
Yuri S. Oleynikov, MD, PhD
CORNEA SPECIALIST
Diplomat of American Board of Ophthalmology

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Specialty

Ophthalmology, licensed in the State of California.

Subspecialty

Cornea, Cataract and Refractive Surgery, External Eye Disease and Uveitis.

Personal Traits

Strong, goal- and result-oriented, establish good rapport with patients. Extensive biomedical and clinical research background.

EDUCATION

July 2006 - July 2007	Cornea, Refractive Surgery and Uveitis	Fellowship at Jules Stein Eye Institute, UCLA, Los Angeles, CA	
July 2003-2006	Ophthalmology	Residency at Harkness Eye Institute, Columbia University, New York, NY	
July 2002-2003	Internal Medicine	Internship at Beth Israel Medical Center, New York, NY	
1999-2002	Medicine	Albert Einstein College of Medicine New York, NY	M.D.
1996-1999	Molecular Cell Biology	Albert Einstein College of Medicine New York, NY	Ph.D.
1992-1996	Biomedical Sciences	University of Massachusetts Medical Center Worcester, MA	M.S.
1988-1992	General Medicine	Kharkov Medical Institute, Kharkov, Ukraine	B.S.

PROFESSIONAL AND RESEARCH EXPERIENCE

2007 - present	Cornea Specialist at Cornea-Genetic Eye Institute and Ophthalmology Consultants of Beverly Hills, CA . Ophthalmology attending at Jules Stein Eye Institute, UCLA, Los Angeles, CA
2010 - 2011	Axis Clinical Trials, 5800 Wilshire Blvd., Los Angeles, CA 90036 - Investigator
2009 - present	Co-investigator on FDA monitored IDE study "Randomized Study of Corneal Collagen Cross-Linking with the UV-X System for the Treatment of Keratectasia in Eyes With Intacs Implanted Compared to Eyes Without Intacs " at Cedars-Sinai Keratoconus Center, Cornea Genetic Eye Institute.
July 2007 - Sept 2009	Research Associate at Cedars-Sinai Medical Center, Los Angeles, CA, Research Scientist on NIH grant "Genetic Factors in Keratoconus". Corneal stem cell research associate.
July 2006 - July 2007	Cornea and Refractive Surgery, External Disease and Uveitis Fellowship at Jules Stein Eye Institute, UCLA, Los Angeles, CA
June 2003 - 2006	Resident Physician at Harkness Eye Institute, Columbia University, New York, NY Research on angiogenesis inhibition via anti-VEGF Avastin therapy in a mouse ROP model.
2002 - 2003	Resident Physician at Beth Israel Medical Center of Albert Einstein College of Medicine
2001 - 2002	Molecular mechanisms of cataract. Spector lab, Columbia University, New York, NY
1999 - 2002	Medical Student at the Albert Einstein College of Medicine, NY, Class of 2002.
1999 -2002	Postdoctoral Research Associate in the Laboratory of Dr. Robert H. Singer Albert Einstein College of Medicine, NY - Mechanisms of RNA localization in neuronal dendrites and breast cancer cells.
1994 -1999	Graduate Student in the Laboratory of Dr. Robert H. Singer, University of Massachusetts until 1996, then at Albert Einstein College of Medicine, NY Isolation, cloning and characterization of a novel RNA transport protein ZBP-1.
Fall 1993	Laboratory of Dr. Robert Woodland, Department of Immunology University of Massachusetts Medical Center, Worcester, MA Project: Effect of B-cell signaling on vesicular stomatitis virus proliferation.
August 1993	Laboratory of Dr. Mark Fiszman at l'Institute Pasteur in Paris, France Project: Cloning and sequencing of tropomyosin exon 6.
Fall 1992 -1996	PhD Student at University of Massachusetts Medical Center, Worcester, MA

HONORS AND AWARDS

- 2008-2015 Patients' Choice Award (2008 - 2009, 2011 - 2012, 2015)
- 2015 Compassionate Doctor Recognition (2013 - 2015)
- 2014 Top 10 Doctor - City of Beverly Hills, CA, Ophthalmologist
- 2006 First D.Srinivasan Resident Research Award, Harkness Eye Institute, Columbia University
- 2002 Degree of Doctor of Medicine with Special Distinction in Research
- 1994 Honors in PhD Qualifying Examination, University of Massachusetts Medical Ctr, Worcester, MA.
- 1993 University of Massachusetts Research Award at l'Institute Pasteur, Paris, France.
- 1992 Soros Foundation Award, Biomedical Sciences PhD program at University of Massachusetts Medical Center, Worcester, MA
- 1992 Full-scholarship to University of Massachusetts Medical Center Biomedical Sciences Program.
- 1991 4th place at All-Ukrainian Biochemistry Olympiad - Zaporizhe, Ukraine.

PROFESSIONAL AFFILIATIONS

American Academy of Ophthalmology
The Association for Research in Vision and Ophthalmology
American Society of Cataract and Refractive Surgery
American Board of Ophthalmology
New York State Ophthalmological Society
New York Academy of Sciences

SCIENTIFIC PUBLICATIONS

PRESENTATIONS AND LECTURES

Y.S. Oleynikov - IEK - Femtosecond laser-enabled penetrating keratoplasty. Invited lecture at Fyodorov Eye Microsurgery Institute, Moscow, Russia - September 2010

Y.S. Oleynikov, Y. S.Rabinowitz - IEK and Recent Developments in Corneal Transplantation. . Invited lecture at ASCRS 2008 Chicago, IL - April 2008

Y.S. Oleynikov, Y. S.Rabinowitz, A Case of Keratoconus in 3 Siblings From Different Mothers but the Same Father. ARVO 2009.

Y.S. Oleynikov, V.S. Yellore, N.Bourla, M.Khan, S.A. Rayner, R.S. Momi, K.M. Sampat, V.Theendakara, A.J. Aldave. Ophthalmology, UCLA, Jules Stein Eye Institute, Los Angeles, CA. Exclusion of the Chromosome 1p36 Candidate Region for Schnyder Crystalline Corneal Dystrophy. Poster at American Academy of Ophthalmology 110th Annual Meeting, 2007.

Yuri S. Oleynikov , Baris Sonmez, Rex D. Hamilton. Logistical regression model for distinguishing keratoconic from normal corneal morphology based on Orbscan IIz parameters. American Society of Cataract and Refractive Surgery, Annual Meeting 2007 Poster.

Daniel J. Salchow, M.D., **Yuri S. Oleynikov**, M.D., Ph.D., Michael F. Chiang, M.D., Shana E. Kennedy-Salchow, M.S., Kevin Langton, C.R.A., and James C. Tsai, M.D., Lama A. Al-Aswad, M.D. Retinal Nerve Fiber Layer Thickness in Children. Poster at American Academy of Ophthalmology 109th Annual Meeting, 2006.

Oleynikov YS, Abraham Spector AS: Cell morphology and cytoskeletal disruption in cataract lens epithelial cell lines subjected to peroxide exposure. Presented at The Association for Research in Vision and Ophthalmology 2002 Annual Meeting, May 2002,

Oleynikov YS, Singer RH: Real-Time Visualization of beta-actin mRNA Association with ZBP1 during Transcription and Localization. Presented at the 41st American Society for Cell Biology Annual Meeting, December 8-12, 2001, Washington, DC

Zhang H, Eom T, **Oleynikov YS**, Shenoy SM, Singer RH, Bassell GJ: Trafficking of Zip Code Binding Protein and Binding to the β -actin mRNA Zipcode Mediate the Regulation of β -actin mRNA Localization to Neuronal Processes. Presented at the Society for Neuroscience Annual Meeting , 2000.

Farina KL, **Oleynikov YS** and Singer RH: Functional Analysis of Zipcode Binding Protein-1 and Its Role in the Localization of β -actin mRNA to the Leading edge of Chick Embryo Fibroblasts. Presented at the 40th American Society for Cell Biology Annual Meeting, December 9-13, 2000, San Francisco, CA

Eom T, Zhang H, **Oleynikov YS**, Shenoy SM, Singer RH, Bassell GJ: Trafficking of Zip Code Binding Protein and Binding to the β -Actin Zip Code Mediate the Regulation of β -Actin mRNA Localization to Neuronal Processes. Presented at the 40th American Society for Cell Biology Annual Meeting, December 9-13, 2000, San Francisco, CA

Eom T, Zhang H, **Oleynikov YS**, Singer RH, Bassell GJ: Neuronal Zip Code Binding Protein (ZBP) for β -actin mRNA Localization to Growth Cones. Presented at the 39th American Society for Cell Biology Annual Meeting, December 11-15, 1999, Washington, DC

Oleynikov YS and Singer RH: ZBP-1, A Conserved RNA-binding Protein, Associates with β -actin mRNA in the Nucleus and Localizes with it in the cytoplasm, Lecture presented at the 39th American Society for Cell Biology Annual Meeting, December 11-15, 1999, Washington, DC

Oleynikov YS and Singer RH. ZBP-1: A novel highly conserved RNA-binding protein involved in the localization of β -actin mRNA. Presented at the 38th American Society for Cell Biology Annual Meeting, December 12-16, 1998, San Francisco, CA.

Zhang HL, **Oleynikov YS**, Singer RH and Bassell GJ. Involvement of 3'UTR sequences of RNA binding proteins in β -actin protein localization to growth cones. Presented at 38th American Society for Cell Biology Annual Meeting, December 12-16, 1998, San Francisco, CA.

Oleynikov YS and Singer RH. ZBP-1: A novel highly conserved RNA-binding protein involved in the localization of β -actin mRNA. Presented at FASEB Summer Research International Conference "Intracellular RNA Sorting, Transport and Localization", June 6-11, 1998, Snowmass Village, Colorado.

Oleynikov YS. ZBP-1: A novel highly conserved RNA-binding protein involved in the localization of β -actin mRNA. Lecture presented at the "Protein that Bind RNA" International Conference, May 4th, 1998, Avalon, NJ.

Oleynikov YS and Singer RH. ZBP-1: A novel highly conserved RNA-binding protein involved in the localization of β -actin mRNA. Presented at the 37th American Society for Cell Biology Annual Meeting, December 13-17, 1997, Washington, DC.

Oleynikov YS, Ross AF, Singer RH. Isolation and cloning of the zip-code binding protein (ZBP). Presented at the 6th Annual Congress on Cell Biology & 36th American Society for Cell Biology Annual meeting December 7-11, 1996, San Francisco, CA.

Ross AF, **Oleynikov YS**, Kislauskis EH and Singer RH. Isolating proteins binding to β -actin mRNA zipcode. Presented at FASEB Research International Conference "Sorting and intracellular Transport of RNA", June 22-27, 1996, Snowmass Village, Colorado.

Ross AF, **Oleynikov YS**, Kislauskis EH, Singer RH. Analysis of the zipcode-binding complex mediating β -actin mRNA localization in fibroblasts. Presented at the American Society for Cell Biology 35th Annual Meeting, December 9-13, 1995, Washington, DC.

ARTICLES

Salchow DJ, **Oleynikov YS**, Chiang MF, Kennedy-Salchow SE, Langton K, Tsai JC, Al-Aswad LA. Retinal nerve fiber layer thickness in normal children measured with optical coherence tomography. *Ophthalmology*. 2006 May; 113(5):786-91.

D.M.Tiruchinapalli, **Y. Oleynikov**, S. Kelic, S. M. Shenoy, A. Hartley, P. K. Stanton, R. H. Singer and G. J. Bassell, Activity-dependent trafficking and dynamic localization of ZBP1 and β -actin mRNA in dendrites and spines of hippocampal neurons, *Journal of Neuroscience*, April 2003. v,23(8),pp.3251-61.

Oleynikov YS and Singer RH, Real-Time Visualization of ZBP1 Association with β -actin mRNA with during Transcription and Localization, *Current Biology*, February 2003, v.13(3), pp.199-207.

Wang W, Wyckoff JB, Frohlich VC, **Oleynikov Y**, Huttelmaier S, Zavadil J, Cermak L, Bottinger EP, Singer RH, White JG, Segall JE, Condeelis JS. Single cell behavior in metastatic primary mammary tumors correlated with gene expression patterns revealed by molecular profiling. *Cancer Research*, November 2002, v.62(21),pp.6278-88.

Zhang HL, Eom T, **Oleynikov YS**, Shenoy SM, Liebelt DA, Dichtenberg JB, Singer RH, Bassell GJ. Neurotrophin-induced Transport of a β -Actin mRNA complex increases β -actin levels and stimulates growth cone motility, *Neuron*, August 2001, v.31, pp.261-275.

Bassell GJ, **Oleynikov YS**, and Singer RH. The travels of mRNAs through all cells large and small. *FASEB J.*, 1999, March 13(3):447-54.

Oleynikov YS and Singer RH. RNA localization: different zipcodes, same postman? *Trends Cell Biol.* 1998, Oct 8(10):381-3.

Ross AF, **Oleynikov YS**, Kislaukis EH, Taneja KL, and Singer RH. Characterization of a β -actin mRNA zipcode-binding protein. *Mol. Cell Biol.*, 1997, April 17(4):2158-65.

BOOK CHAPTERS

Yuri S. Oleynikov MD PhD. Astigmatism Considerations in Cataract Surgery, in *Essentials of Cataract Surgery* Book, 2nd ed, SLACK 2014

Oleynikov YS, Onclinx TM, Faktorovich EG, Mondino BJ. Peripheral Corneal Disease with Thinning. Chapter in *Corneal Surgery: Theory, Technique and Tissue*, Fourth ed., Brightbill, 2009.
