

# THOMAS K. SCHLESINGER, M.D., Ph.D.

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## **EDUCATION, TRAINING, PROFESSIONAL**

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2006-Present	North Bay Vitreoretinal Consultants	Santa Rosa, CA
2004-2006	Casey Eye Institute/OHSU, Vitreoretinal Fellow	Portland, OR
2001-2004	Doheny Eye Institute/USC, Resident	Los Angeles, CA
2000-2001	West Los Angeles VA/UCLA, Intern CA	Los Angeles,
1998-2000	Keck School of Medicine of USC, Student CA May, 2000 M.D. conferred	Los Angeles,
1992-1998	University of Colorado, 1994-1998 Ph.D. Pharmacology 1992-1994 medical student	Denver, CO
1990-1992	University of Nebraska, Research Asst, Chemistry	Lincoln, NE
1984-1990	University of Nebraska-BA Chemistry	Lincoln, NE

## **BOARD CERTIFICATION**

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2006 Diplomate, American Board of Ophthalmology

## **STATE LICENSURE**

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2002 – present California

2004 – 2007 Oregon

## **AWARDS (ACADEMIC)**

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2005 Ronald G. Michels Foundation Fellowship Award  
2004 Heed Foundation Fellow  
2002 Nesburn Award  
1994 Honors and Research Award for Outstanding Research, UCHSC  
1993 NIH Summer Research Fellowship, UCHSC  
1990 Phi Beta Kappa Honor Society  
1989 NCAA Today's Top Six Award  
1989 NCAA Post-graduate scholarship  
1988 Golden Key National Honor Society Scholarship  
1987 and 1988 GTE Academic All America

## AWARDS (ATHLETIC)

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2006 USA Gymnastics Hall of Fame  
1988 USA Olympic Gymnastics Team  
1987, 1989, & 1991 USA World Gymnastics Championship Team qualifier  
1990 USA Winter National Champion  
1988 Nissen Award Winner: Nation's best senior collegiate gymnast  
1987-1988 Three time NCAA Champion  
1987 Pan American Games Gold Medalist  
1985-1992 USA National Gymnastics team member

## PUBLICATIONS/PRESENTATIONS

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1. **Schlesinger TK**, Bonvin C, Jarpe MB, Fanger GR, Cardinaux JR, Johnson GL, Widmann C. Apoptosis stimulated by the 91-kDa caspase cleavage MEKK1 fragment requires translocation to soluble cellular compartments. *J Biol Chem.* 2002 Mar 22;277(12):10283-91.
2. **Schlesinger TK**, Demali K, Johnson, GL, Kazlauskas A. Platelet-derived growth factor-dependent association of the GTPase-activating protein of Ras and Src. *Biochem J.* 1999 Dec 1;344 Pt 2:519-26.
3. Yujiri T, Fanger GR, Garrington TP, **Schlesinger TK**, Gibson S, Johnson GL. MEK kinase 1 (MEKK1) transduces c-Jun NH2-terminal kinase activation in response to changes in the microtubule cytoskeleton. *J Biol Chem.* 1999 Apr 30;274(18):12605
4. Fanger GR, **Schlesinger TK**, Johnson GL. Signal transduction through Ste20-like kinases. In *Signal Transduction, Cell Cycle and Their Inhibitors.* (Gutkind, J.S. ed) Humana, Totowa, NJ, 1999
5. **Schlesinger TK**, Fanger GR, Yujiri T, Johnson GL. The TAO of MEKK. *Front Biosci.* 1998 Nov 15;3:D1181-6.
6. **Schlesinger TK**. Studies in Molecular Signal Transduction in Response to Polypeptide Growth Factors that Mediate Effects on Proliferative, Apoptotic and Cell Cycle Signals. Doctoral Dissertation, Nov. 27, 1998
7. Jarpe MB, Widmann C, Knall C, **Schlesinger TK**, Gibson S, Yujiri T, Fanger GR, Gelfand EW, Johnson GL. Anti-apoptotic versus pro-apoptotic signal transduction: checkpoints and stop signs along the road to death. *Oncogene.* 1998 Sep 17;17(11 Reviews):1475-82.
8. Jody Redepenning, **TK Schlesinger**, S Burnham, L Lippiello, J Miyano. Characteristics of electrolytically prepared brushite and hydroxyapatite coatings on orthopedic alloys. *J. Biomedical Materials Rsch Vol#30, 287-294, 1996*
9. Redepenning J, **Schlesinger TK**, Mechalke EJ, Puleo DA, Bizios R. Osteoblast attachment monitored with a quartz crystal microbalance. *Anal Chem.* 1993 Dec 1;65(23):3378-81.

10. **Schlesinger TK**, Ott S, Wang X, Appukuttan B, Van Boemel GB, Patel RJ, Stout JT. Frequency and characterization of Bestrophin Mutations in Patients with Best's Vitelliform Dystrophy. Poster, ARVO May, 2000.
11. **Schlesinger TK**, Hinton DR, Humayun MS. Effect of 810nm Laser Treatment on Retinal Pigment Epithelial Phagocytosis. Poster ARVO, May, 2003.
12. **Schlesinger TK**, Wilson DJ, Hwang TS, McFarland TJ Appukuttan B, Stout JT. Genetic Studies of a Surgically Resected Retinal Capillary Hemangioma From a Patient Without a Von Hippel-Lindau Germ Line Mutation. Poster, ARVO May, 2005.
13. Emerson MV, Lauer AK, Flaxel CJ, Wilson DJ, Francis PJ, Stout JT, Emerson GG, **Schlesinger TK**, Nolte SK, Klein ML .Intravitreal bevacizumab (Avastin) treatment of neovascular age-related macular degeneration. *Retina*. 2007 Apr-May;27(4):439-44.
14. Schlesinger, TK Retinal Vein Obstruction. Current Ocular Therapy. (Roy FH, Fraunfelder FW, Fraunfelder FT, eds). Saunders, 6 edition, 12/14/2007
15. **Schlesinger T**, Appukuttan B, Hwang T, Atchaneeyakasul LO, Chan CC, Zhuang Z, Stout JT, Wilson DJ. Internal en bloc resection and genetic analysis of retinal capillary hemangioblastoma. *Arch Ophthalmol*. 2007 Sep;125(9):1189-93.