

MAX R. JOHNSON, M.D., R.Ph., F.A.C.S.

PERSONAL

Home Address

4425 160th Avenue SE
Horace, ND 58047
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Office Address

Retina Consultants Ltd
University Medical Center
2829 South University Drive, Suite 204
Fargo, North Dakota 58103-6050
Phone: 701-293-9829; Fax: 701-293-0111

Employment

Retina Consultants, Ltd (Owner and Founder); August 1988-Present

Date and Place of Birth

April 21, 1953 in Iowa City, Iowa, USA

EDUCATION

Postgraduate (Medical)

Chief Vitreoretinal Fellow
Schepens Retinal Associates, Boston, Massachusetts
July, 1987 – June, 1988

Vitreoretinal Medical/Surgical Fellow
Schepens Retina Associates and Mass Eye and Ear Infirmary, Boston, Massachusetts
Attended: July, 1986 – June, 1988

Clinical Retina Fellow
Harvard Medical School and Mass Eye and Ear Infirmary, Boston, Massachusetts
July 1987-June 1988

Clinical Low Vision Fellow
Schepens Retina Associates/Gerald R. Friedman, OD, Boston, Massachusetts
July 1987-June 1988

Research Associate
Eye Research Institute/Retina Foundation, Boston, Massachusetts
Attended: July, 1986 – June, 1988

Ophthalmology Residency
Henry Ford Hospital, Detroit, Michigan
Attended: July, 1983 – June, 1986

Transitional Medical/Surgical Internship
Marshfield Clinic/St Joseph's Hospital, Marshfield, Wisconsin
Attended: July, 1982 – June, 1983

Doctor of Medicine Degree
University of North Dakota School of Medicine, Grand Forks, North Dakota
Attended: August, 1978 – May, 1982

Summer Medical Research Fellow
National Institute of Health Summer Research Fellowship
University of Minnesota Department of Ophthalmology, Minneapolis, Minnesota
Attended: June, 1981 – August, 1981

Bachelor of Science Degree– Medicine
University of North Dakota School of Medicine, Grand Forks, North Dakota
Awarded: May, 1980

Postgraduate (Pharmacy)	Hospital Pharmacy Practice Residency (certified by Am. Soc. Hospital Pharmacists) . Medical University of South Carolina, Charleston, South Carolina Attended: September, 1975 – August, 1976
Pharmacy Internship	Broadway Pharmacy, Fargo, North Dakota Attended: June, 1974 – August, 1975
Undergraduate (Pharmacy)	Bachelor of Science Degree—Pharmacy, College of Pharmacy North Dakota State University, Fargo, North Dakota Attended: September, 1971 – August, 1975
Pre-College Schools	High School Diploma, Fargo South High School, Fargo, North Dakota Attended: April, 1970 to May, 1971 Sioux City Central High School, Sioux City, Iowa Attended: August, 1968 to April, 1970 Herbert Hoover Junior High School, Sioux City, Iowa Attended: August, 1965 to June, 1968
LICENSURE AND CERTIFICATION	North Dakota State Board of Pharmacy 1975 (inactive status) South Carolina State Board of Pharmacy 1976 (inactive status) National Board of Medical Examiners 1983 Michigan State Board of Medicine 1983 (deactivated) Massachusetts State Board of Medicine 1986 (deactivated) Minnesota State Board of Medicine 1987 North Dakota State Board of Medicine 1987 South Dakota State Board of Medicine 1993 American Board of Ophthalmology (written exam) 1988 American Board of Ophthalmology (oral exam) 1989 VA Healthcare Teleretina Imaging Certification 2009
CURRENT HOSPITAL AFFILIATIONS	Sanford Medical Center – Medical Staff, Fargo, North Dakota Essentia Health Center – Medical Staff, Fargo North Dakota
ACADEMIC AWARDS AND HONORS	National Academic Honor Society 1970 Phi Eta Sigma National Academic Fraternity 1972 McKesson-Robbins National Academic Scholarship 1971 <u>Who's Who in American Colleges and Universities</u> 1974 Blue Key National Honor Fraternity 1974 NDSU Intercollegiate Athletics (football and track) 1971-75 University of North Dakota Medical Alumni Scholarship 1979 Minnesota Medical Foundation Research Award 1981 Henry Ford Hospital Alumni Research Award 1985
ACADEMIC APPOINTMENTS	Clinical Assistant Professor of Surgery, UND School of Medicine, Grand Forks, North Dakota – 1995 to present Clinical Instructor, University of North Dakota School of Medicine, Grand Forks, North Dakota – 1988-1995
PHARMACY EMPLOYMENT	Director of Pharmacy Services, Colleton Regional Medical Center, Walterboro, South Carolina – 1977 to 1978 Assistant Director, Clinical Pharmacy Service Sea Island Comprehensive Health Johns Island, South Carolina – 1976 to 1977

COMMITTEE MEMBERSHIP

Ophthalmology Representative, Pharmacy and Therapeutics Committee,
Henry Ford Hospital, Detroit, Michigan – 1983 to 1986

Student Representative, Medical School Admissions Committee,
UND School of Medicine, Grand Forks, North Dakota – 1978 to 1980

ADVISORY BOARDS

AAO Diabetes 2000 "Prevent Blindness" North Dakota Chairman 1992 to 2000
National Advisory Board, Schepens International Retina Society 1995 to present
Executive Board, Schepens International Retina Society 2002 to present
Treasurer, Schepens International Retina Society 2003 to 2011
Executive Board, Retina Research Foundation 2003 to present

PROFESSIONAL MEMBERSHIPS

Association for Research in Vision and Ophthalmology 1984 to present
North Dakota Medical Association 1988 to present
American Academy of Ophthalmology 1984 to present
Schepens International Retina Society 1988 to present
Henry Ford Hospital Alumni Society 1988 to present
American Society of Retina Specialists 1988 to present
Minnesota Academy of Ophthalmology 1989 to present
North Dakota Pharmaceutical Association 1989 to present
North Dakota Society of Eye Physicians and Surgeons 2000 to present
Upper Mississippi Valley Retina Society 2005 to present
International College of Surgeons 2013 to present
Member American College of Surgeons 2016

COMMUNITY INVOLVEMENT

Fargo First United Methodist Church 1970 to present
Fargo Shiloh Masonic Lodge AF&AM 1973 to present
Fargo Lions Club 1989 to present
Fargo DeMolay Advisory Board 1989 to 1995
Guest Instructor, Undergraduate Athletic Training Program, NDSU 1990 to present
Regional Boy Scout Council Advisory Board 1996 to 2002
Team Ophthalmologist, Fargo-Moorhead Redhawks Baseball 1996 to 2000
Guest Instructor, Anatomy/Physiology Class, Fargo South High 2003 to 2009
Guest Instructor, Physics Lecture/Optics Lab, Fargo South High 2008 to 2009

COMMUNITY AWARDS

Eagle Scout Award, Boy Scouts of America 1968
Chevalier Honor Award, International Order of DeMolay 1974
Optimist International: Friend of Youth Award 1993
Fargo South High School Hall of Fame Award 2006

PUBLICATIONS

TRANSLATIONAL RESEARCH

Tran-Viet K, Powell C, Johnson C, Abbott D, Bakall B, Soler V, Klemm T, Yanovitch T, Nading E, Call W, Quiett V, Metlapally R, Li Y, Rozen S, Stone E, **Johnson M**, Young T
Exmore Sequencing Identifies a Novel COL2A1 Mutation in a large Caucasian Pedigree with Stickler/Wagner Phenotype
American Journal of Medical Genetics

Zhou S, Wang F, Zhange Y, **Johnson MR**, Qian S, et al.
Salinomycin Suppresses Pdgfr β , MYC, and Notch Signaling in Human Medulloblastoma
Austin Journal of Pharmacology and Therapeutics 2014; 2 (3).7

Mark J Donaldson MBBS (Hons), Jose S Pulido MD, Brian P Mullan MD,
David J Inwards MD, Herb Cantrill MD, **Max R Johnson, MD**, and Min-Kyu Han MD
Combined positron emission tomography/computed tomography for evaluation of presumed choroidal metastases
Clinical and Experimental Ophthalmology 2006; 34:846-851

**PUBLICATIONS
(continued)**

TRANSLATIONAL RESEARCH (continued)

Lisa A. Schimmenti, Mary Ella M. Pierpont, Becky L.M. Carpenter, Clifford E. Kashtan, **Max R. Johnson**, William B. Dobyns
Autosomal dominant optic nerve colobomas, renal anomalies and vesicoureteral reflux.
American Journal of Medical Genetics 59:204-208(1995)

Trese, M.; Ward, T.; Dunn, M.; **Johnson, M**
Bilateral Spontaneous Hemorrhagic Choroidal Detachment Secondary to Intravascular Thrombosis in Newborns with Protein C Deficiency
Invest Ophthalmol. Suppl. 30:137 (1989)

H. MacKenzie Freeman, **Johnson, M.R.**
Giant Retina Breaks
Current Therapy in Ophthalmic Surgery, – eds. Spaeth, G.L. and Katz, L.J
B.C. Decker, Inc, Philadelphia, Pennsylvania pp. 256-264 (1989)

Harnett, M.E.; **Johnson, M.R.**; Weiter, J.J.; Jalkh, A.E.
Classification of RPE Detachments in Age-Related Macular Degeneration
Invest Ophthalmol. Suppl. 29:1 (1988)

Johnson, M.R.; Bachynski, B.N.
Juvenile Iridoschisis and Microphthalmos
American Journal of Ophthalmology 101:742 (1986)

Witteman, G.J.; Brubaker, S.J.; **Johnson, M.R.**; Marks, R.G.
The Incidence of Re-Bleeding in Traumatic Hyphema
Annals Ophthalmology 17:525-6 (1985)

LABORATORY RESEARCH

Shapiro, M.; Hartnett, M.; Lin, J.; **Johnson, M.**; Pruett, R.
Ocular Compatibility of Alloplastic Materials for Scleral Surgery
Invest Ophthalmol. Suppl. 30:271 (1989)

Johnson, M.R.; Buzney, S.M.; Neufeld, A.H.
The Effect of Indomethacin on Cultured Retinal Capillary Endothelium and Cultured Aortic Endothelium
Invest Ophthalmol. Suppl. 29:12 (1988)

**SCIENTIFIC EXHIBITS
ABSTRACTS**

TL Young, Khanh-Nhat TV, Abbot D, Metlapally R, Burner E, Yi-Ju L, **Johnson C, Johnson M** **2011**
Novel Genetic Mapping in Wagner Syndrome
Association for Research in Vision and Ophthalmology, Ft Lauderdale, Fla

Tran-Viet KN, Abbot D, Burner E, Johnson C, **Johnson M**, Call W, **2010**
Metlapally R, Li YJ, Young TL
Genetic Mapping of Hereditary Vitreoretinopathy in a Three-Generation Family
American Society Human Genetics Meeting, Washington, DC

Johnson, M R., Johnson, C.A. **2007**
Characterization of Diabetic Retinopathy in Down Syndrome Patients
American Academy of Ophthalmology, New Orleans, La.

Sandra L.H. Davenport, MD, Evan Ballard, MD, **Max Johnson, MD** **1993**
The Greater the Hearing Loss, The Greater the Risk for Vision Loss?
Society for Ear, Nose, and Throat Advances in Children

**SCIENTIFIC EXHIBITS
ABSTRACTS
(continued)**

Johnson, M.R., Trese, M.T. **1986**
Vitreous Fatty Acid Composition in Eyes with Chronic Aphakic CME
Association for Research in Vision and Ophthalmology, Sarasota, Florida

Johnson, M.R., Rodvold, K.A., Phillips, R.E., Winemiller, R.H. **1983**
Theophylline Intoxication: Charcoal Hemoperfusion and Pharmacokinetics
Am. Soc. Hosp. Pharmacists., Midyear Convention, Atlanta, Georgia

**MULTICENTER
RESEARCH STUDY
PARTICIPATION**

Protocol C-08-36 Geographic Atrophy Treatment Evaluation (GATE) Trial
Principal Physician Investigator
Sponsor: Alcon Research Ltd. (Fort Worth, Texas)
March, 2009 to 2012

Anecortave Acetate Risk Reduction Trial (AART) for Macula Degeneration
Principal Physician Investigator
Sponsor: Alcon Research Ltd. (Fort Worth, Texas)
March, 2004 to 2008

Protocol B7A-MC-MBDL Ruboxistaurin Mesylate (LY333531) Trial
Reduction in the Occurrence of Center-Threatening Diabetic Macular Edema
Principal Physician Investigator
Sponsor: Eli Lilly and Company (Indianapolis, Indiana)
January, 2004 to 2008

National Sickle Cell Hyphema and Observation Clinical Trial
Physician Investigator
Sponsor: Illinois Eye and Ear Infirmary - Chicago, Illinois
1984 to 1987

Double-masked controlled study of topical Flurbiprofen in reducing Aphakic Cystoid
Macula Edema in cataract surgery patients
Secondary investigator and author (Primary investigator-Richard L Lindstrom, MD)
Sponsor: Allergan Pharmaceuticals
1981-1983

**CURRENT
TRANSLATIONAL
RESEARCH STUDIES**

Co-investigation with Erxi Wu, PhD NDSU Department of Pharmaceutical Sciences
R-15 NIH research grant application:
"Mechanism of anti-PDGFR (platelet-derived growth factor receptor) mediated
Proliferative Vitreoretinopathy by plant derived SJ001 compounds"
2012-present

**PAST CLINICAL
RESEARCH PROJECTS**

Co-investigation with Terri L Young, MD --Duke University
"Genetic Mapping of Novel Wagner Syndrome in three generation Family"
2009 to 2014

Co-investigation with Charles Johnson, University Colorado Medical School
"Genetic blockage of adverse retinopathy in long-term diabetic Trisomy 21 individuals"
2005 to 2014

Co-investigation with Sherri Stastny, LRD, PhD--North Dakota State University
"An evaluation of effectiveness of dietitian instruction and lutein/zeaxanthin
supplementation in slowing progression of age-related macular degeneration"
2006-2008

**PAST CLINICAL
RESEARCH PROJECTS
(continued)**

1993-1996 North Dakota CDC Diabetes Complication Surveillance Study
Principal Investigator- North Dakota Department of Health
Purpose: To obtain and interpret diabetic fundus photos from volunteers at community rural health centers in multiple counties throughout North Dakota. Data compiled and sent to CDC for inclusion in their annual report.

**INVITATIONS FOR
GUEST EDUCATION
LECTURESHIOPS**

APPENDIX A (Available upon request)

**PAPERS PRESENTED
AND COURSES
TAUGHT**

APPENDIX B (Available upon request)

**CONTINUING MEDICAL
EDUCATION
ATTENDANCE**

APPENDIX C (Available upon request)