

**RESEARCH TO PREVENT BLINDNESS**

**2005 BIBLIOGRAPHY**

**LISTED BY SCHOOL**

**Research Articles Crediting RPB for Support in 2005**

**47 Unrestricted Grants**

**8 Challenge Grants**

**175 Individual Awardees**

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\*\* Louisiana State University is rebuilding its research program after the devastation of Hurricane Katrina.

**RESEARCH ARTICLES CREDITING RPB FOR SUPPORT IN 2005**  
**LISTING BY SCHOOL**

<b><u>PUBLICATION</u></b>	<b><u># OF CREDITS</u></b>
AMERICAN JOURNAL OF OPHTHALMOLOGY	74
ARCHIVES OF OPHTHALMOLOGY <i>American Medical Association</i>	52
INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE <i>Association for Research in Vision and Ophthalmology – ARVO</i>	115
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OTHER PROFESSIONAL PUBLICATIONS	473
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<b>TOTAL PAPERS WITH RPB CREDITS</b>	<b>922</b>

**SPECIFIC RPB GRANTS ACKNOWLEDGED\***

RPB Unrestricted Grants	986	RPB Olga Keith Wiess Scholars	15
RPB Challenge Grants	45	RPB James S. Adams Scholars	2
RPB Jules & Doris Stein Prof.	15	RPB Robt. E. McCormick Scholars	4
RPB Lew R. Wasserman Merit Awd.	43	RPB Int'l Research Scholars	0
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RPB Walt and Lilly Disney Awd.	0		
RPB Wm. and Mary Greve Scholars	6	<b>TOTAL RPB GRANTEE CREDITS</b>	<b>1324</b>

\*Includes research articles which credit more than one RPB grant recipient or category.

**UNIVERSITY OF ALABAMA**

**AMERICAN JOURNAL OF OPHTHALMOLOGY**

Kimble J, Brandt B, McGwin G Jr: **Clinical Examination Accurately Locates Capillary Nonperfusion in Diabetic Retinopathy.** Am J Ophthalmol 2005;139:555-557 (Univ. of Alabama - Unres. Grant) Keyword(s): Diabetic Retinopathy

Read R, Zhang J, Albin T, Evans M, Rao N: **Splendore-Hoepli Phenomenon in the Conjunctiva: Immunohistochemical Analysis.** Am J Ophthalmol 2005;140:262-266 (Univ. of Alabama and Univ. of California, Los Angeles - Unres. Grants) Keyword(s): Helminthic Infection, Conjunctiva, Parasite, Immunohistochemistry

Monheit B, Read R: **Optic Disk Edema Associated with Sudden-Onset Anterior Uveitis.** Am J Ophthalmol 2005;140:733-735 (Univ. of Alabama - Unres. Grant) Keyword(s): Uveitis

**ARCHIVES OF OPHTHALMOLOGY**

McGwin G Jr, Owsley C: **Risk Factors for Motor Vehicle Collision-Related Eye Injuries.** Arch Ophthalmol. 2005;123:89-95 (Univ. of Alabama – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Eye Injury, Visual Function, Visual Impairment

McGwin G Jr, Owsley C: **Incidence of Emergency Department-Treated Eye Injury in the United States.** Arch Ophthalmol. 2005;123:662-666 (Univ. of Alabama - Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Eye Injury, Visual Impairment, Emergency Treatment

**INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE**

Li CM, Chung B, Presley J, Malek G, Zhang X, Dashti N, Li L, Chen J, Bradley K, Kruth H, Curcio C: **Lipoprotein-Like Particles and Cholesteryl Esters in Human Bruch's Membrane: Initial Characterization.** Invest Ophthalmol Vis Sci. 2005;46:2576-2586 (Univ. of Alabama and Duke Univ. - Unres. Grants and Lew R. Wasserman Merit Awd.) Keyword(s): Lipoprotein, Bruch's Membrane, Age-Related Maculopathy

**OPHTHALMOLOGY**

McGwin G Jr, Xie A, Owsley C: **The Use of Cholesterol-Lowering Medication and Age-Related Macular Degeneration.** Ophthalmology 2005;112:488-494 (Univ. of Alabama - Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): AMD

Albini T, Zamir E, Read R, Smith R, See R, Rao N: **Evaluation of Subconjunctival Triamcinolone for Nonnecrotizing Anterior Scleritis.** Ophthalmology 2005;112:1814-1820 (Univ. of Alabama and Univ. of Southern California - Unres. Grants) Keyword(s): Scleritis, Treatment, Corticosteroids, Adverse Events

### OTHER PROFESSIONAL PUBLICATIONS

#### AMERICAN ORTHOPTIC JOURNAL

Vaphiades M: **Visual and Hearing Loss from Percutaneous Brake Fluid Toxicity.** American Orthoptic Journal 2005;55:36-138 (Univ. of Alabama - Unres. Grant) Keyword(s): Percutaneous Toxicity, Hearing Loss, Ethylene Glycol Toxicity

#### JOURNAL OF LIPID RESEARCH

Li CM, Presley B, Zhang X, Dashti N, Chung B, Medeiros N, Guidry C, Curcio C: **Retina Expresses Microsomal Triglyceride Transfer Protein: Implications for Age-Related Maculopathy.** J Lipid Res 2005;46:628-640 (Univ. of Alabama - Unres. Grant and Lew R. Wasserman Merit Awd.) Keyword(s): Lipoprotein Assembly, Esterified Cholesterol, Retinal Pigment Epithelium, Bruch's Membrane, Abetalipoproteinemia

#### JOURNAL OF NEUROIMMUNOLOGY

Zimring J, Kapp L, Yamada M, Wess J, Kapp J: **Regulation of CD8<sup>+</sup> Cytolytic T Lymphocyte Differentiation by a Cholinergic Pathway.** J Neuroimmunology 2005;164:66-75 (Univ. of Alabama - Unres. Grant) Keyword(s): Acetylcholine, Neuroimmunology, T Cells, Cytotoxic T Lymphocyte

#### JOURNAL OF NEURO-OPHTHALMOLOGY

Vaphiades M.S, Lee A: **Burkitt Lymphoma Presenting with Gingival Pain and a Cavernous Sinus Syndrome in an Adult.** J Neuro Ophthalmol. 2005;25(3):249-250. (Univ. of Alabama and Univ. of Iowa - Unres. Grants) Keyword(s): Burkitt Lymphoma, Gingival Pain

#### MOLECULAR NEUROBIOLOGY

Yan RT, Ma W, Liang L, Wang SZ: **bHLH Genes and Retinal Cell Fate Specialization.** Molecular Neurobiol. 2005;32:157-171 (Univ. of Alabama - Unres. Grant and Dolly Green Scholar) Keyword(s): bHLH Genes, Neurod, Photoreceptor Cells, RPE Transdifferentiation, INL Cell Generation

## OPTOMETRY AND VISION SCIENCE

Bowers A, Peli E, Elgin J, McGwin G Jr, Owsley C: **On-Road Driving with Moderate Visual Field Loss.** *Optom Vis Sci* 2005;82(8):657-667 (Univ. of Alabama and Harvard Univ. - Unres. Grants and Sr. Scientific Inv. Awd.) Keyword(s): Driving Assessment; Visual Field, Glaucoma, Low Vision, Vision Impairment, Vision

## PROGRESS IN RETINAL AND EYE RESEARCH

Guidry C: **The Role of Muller Cells in Fibrocontractive Retinal Disorders.** *Prog Ret and Eye Res* 2005;24:75-86 (Univ. of Alabama – Unres. Grant) Keyword(s): Muller Cells, Fibrocontractive Retinal Disorders, Proliferative Diabetic Retinopathy (PDR)

## SURVEY OF OPHTHALMOLOGY

Vaphiades M, Horton J: **MRA or CTA, That's the Question.** *Surv Ophthalmol* 2005;50(4):406-410 (Univ. of Alabama – Unres. Grant) Keyword(s): Aneurysm, Computed Tomographic Angiography, Magnetic Resonance Angiography, Oculomotor Palsy

## VISION RESEARCH

Curcio C: **Imaging Maculopathy in Post-Mortem Human Eyes.** *Vision Research* 2005;5:3496-3503 (Univ. of Alabama - Unres. Grant and Lew R. Wasserman Merit Awd.) Keyword(s): Ageing, Degeneration, Drusen, Electron Microscopy, Fundoscopy, Histochemistry, Maculopathy

## FOREIGN PROFESSIONAL PUBLICATIONS

### BRITISH JOURNAL OF OPHTHALMOLOGY

McGwin G, Hall T, Xie A, Owsley C: **The Relation Between C Reactive Protein and Age Related Macular Degeneration in the Cardiovascular Health Study.** *Br J Ophthalmol* 2005;9:1166-1170 (Univ. of Alabama – Unres. Grant and Sr. Scientific Inv Awd.) Keyword(s): Age Related Macular Degeneration, Retinal Pigmented Epithelium, C Reactive Protein, Systemic Inflammatory Disease

### EXPERIMENTAL EYE RESEARCH

Curcio C, Presley J, Millican C, Medeiros N: **Basal Deposits and Drusen In Eyes With Age-Related Maculopathy: Evidence for Solid Lipid Particles.** *Exp Eye Res* 2005;80:761-775 (Univ. of Alabama - Unres. Grant and Lew R. Wasserman Merit Awd.) Keyword(s): Age-Related Maculopathy, Lipids, Lipoproteins, Electron Microscopy, Ultrastructural Pathology, Basal Deposits, Drusen

UNIVERSITY OF ARIZONA

INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE

Liton PB, Liu X, Stamer WD, Challa P, Epstein DL, Gonzalez P: **Specific Targeting of Gene Expression to a Subset of Human Trabecular Meshwork Cells Using the Chitinase 3-like 1 Promoter.** Invest Ophthalmol Vis Sci 2005;46:183-190 (Univ. of Arizona and Duke Univ. – Unres. Grants) Keyword(s): Glaucoma, Gene Therapy

Roybal CN, Marmorstein LY, Vander Jagt DL, Abcouwer SF: **Aberrant Accumulation of Fibulin-3 in the Endoplasmic Reticulum Leads to Activation of the Unfolded Protein Response and VEGF Expression.** Invest Ophthalmol Vis Sci 2005;46:3973-3979 (Univ. of Arizona – Unres. Grant) Keyword(s): AMD

OTHER PROFESSIONAL PUBLICATIONS

**AMERICAN JOURNAL OF PHYSIOLOGY**

Karl MO, Fleischhauer JC, Stamer WD, Peterson-Yantorno K, Mitchell CH, Stone RA, Civan MM: **Differential P1-Purinergic Modulation of Human Inner-Wall Schlemm's Canal Cells.** Am J Physiol 2005;288:C784-C794 (Univ. of Arizona and Univ. of Pennsylvania – Unres. Grants and Career Development Awd.) Keyword(s): Glaucoma

**JOURNAL OF THE AMERICAN ASSOCIATION OF PEDIATRIC OPHTHALMOLOGY & STRABISMUS**

Harvey EM, Miller JM, Dobson V, Clifford CE: **Prescribing Eyeglass Correction for Astigmatism in Infancy and Early Childhood: A Survey of AAPOS Members.** J AAPOS 2005;9:189-191 (Univ. of Arizona – Unres. Grant) Keyword(s): Pediatric

Clifford CE, Haynes BM, Dobson V: **Are Norms Based on the Original Teller Acuity Cards Appropriate for use with the New Teller Acuity Cards II?** J AAPOS 2005;9:475-479 (Univ. of Arizona – Unres. Grant) Keyword(s): Pediatric

**JOURNAL OF BIOLOGICAL CHEMISTRY**

Hardy KM, Hoffman EA, McKay BS, Gonzalez P, Stamer WD: **Extracellular Trafficking of Myocilin in Human Trabecular Meshwork Cells.** J Bio Chem 2005;280:28917-28926 (Univ. of Arizona and Duke Univ. – Unres. Grants) Keyword(s): Glaucoma

**JOURNAL OF REFRACTIVE SURGERY**

Schwiegerling, J: **Modal Reconstruction Methods with Zernike Polynomials.** J Refract Surgery 2005;21:S552-S557 (Univ. of Arizona – Unres. Grant) Keyword(s): Cornea

**MOLECULAR VISION**

Hoffman EA, Conley SM, Stamer WD, McKay BS: **Barriers to Productive Transfection of Human Trabecular Meshwork Cells.** Mol Vis 2005;11:869-875 (Univ. of Arizona – Unres. Grant) Keyword(s): Glaucoma

**OPTOMETRY & VISION SCIENCE**

Twelker JD, Harbison SC, Bailey IL: **Peripheral Light-Focusing: Measurement Reliability and Correlations with Ocular Dimensions.** Optom Vis Sci 2005;82:94-100 (Univ. of Arizona – Unres. Grant) Keyword(s): Cornea

Delaney SM, Dobson V, Mohan KM: **Measured Visual Field Extent Varies with Peripheral Stimulus Flicker Rate in Very Young Children.** Optom Vis Sci 2005;83:800-806 (Univ. of Arizona – Unres. Grant) Keyword(s): Pediatric



**UNIVERSITY OF ARKANSAS**

**ARCHIVES OF OPHTHALMOLOGY**

Brodsky MC: **Visuo-Vestibular Eye Movements: Infantile Strabismus in 3 Dimensions.** Arch Ophthalmol 2005;123:837-842 (Univ. of Arkansas – Unres. Grant) Keyword(s): Strabismus

Brodsky MC, Graf MH, Kommerell G: **The Reversed Fixation Test: A Diagnostic Test for Dissociated Horizontal Deviation.** Arch Ophthalmol 2005;123:1083-1087 (Univ. of Arkansas – Unres. Grant) Keyword(s): Other - Horizontal Deviation

**OTHER PROFESSIONAL PUBLICATIONS**

**JOURNAL OF OPHTHALMIC MEDICAL TECHNOLOGY**

Wiggins MN: **A Brief Stroll through Optics: A Case of Anisometropia.** J Ophthal Medical Tech Online 2005; 1(2) (Univ. of Arkansas – Unres. Grant) Keyword(s): Artificial Vision

**FOREIGN PROFESSIONAL PUBLICATIONS**

**ARCHIVES OF VIROLOGY**

Dix RD, Cousins SW: **Cell-Mediated Cytotoxicity of the Murine Cytomegalovirus-Infected Target Cells Allows for Release of Residual Infectious Virus.** Arch Virol 2005;150:797-803 (Univ. of Arkansas and Univ. of Miami – Unres. Grants) Keyword(s): Retina and Retinal Diseases

**BRITISH JOURNAL OF OPHTHALMOLOGY**

Phillips PH, Fray KJ, Brodsky MC: **Intermittent Exotropia Increasing with Near Fixation: A “Soft” Sign of Neurological Disease.** Br J Ophthalmol 2005;89:1120-1122 (Univ. of Arkansas – Unres. Grant) Keyword(s): Pediatric

**BAYLOR COLLEGE OF MEDICINE**

**AMERICAN JOURNAL OF OPHTHALMOLOGY**

Hassan SS, Wilhelmus KR; Medical Review Subcommittee of the Eye Bank Association of America: **Eye-Banking Risk Factors for Fungal Endophthalmitis Compared with Bacterial Endophthalmitis After Corneal Transplantation.** Am J Ophthalmol 2005;139:685-690 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Corneal Transplants

Albini TA, Lakhanpal RR, Foroozan R, Holz ER: **Macular Hole in Cat Scratch Disease.** Am J Ophthalmol 2005;140:149-151 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

Coats DK, Miller AM, Hussein MA, McCreery KM, Holz E, Paysse EA: **Involution of Retinopathy of Prematurity After Laser Treatment: Factors Associated with Development of Retinal Detachment.** Am J Ophthalmol 2005;140:214-222 (Baylor College of Medicine – Unres. Grant) Keyword(s): Pediatric, Retina and Retinal Diseases

Chan-Kai BT, Yen MT: **Combined Positron Emission Tomography/Computed Tomography Imaging of Orbital Lymphoma.** Am J Ophthalmol 2005;140:531-533 (Baylor College of Medicine – Unres. Grant) Keyword(s): Other - Imaging

Chong EM, Wang L, Basti S, Koch DD: **Anterior Lenticonus Detected by Wavefront Aberrometry.** Am J Ophthalmol 2005;140:921-924 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

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Westfall AC, Osborn A, Kuhl D, Benz MS, Mieler WF, Holz ER: **Acute Endophthalmitis Incidence: Intravitreal Triamcinolone.** Arch Ophthalmol 2005;123:1075-1077 (Baylor College of Medicine and Univ. of Chicago – Unres. Grants) Keyword(s): Retina and Retinal Diseases

Font RL, Rishi K: **Diffuse Retinal Involvement in Malignant Nonteratoid Medulloepithelioma of Ciliary Body in an Adult.** Arch Ophthalmol 2005;123:1136-1138 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Other - Oncology

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

Kim HS, Luo L, Pflugfelder SC, Li DQ: **Doxycycline Inhibits TGF-beta 1 Induced MMP-9 via Smad and MAPK Pathways in Human Corneal Epithelial Cells.** Invest Ophthalmol Vis Sci 2005;46:840-848 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

Yang JH, Le WD, Basinger SF, Wu SM, Yang CY: **Mechanisms of Apoptosis in Human Retinal Pigment Epithelium Induced by TNF-alpha in Conditions of Heavy Metal Ion Deficiency.** Invest Ophthalmol Vis Sci 2005;46:1039-1046 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

OPHTHALMOLOGY

Jabs DA, Holbrook JT, Van Natta ML, Clark R, Jacobson MA, Kempen JH, Murphy RL, for the Studies of Ocular Complications of AIDS Research Group: **Risk Factors for Mortality in Patients with AIDS in the Era of Highly Active Antiretroviral Therapy.** Ophthalmology 2005;112:771-779 (Baylor College of Medicine and Johns Hopkins Univ. – Unres. Grants and Sr. Scientific Inv. Awd.) Keyword(s): Retina and Retinal Diseases

Lakhanpal RR, Sun RL, Albin TA, Holz ER: **Anatomic Success Rate After 3-Port Lens-Sparing Vitrectomy in Stage 4A or 4B Retinopathy of Prematurity.** Ophthalmology 2005;112:1569-1573 (Baylor College of Medicine – Unres. Grant) Keyword(s): Pediatric, Retina and Retinal Diseases

Herz NL, Yen MT: **Modulation of Sensory Photophobia in Essential Blepharospasm with Chromatic Lenses.** Ophthalmology 2005;112:2208-2211 (Baylor College of Medicine – Unres. Grant) Keyword(s): Other - Blepharospasm

OTHER PROFESSIONAL PUBLICATIONS

**AMERICAN JOURNAL OF MEDICAL GENETICS**

Yatsenko SA, Treadwell-Deering D, Krull K, Lewis RA, Glaze D, Stankiewicz P, Lupski JR, Potocki L: **Trisomy 17p10-p12 Due to Mosaic Supernumerary Marker Chromosome: Delineation of Molecular Breakpoints and Clinical Phenotype, and Comparison to Other Proximal 17p Segmental Duplications.** Am J Med Genetics 2005;138A:175-180 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Other - Genetics

Sutton VR, Hopkins BJ, Eble TN, Gambhir N, Lewis RA, Van den Veyver IB: **Facial and Physical Features of Aicardi Syndrome.** Am J Med Genetics 2005;138A:254-258 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Other - Genetics

## AMERICAN JOURNAL OF PATHOLOGY

Pflugfelder SC, Farley W, Luo L, Chen LZ, de Paiva CS, Olmos LC, Li DQ, Fini ME: **Matrix Metalloproteinase-9 Knockout Confers Resistance to Corneal Epithelial Barrier Disruption in Experimental Dry Eye.** Am J Pathol 2005;166:61-71 (Baylor College of Medicine and Univ. of Miami – Unres. Grants) Keyword(s): Dry Eye

## CORNEA

Strong B, Farley W, Stern ME, Pflugfelder SC: **Topical Cyclosporin Inhibit Epithelial Apoptosis in Experimental Murine Keratoconjunctivitis Sicca.** Cornea 2005;24:80-85 (Baylor College of Medicine – Unres. Grant) Keyword(s): Dry Eye

Thomas JW, Pflugfelder SC: **Therapy of Progressive Rheumatoid Arthritis-Associated Corneal Ulceration with Infliximab.** Cornea 2005;24:742-744 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

Wilhelmus KR: **Acanthamoeba Keratitis During Orthokeratology.** Cornea 2005;24:864-866 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

## EYE CONTACT LENS

Stewart P, Chen Z, Farley W, Olmos L, Pflugfelder SC: **Effect of Experimental Dry Eye on Tear Sodium Concentration in the Mouse.** Eye Contact Lens 2005;31:175-178 (Baylor College of Medicine – Unres. Grant) Keyword(s): Dry Eye

Luo L, Li DQ, Corrales RM, Pflugfelder SC: **Hyperosmolar Saline is a Proinflammatory Stress on the Mouse Ocular surface.** Eye Contact Lens 2005;31:186-193 (Baylor College of Medicine – Unres. Grant) Keyword(s): Dry Eye

## JOURNAL OF CATARACT AND REFRACTIVE SURGERY

Donaldson KE, Gorscak JJ, Budenz DL, Feuer WJ, Benz MS, Forster RK: **Anterior Chamber and Sutured Posterior Chamber Intraocular Lenses in Eyes with Poor Capsular Support.** J Cataract Refract Surg 2005;31:903-909 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

Wang L, Santaell RM, Booth M, Koch DD: **Higher-Order Aberrations from the Internal Optics of the Eye.** J Cat Ref Surg 2005;31:1512-1519 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

## JOURNAL OF COMPARATIVE NEUROLOGY

Zhang J, Yang Z, Wu SM: **Development of Cholinergic Amacrine Cells is Visual Activity-Dependent in the Postnatal Mouse Retina.** J Comp Neurol 2005;484:331-343 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

## THE OCULAR SURFACE

Mitchell BM, Wilhelmus KR: **Inflammatory Response to Fungal Keratitis.** Ocular Surface 2005;3:S152-S153 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Cornea

## OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY

Ozkan Y, Font RL, Chaudhry IA, Boniuk M: **Leiomyoma of the Orbit and Periocular Region: A Clinicopathologic Study of Four Cases.** Ophth Plastic Reconst Surg 2005;21:16-22 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Other - Oncology

McKinley SH, Yen MT: **Octyl-2Cyanoacrylate Tissue Adhesive in External Dacryocystorhinostomy.** Ophth Plastic Reconst Surg 2005;21:197-200 (Baylor College of Medicine – Unres. Grant) Keyword(s): Other Oculoplastics

Yen MT, Yen KG: **Effect of Corticosteroids in the Acute Management of Pediatric Orbital Cellulitis with Subperiosteal Abscess.** Ophth Plastic Reconst Surg 2005;21:363-367 (Baylor College of Medicine – Unres. Grant) Keyword(s): Pediatric

Su GW, Patipa M, Font RL: **Primary Squamous Cell Carcinoma Arising from an Epithelium-Lines Cyst of the Lacrimal Gland.** Ophth Plastic Reconst Surg 2005;21:383-404 (Baylor College of Medicine – Unres. Grant and Sr. Scientific Inv. Awd.) Keyword(s): Other Oncology

## STEM CELLS

de Paiva CS, Chen Z, Corrales RM, Pflugfelder SC, Li DQ: **ABCG2 Transporter Identifies a Population of Clonogenic Human Limbal Epithelial Cells.** Stem Cells 2005;23:63-73 (Baylor College of Medicine – Unres. Grant) Keyword(s): Cornea

FOREIGN PROFESSIONAL PUBLICATIONS

**EXPERIMENTAL EYE RESEARCH**

Li DQ, Chen Z, de Paiva CS, Kim HS, Pflugfelder SC: **Partial Enrichment of a Population of Human Limbal Epithelial Cells with Putative Stem Cell Properties Based on Collagen Type IV Adhesiveness.** Exp Eye Res 2005;80:581-590 (Baylor College of Medicine – Unres. Grant)  
Keyword(s): Cornea

**VISION RESEARCH**

Ji J, Pennesi ME, Yang Z, Zhang J, Li DQ, Wu SM, Gross RL: **Effects of Elevated Intraocular Pressure on Mouse Retinal Ganglion Cells.** Vis Res 2005;45:169-179 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

Maple BR, Zhang J, Pang JJ, Gao F, Wu SM: **Characterization of Displaced Bipolar Cells in the Tiger Salamander Retina.** Vis Res 2005;45:697-705 (Baylor College of Medicine – Unres. Grant) Keyword(s): Retina and Retinal Diseases

**SUNY, BUFFALO**

**OTHER PROFESSIONAL PUBLICATIONS**

**MOLECULAR VISION**

Seigel GM, Campbell LM, Narayan M, Gonzalez-Fernandez F: **Cancer Stem Cell Characteristics in Retinoblastoma**. Mol Vis 2005;11:729-737 (SUNY, Buffalo – Challenge Grant and Sybil B. Harrington Scholar) Keyword(s): Retina and Retinal Diseases

Stenkamp DL, Calderwood JL, Van Niel EE, Daniels LM, Gonzalez-Fernandez F: **The Interphotoreceptor Retinoid-Binding Protein (IRBP) of the Chicken (*Gallus gallus domesticus*)**. Mol Vis 2005;11:833-884 (SUNY, Buffalo – Challenge Grant) Keyword(s): Retina and Retinal Diseases

Young, JE, Gross, KW, Khani, SC: **Conserved Structure and Spatiotemporal Function of the Compact Rhodopsin Kinase (GRK1) Enhancer/Promoter**. Mol Vis 2005;11:1041-1051 (SUNY, Buffalo – Challenge Grant) Keyword(s): Retina and Retinal Diseases

## UNIVERSITY OF CALIFORNIA, DAVIS

### AMERICAN JOURNAL OF OPHTHALMOLOGY

Gedde SJ, Schiffman JC, Feuer WJ, Parrish RK, Heuer DK, Brandt JD, and the Tube Versus Trabeculectomy Study Group: **The Tube Versus Trabeculectomy Study: Design and Baseline Characteristics of Study Patients.** Am J Ophthalmol 2005;140:275-287 (Univ. of California, Davis, Univ. of Miami and Medical College of Wisconsin – Unres. Grants) Keyword(s): Glaucoma

### ARCHIVES OF OPHTHALMOLOGY

Zangwill LM, Weinreb RN, Beiser JA, Berry CC, Cioffi GA, Coleman AL, Trick G, Liebmann JM, Brandt JD, Piltz-Seymour JR, Dirkes KA, Vega S, Kass MA, Gordon MO for the Confocal Scanning Laser Ophthalmoscopy Ancillary Study to the Ocular Hypertension Treatment Study Group: **Baseline Topographic Optic Disc Measurements are Associated with the Development of Primary Open-Angle Glaucoma.** Archives of Ophthalmol 2005;123:1188-1197 (Univ. of California, Davis, Univ. of California, San Diego, Washington Univ., Univ. of California, Los Angeles and Univ. of Pennsylvania – Unres. Grants) Keyword(s): Glaucoma

Keltner JL, Johnson CA, Levine RA: **Normal Visual Field Test Results Following Glaucomatous Visual Field Endpoints in the OHTS.** Archives of Ophthalmol 2005;123:1201-1206 (Univ. of California, Davis and Washington Univ. – Unres. Grants) Keyword(s): Glaucoma

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