Total award: $30,000 (Direct $30,000)

1. New Jersey Blind Institute

Use of Tele-Videography for Resident Training

2008 - 2009

Total award: $5000 (Direct: $5,000)

10. National Eye Institute 5U10EY014351-05

The Standard Care versus COrticosteroid for REtinal Vein Occlusion (SCORE) Study

2005 - 2009

Total award: $223,165 (Direct: $162,450)

1. Investigator Initiated - non-funded

Telemedicine; Use of Non-Mydriatic Camera to evaluate Diabetic Retinopathy

2005 – 2008

12. Laser Dazzler for Convoy Protection

University of Medicine and Dentistry of New Jersey Collaboration

Ophthalmology

2006 - 2007

Total award: $20,000 (Direct: $20,000)

1. Investigator Initiated - non-funded

Subthreshold Micropulse Diode Laser Photocoagulation Study

2002 - 2008

1. Eyetech Pharmaceuticals

Protocol EOP1013

A Phase 2/3 randomized, controlled, double-masked, multicenter, comparative dose finding trial, in parallel groups, to compare the safety and efficacy of intravitreous injections of 0.3, 0.03 or 0.003 mg Pegaptanib Sodium (Macugen), given as often as every 6 weeks for 3 years, to sham injections in subjects with diabetic macular edema (DME) involving the center of the macula.

2006 - 2007

Total award: $259,837 (Direct: $259,837)

1. Foundation of New Jersey Eye Institute

Use of Proteinkinase C Inhibitor for Choroidal Neovascular Membrane.

2003 - 2005

Total award: $25,000 (Direct $25,000)

1. Co-Investigator
2. Quark Study

PI: L. Frohman, MD

2017 – Present

1. New Jersey Medical School Protocol: 0120090202

Department of Anesthesiology

Comparison of Dexmedetomidine Versus Propofol in Vitreoretinal Surgery Under Sub-Tenon's Block. P.I.: Anuradha Patel, MD

1. - 2014

Total Award: $13, 275 (Direct $13, 275)

2. Theragenics Corporation

A Safety and Feasibility Study of the TheraSight™ Ocular Brachytherapy System for Treatment of AMD; Protocol NPD-07-01. P.I.: M. Zarbin, MD, PhD.

2004 - 2009

Total award: $288,256 (Direct $230,605)

1. Genentech

Randomized Study to Evaluate the Safety and Tolerability of Ranibizumab in Naïve and Previously Treated Subjects with Choroidal Neovascularization (CNV) Secondary to Age-Related Macular Degeneration (AMD), P.I.: M. Zarbin, MD, PhD

2006 - 2008

Total award: $82,670 (Direct $82,670)

1. Merck

A Pilot Study of the Effect of Cosopt™ on Visual Function and Safety in Patients with Age-Related Macular Degeneration. P.I.: Marco A. Zarbin, MD, Ph D

1. - 2007

Total award: $177,500 (Direct $177,500)

1. National Eye Institute

Longitudinal Study of the Ocular Complications of AIDS (LSOCA study).

P.I.: R. Rescigno, MD

Grant #0119980117

1. - 2004

Total award: $120,000 (Direct $120,000)

1. Pending - None

**PUBLICATIONS:**

1. **Refereed Original Articles in Journals**
2. **Bhagat N**, Goldberg MF, Gascon P, Bell W, Haberman J, Zarbin MA. Central Retinal Vein Occlusion: Review of Management. *European Journal of Ophthalmology*. 1999; 9(3):165-180.
3. **Bhagat N**, Goldberg MF, Gascon P, Bell W, Zarbin MA. Central Retinal Vein Occlusion: Report of Two Familial Cases. *European Journal of Ophthalmology*. 1999; 9(3):181-195.
4. **Bhagat N**, Caputo A, Pignato S, Zarbin MA. Coats’ Response in Leber’s Congenital Amaurosis. *Retina*. 1999; 19(4):356-359.
5. **Bhagat N**, Green R, Feldon S, Lim JI. **Exudative Retinal Detachment in Relapsing Polychondritis: Case Report and Literature Review. *Ophthalmology*. 2001; 108(6):**1156-1159.
6. **Bhagat N**, Read RW, Rao NA, Smith RE, Chong LP.  **Rifabutin-associated Hypopyon Uveitis in Human Immunodeficiency Virus–negative Immunocompetent Individuals.** *Ophthalmology*. 2001; 108(4):750-752.
7. **Bhagat N**, Von Hagen S, Zarbin MA. Perimetric Sensitivity and Retinal Thickness in Eyes with Macular Edema Resulting from Branch Retinal Vein Occlusion. *American Journal of Ophthalmology*. 2002; 133(3):428-9. *Senior author: Bhagat N.*
8. Leen JS, Ratnakaram R, Del Priore L, **Bhagat N**, Zarbin MA. Anterior Segment Ischemia after Vitrectomy in Sickle C Disease. *Retina*. 2002; 22(2):216-219.
9. **Bhagat N**, Zarbin MA. Diode Subthreshold Laser for DME. *Review of Ophthalmology*; Jobson Publishing. 2002; 9(9):83-89. *Senior author: Bhagat N.*
10. Castellarin A, Grigorian R, **Bhagat N**, Del Priore L, Zarbin MA. Vitrectomy with Silicone Oil Infusion in Severe Diabetic Retinopathy. *British Journal of Ophthalmology*. 2003; 87(3):318-321.
11. Grigorian RA, Castellarin A, **Bhagat N**, Del Priore LV, Von Hagen SA, Zarbin MA. Use of Viscodissection and Silicone Oil in Vitrectomy for Severe Diabetic Retinopathy. *Seminars in Ophthalmology.* 2003; 18(3):121-126.
12. Grigorian R, **Bhagat N**, Lanzetta P, Tutela A, Zarbin M. Pars Plana Vitrectomy for Refractory Diabetic Macular Edema. *Seminars in Ophthalmology.* 2003; 18(3):116-120.
13. **Bhagat N**, Lim JI, Mickler DS, Green RL. Posterior Uveal Effusion Syndrome After Trabeculectomy in an Eye with Ocular Venous Congestion. *British Journal of Ophthalmology*. 2004; 88(1):153-154.
14. **Bhagat N***.* Current Ophthalmology and Medicine - Cholesterol Lowering Drugs and Risk of Age-related Maculopathy: Prospective Cohort Study with Cumulative Exposure Measurement. *Survey of Ophthalmology*. 2004; 49(1):124-125. *Senior author: Bhagat N.*
15. Landolfi M, **Bhagat N**, Langer P, Rescigno R, Mirani N, Gass D, Grigorian R, Zarbin M. Penetrating Trauma Associated with Findings of Multiple Evanescent White Dot Syndrome in the Second Eye: Coincidence or an Atypical Case of Sympathetic Ophthalmia? *Retina*. 2004; 24(4):637-645.
16. Bronner G, Zarbin MA, **Bhagat N**. Anterior Ischemia After Posterior Segment Surgery. *Ophthalmology Clinics of North America*. 2004; 17(4):539-543.
17. Grigorian RA, Castellarin A, **Bhagat N**, Del Priore LV, Von Hagen SA, Zarbin MA. Use of Viscodissection and Silicone Oil in Vvitrectomy for Diabetic Retinopathy. *Contemporary Ophthalmology*. 2004; 3(3):121-126.
18. **Bhagat N**, Zarbin MA. Use of Diode Subthreshold Micropulse Laser for Treating Diabetic Macular Edema. *Contemporary Ophthalmology*. 2004; 3(13):1-6. *Senior author: Bhagat N.*
19. **Bhagat N**, Khanna A, Langer P. Hydrated Scleral Buckle: A Late Complication of an MAI explant. *British Journal of Ophthalmology*. 2005; 89(10):1380. *Senior author: Bhagat N.*
20. Shah R, Zarbin MA, **Bhagat N**. Retinal Hemorrhages in a Young Patient with Homocysteinuria. *British Journal of Ophthalmology*. 2005; 89(10):1381-1382. *Senior author: Bhagat N.*
21. Prasad A, Wagner R., **Bhagat N**. Vitreous Hemorrhage as the Initial Manifestation of X-Linked Retinoschisis in a Nine-month Old Infant. *Journal of Pediatric Ophthalmology and Strabismus*. 2006; 43(1):56-58. *Senior author: Bhagat N.*
22. **Bhagat N**, Zarbin MA. Diode Subthreshold Micropulse Laser for Diabetic Macular Edema. *Retinal Physician*. 2006; 53-56. *Senior author: Bhagat N.*
23. **Bhagat N**. Retinal Detachments in Pediatric Population; a Review: Part I. *Journal of Pediatric Ophthalmology and Strabismus.* 2007; 44(1):13-23. *Senior author: Bhagat N.*
24. Khouri A, Szirth B, **Bhagat N**, Fechtner R. Screening and Diabetes Mellitus (letter). *Ophthalmology*. 2007; 114(2):398-399.
25. **Bhagat N**. Retinal Detachments in Pediatric Population; a Review: Part II. *Journal of Pediatric Ophthalmology and Strabismus.* 2007; 44(2):86-92.
26. **Bhagat N**, Nissirios N, Potdevin L, Chung J, Lama P, Zarbin M, Fechtner R, Guo S, Chu D, Langer P. Complications in Resident-Performed Phacoemulsification Cataract Surgery at New Jersey Medical School. *British Journal of Ophthalmology*. 2007; 91(10):1315-1317. *Senior author: Bhagat N.*
27. Gorscak J, Ayres BD, **Bhagat N**, Hammersmith K, Rapuano C, Cohen E, Burday M, Mirani N, Jungkind D, Chu DS. An Outbreak of Fusarium Keratitis Associated with Contact Lens Use in Northeastern United States. *Cornea*. 2007; 26(10):1187-1194.
28. Bronner G, Shah S, **Bhagat N**, Zarbin MA. Acute Idiopathic Multifocal Hemorrhagic Retinal Vasculitis with Transient Profound Visual Loss. *Retinal Cases and Brief Reports.* 2008; 2(2):178-180.
29. **Bhagat N**, Grigorian R, Tutela A, Zarbin MA. Diabetic Macular Edema: Pathogenesis and Treatment. *Survey of Ophthalmology.* 2009; 54(1):1 - 32. *Senior author: Bhagat N.*
30. Ebrahim B, Frohman LP, Zarbin MA, **Bhagat N**. Tonic Pupil Following Pars Plana Vitrectomy and Endolaser. *Case Reports in Medicine. Accessed at* [*http://www.hindawi.com/journals/crm/2009/970502.html*](http://www.hindawi.com/journals/crm/2009/970502.html) 2009; 970502, 3 pages. *Senior author: Bhagat N.*
31. Bhaleeya S, Forfonova T, Zarbin MA, **Bhagat N**. Solar Retinopathy with Sungazing at Noon. *Digital Journal of Ophthalmology.* Retina/Uveitis Quiz 23. 2009. *Senior author: Bhagat N.*
32. Szirth BC, Kolomeyer A, Shahid K, Khouri A, Dordai L, **Bhagat N**. Fundus Autofluorescence Imaging. *Retina Today.* November/December 2009; 4(8):53-55.
33. Kolomeyer A, Grigorian RA, Mostafavi D, **Bhagat N**, Zarbin MA. 360° Retinectomy for the Treatment of Complex Retinal Detachment.  *Retina.* 2010.  Epub. 31(2):266-274, February 2011.
34. **Bhagat N**, Tu Y, Zarbin MA. A Case of Vortex Vein Aplasia and Recurrent Idiopathic Uveal Effusion Syndrome. *Journal of Clinical and Experimental Ophthalmology.* January 2011; 2(1)116. *Senior author: Bhagat N.*
35. Tannen B, Zarbin MA, **Bhagat N**, Wagner R, Chu D. Corneal Autograft and Allograft in a 10-month old Premature Boy with Acquired Bilateral Corneal Opacities. *Cornea*. 2011. Aug; 30(8):905-6.
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**PRESENTATIONS**:

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60. **Bhagat N**. Comparison of Subthreshold Micropulse Diode Laser Photocoagulation with Conventional Laser Photocoagulation for Clinically Significant Macular Edema in Diabetic Patients. *American Academy of Ophthalmology*, Anaheim, California. November 2003.
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70. Zarbin MA, Eliot D, **Bhagat N**. “Management of traumatic NLP eyes.” *American Academy of Ophthalmology (*AAO). New Orleans, LA. November 2017.
71. Rao S, Zarbin MA, **Bhagat N**. Acute Postoperative Endophthalmitis: A 10-Year Study. World Ophthalmology Congress. Barcelona, Spain, June 2018.
72. Xia T, Zarbin MA, **Bhagat N**. "Anti-VEGF Therapy for Management of Neovascularization of Iris and Neovascular Glaucoma". American Society of Retina Specialists (ASRS), 36th Annual Meeting, Vancouver, BC, Canada. July 20-25, 2018
73. Li X, Zarbin MA, Langer PD, **Bhagat N**. Enucleation After Post-Traumatic Endophthalmitis. WIO 2018 Summer Symposium

**MANUSCRIPTS SUBMITTED:**

Loka, Langer, Bhagat. Elloy. Impact of Industry Financial Ties on Scholarly Productivity and Academic Rank in Ophthalmology. May 2018

Reda et al : Silicone oil removal

Loka, Langer, Bhagat. Elloy. Impact of Industry Financial Ties on Scholarly Productivity and Academic Rank in Ophthalmology May 2018

Loka, Reda et al: Idiosyncratic reaction of a drug, Topiramate.

Xia et al ; Long term complications of OGIs

**MANUSCRIPTS IN PREPARATION:**

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