



Research to Prevent Blindness

BIBLIOGRAPHY 2012

LISTED BY SCHOOL

RESEARCH ARTICLES CREDITING RPB SUPPORT IN 2012

UNRESTRICTED GRANTS	49
CHALLENGE GRANTS	6
INDIVIDUAL AWARDS	142

RESEARCH ARTICLES CREDITING RPB FOR SUPPORT IN 2012:
TABLE OF CONTENTS

Name of School	Articles	Page	Name of School	Articles	Page
University of Alabama	26	1	University of Minnesota	25	97
Albert Einstein College of Med.	20	4	Missouri-Columbia	10	100
University of Arizona	7	6	Mount Sinai School of Medicine	5	101
Baylor College of Medicine	17	7	University of Nebraska	15	102
SUNY Buffalo	11	9	New York University	9	104
Univ. of California, Davis	28	10	University of North Carolina	20	105
Univ. of California, Irvine	8	13	Northwestern University	19	107
Univ. of California, L.A.	19	14	University of Oklahoma	24	109
Univ. of California, San Diego	25	17	Oregon Health & Science Univ.	89	112
Univ. of California, San Fran	45	20	University of Pennsylvania	23	122
Univ. of Southern California	40	25	University of Pittsburgh	38	125
Case Western Reserve Univ.	21	29	University of Rochester	17	129
University of Cincinnati	13	31	Medical Univ. of South Carolina	19	131
Cleveland Clinic	37	33	SUNY Downstate	25	133
Columbia University	26	37	SUNY Upstate Med. Univ.	15	136
Duke University	27	40	University of Tennessee	23	138
Emory University	59	43	University of Texas, Galveston	5	141
University of Florida	41	48	University of Texas, Houston	14	142
Harvard University	32	53	Univ. of Texas, Southwestern	37	144
Univ. of Illinois at Chicago	43	57	Tufts University	25	148
University of Iowa	45	61	University of Utah	88	151
Johns Hopkins University	54	66	Vanderbilt University	27	160
Kentucky University	4	72	University of Washington	35	163
Louisiana State University	13	73	Washington Univ., St. Louis	15	167
University of Louisville	13	75	Wayne State University	18	169
University of Maryland	2	77	Weill Cornell Medical College	20	171
Mayo Medical School	48	78	West Virginia University	11	174
University of Miami	107	83	Medical College of Wisconsin	23	176
University of Michigan	36	93	University of Wisconsin	38	179

RESEARCH ARTICLES CREDITING RPB FOR SUPPORT IN 2012:
LISTING BY SCHOOL

PUBLICATION	CREDITS
AMERICAN JOURNAL OF OPHTHALMOLOGY	81
ARCHIVES OF OPHTHALMOLOGY <i>American Medical Association</i>	95
INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE <i>Association for Research in Vision and Ophthalmology – ARVO</i>	216
OPHTHALMOLOGY <i>American Academy of Ophthalmology</i>	93
OTHER PROFESSIONAL PUBLICATIONS	1,114
TOTAL PAPERS WITH RPB CREDITS	1,599

SPECIFIC RPB GRANTS ACKNOWLEDGED*

RPB Unrestricted Grants	1,400	RPB Wm. and Mary Greve Scholars	3
RPB Challenge Grants	64	RPB Olga Keith Wiess Scholars	20
RPB Jules & Doris Stein Prof.	20	RPB Int'l Research Scholars	0
RPB Lew R. Wasserman Merit Awd.	46	RPB Sybil B. Harrington Scholar	19
RPB Sr. Scientific Inv. Awd.	116	RPB Ernest & Elizabeth Althouse Scholar	7
RPB Career Development Awd.	114	RPB Robert & Helen Schaub Scholar	6
RPB Physician-Scientist Awd.	38	RPB Medical Student Fellowship	3
RPB Innov. Ophthalmic Research Awd	5	RPB Research Sabbatical Grant	0
RPB Dolly Green Scholars	0		
RPB Walt and Lilly Disney Awd.	10	TOTAL RPB GRANTEE CREDITS	1,871

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

UNIVERSITY OF ALABAMA

AMERICAN JOURNAL OF OPHTHALMOLOGY

Medeiros FA, Zangwill LM, Anderson DR, Liebmann JM, Girkin CA, Harwerth RS, Fredette MJ, Weinreb RN. **Estimating the rate of retinal ganglion cell loss in glaucoma.** Am J Ophthalmol. 2012 Nov;154(5):814,824.e1 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

Medeiros FA, Zangwill LM, Girkin CA, Liebmann JM, Weinreb RN. **Combining structural and functional measurements to improve estimates of rates of glaucomatous progression.** Am J Ophthalmol. 2012 Jun;153(6):1197,205.e1 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

Bowd C, Lee I, Goldbaum MH, Balasubramanian M, Medeiros FA, Zangwill LM, Girkin CA, Liebmann JM, Weinreb RN. **Predicting glaucomatous progression in glaucoma suspect eyes using relevance vector machine classifiers for combined structural and functional measurements.** Invest Ophthalmol Vis Sci. 2012 Apr 30;53(4):2382-9 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

Fazio MA, Grytz R, Bruno L, Girard MJ, Gardiner S, Girkin CA, Downs JC. **Regional variations in mechanical strain in the posterior human sclera.** Invest Ophthalmol Vis Sci. 2012 Aug 9;53(9):5326-33 (Univ. Alabama Birmingham - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Glaucoma

Goldbaum MH, Lee I, Jang G, Balasubramanian M, Sample PA, Weinreb RN, Liebmann JM, Girkin CA, Anderson DR, Zangwill LM, Fredette MJ, Jung TP, Medeiros FA, Bowd C. **Progression of patterns (POP): A machine classifier algorithm to identify glaucoma progression in visual fields.** Invest Ophthalmol Vis Sci. 2012 Sep 25;53(10):6557-67 (Univ. Alabama Birmingham - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Glaucoma

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OPHTHALMOLOGY

Woodhall D, Starr MC, Montgomery SP, Jones JL, Lum F, Read RW, Moorthy RS. **Ocular toxocariasis: Epidemiologic, anatomic, and therapeutic variations based on a survey of ophthalmic subspecialists.** Ophthalmology. 2012 Jun;119(6):1211-7 (Univ. Alabama Birmingham - Physician-Scientist Awd and Unres. Grant). Keyword(s): Epidemiology; Other (Toxocariasis)

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Blackburn J, Levitan EB, MacLennan PA, Owsley C, McGwin G, Jr. **A case-crossover study of risk factors for occupational eye injuries.** J Occup Environ Med. 2012 Jan;54(1):42-7 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Epidemiology; Other (Eye Injuries)

Blackburn J, Levitan EB, MacLennan PA, Owsley C, McGwin G, Jr. **The epidemiology of chemical eye injuries.** Curr Eye Res. 2012 Sep;37(9):787-93 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Epidemiology

Blackburn JL, Levitan EB, MacLennan PA, Owsley C, McGwin G, Jr. **Changes in eye protection behavior following an occupational eye injury.** Workplace Health Saf. 2012 Sep;60(9):393-400 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Other (Eye Injury)

Boye SE, Alexander JJ, Boye SL, Witherspoon CD, Sandefer KJ, Conlon TJ, Erger K, Sun J, Ryals R, Chiodo VA, Clark ME, Girkin CA, Hauswirth WW, Gamlin PD. **The human rhodopsin kinase promoter in an AAV5 vector confers rod- and cone-specific expression in the primate retina.** Hum Gene Ther. 2012 Oct;23(10):1101-15 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Gene Research/Therapy

Decarlo DK, McGwin G, Jr, Bixler ML, Wallander J, Owsley C. **Impact of pediatric vision impairment on daily life: Results of focus groups.** Optom Vis Sci. 2012 Sep;89(9):1409-16 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Low Vision; Pediatric

Decarlo DK, McGwin G, Jr, Searcey K, Gao L, Snow M, Stevens L, Owsley C. **Use of prescribed optical devices in age-related macular degeneration.** Optom Vis Sci. 2012 Sep;89(9):1336-42 ([Univ. Alabama Birmingham - Unres. Grant](#)). RPB support has been inadvertently omitted by grantee institution. Keyword(s): AMD; Low Vision

Dreer LE, Devivo MJ, Novack TA, Marson DC. **Financial capacity following traumatic brain injury: A six-month longitudinal study.** Rehabil Psychol. 2012 Feb;57(1):5-12 ([Univ. Alabama Birmingham - Career Development Awd and Unres. Grant](#)). Keyword(s): Other (Traumatic Brain Injury)

Dreer LE, Girkin C, Mansberger SL. **Determinants of medication adherence to topical glaucoma therapy.** J Glaucoma. 2012 Apr-May;21(4):234-40 ([Univ. Alabama Birmingham - Career Development Awd and Unres. Grant](#)). Keyword(s): Glaucoma

Girkin CA, Marchase N, Cogen MS. **Circumferential trabeculotomy with an illuminated microcatheter in congenital glaucomas.** J Glaucoma. 2012 Mar;21(3):160-3 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Glaucoma

Girkin CA, Rhodes L, McGwin G, Marchase N, Cogen MS. **Goniotomy versus circumferential trabeculotomy with an illuminated microcatheter in congenital glaucoma.** J AAPOS. 2012 Oct;16(5):424-7 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Glaucoma

Liu W, Liu Y, Challa P, Herndon LW, Wiggs JL, Girkin CA, Allingham RR, Hauser MA. **Low prevalence of myocilin mutations in an african american population with primary open-angle glaucoma.** Mol Vis. 2012;18:2241-6 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Glaucoma

Ma W, Wang SZ. **Fate tracing of neurogenin2-expressing cells in the mouse retina using CreER: LacZ.** Methods Mol Biol. 2012;884:141-52 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Neuro-Ophthalmology

Ng M, Sample PA, Pascual JP, Zangwill LM, Girkin CA, Liebmann JM, Weinreb RN, Racette L. **Comparison of visual field severity classification systems for glaucoma.** J Glaucoma. 2012 Oct-Nov;21(8):551-61 ([Univ. Alabama Birmingham - Unres. Grant](#)). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Glaucoma

Owsley C. **Driving with bioptic telescopes: Organizing a research agenda.** Optom Vis Sci. 2012 Sep;89(9):1249-56 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Low Vision

Vaphiades MS. **Diagnostic uncertainty due to optic disc drusen.** J Neuroophthalmol. 2012 Jun;32(2):145-7 ([Univ. Alabama Birmingham - Unres. Grant](#)). Keyword(s): Other (Optic Disc Drusen)

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Vaphiades MS, Bhatti MT, Lesser RL. **Ocular myasthenia gravis.** Curr Opin Ophthalmol. 2012 Nov;23(6):537-42 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Ocular Myasthenia Gravis)

Vaphiades MS, Brodsky MC. **Pediatric optic atrophy.** Int Ophthalmol Clin. 2012 Summer;52(3):17,28, xiii (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Optic Neuropathy; Pediatric

Wang SZ, Yan RT. **Chick retinal pigment epithelium transdifferentiation assay for proneural activities.** Methods Mol Biol. 2012;884:201-9 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Neuro-Ophthalmology; Retina/Retinal Diseases (Retinal Pigment Epithelium)

Yan RT, Wang SZ. **Production of high-titer RCAS retrovirus.** Methods Mol Biol. 2012;884:193-9 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Gene Research/Therapy

ALBERT EINSTEIN COLLEGE OF MEDICINE

OPHTHALMOLOGY

Katz MS, Chuck RS, Gritz DC. **Scleritis and episcleritis**. Ophthalmology. 2012 Aug;119(8):1715 .e1 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Other (Scleritis; Episcleritis)

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Chung SH, Choi SH, Choi JA, Chuck RS, Joo CK. **Curcumin suppresses ovalbumin-induced allergic conjunctivitis**. Mol Vis. 2012;18:1966-72 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Uveitis/Infectious Diseases

Gehlbach PL, Chuck RS, Park CG, Yong Park C. **Viral transgene expression delivered by repeat intraocular adenoviral vector injection: In vivo live imaging study**. Mol Imaging. 2012 Sep-Oct;11(5):361-71 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Imaging

He S, Cvekl A. **Focus on molecules: Brg1: A range of functions during eye development**. Exp Eye Res. 2012 Oct;103:117-8 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Other (Eye Development)

Johansson B. **Opacification of anterior part of hydrophilic acrylic IOL or a prelenticular inflammatory membrane?** J Cataract Refract Surg. 2012 Jun;38(6):1115,6; author reply 1116 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Other (Membranes)

Jones RS, Carroll RC, Nawy S. **Light-induced plasticity of synaptic AMPA receptor composition in retinal ganglion cells**. Neuron. 2012 Aug 9;75(3):467-78 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Kaur T, Nawy S. **Characterization of Trpm1 desensitization in ON bipolar cells and its role in downstream signalling**. J Physiol. 2012 Jan 1;590(Pt 1):179-92 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Park CY, Chuck RS. **Reversible opacification of a hydrophilic acrylic intraocular lens**. J Cataract Refract Surg. 2012 Jan;38(1):166-9 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract (Intraocular Lens; Opacification)

Park CY, Oh SY, Chuck RS. **Measurement of angle kappa and centration in refractive surgery**. Curr Opin Ophthalmol. 2012 Jul;23(4):269-75 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cornea (Refractive Surgery)

Park S, Fong AG, Cho H, Zhang C, Gritz DC, Mian G, Herzlich AA, Gore P, Morganti A, Chuck RS. **Protocol for vital dye staining of corneal endothelial cells**. Cornea. 2012 Dec;31(12):1476-9 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cornea

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Prince J, Chuck RS. **Refractive surgery after descemet's stripping endothelial keratoplasty.** Curr Opin Ophthalmol. 2012 Jul;23(4):242-5 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cornea (Keratoplasty)

Ruggiero R, Kale A, Thomas B, Baker NE. **Mitosis in neurons: Roughex and APC/C maintain cell cycle exit to prevent cytokinetic and axonal defects in drosophila photoreceptor neurons.** PLoS Genet. 2012 Nov;8(11):e1003049 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Shah SU, Gritz DC. **Application of the femtosecond laser LASIK microkeratome in eye banking.** Curr Opin Ophthalmol. 2012 Jul;23(4):257-63 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cornea; Other (Eye Banking; Laser Technology)

Shen Y, Rampino MA, Carroll RC, Nawy S. **G-protein-mediated inhibition of the trp channel TRPM1 requires the gbetagamma dimer.** Proc Natl Acad Sci U S A. 2012 May 29;109(22):8752-7 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Shriki O, Kohn A, Shamir M. **Fast coding of orientation in primary visual cortex.** PLoS Comput Biol. 2012;8(6):e1002536 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

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UNIVERSITY OF ARIZONA

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Baetz NW, Stamer WD, Yool AJ. **Stimulation of aquaporin-mediated fluid transport by cyclic GMP in human retinal pigment epithelium in vitro.** Invest Ophthalmol Vis Sci. 2012 Apr 24;53(4):2127-32 (Univ. Arizona - Unres. Grant). Keyword(s): Glaucoma

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Pasadhika S, Altenbernd T, Ober RR, Harvey EM, Miller JM. **Residency interview video conferencing.** Ophthalmology. 2012 Feb;119(2):426.e5 (Univ. Arizona - Unres. Grant). Keyword(s): Other (Education)

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Cui CY, Childress V, Piao Y, Michel M, Johnson AA, Kunisada M, Ko MS, Kaestner KH, Marmorstein AD, Schlessinger D. **Forkhead transcription factor FoxA1 regulates sweat secretion through bestrophin 2 anion channel and na-K-cl cotransporter 1.** Proc Natl Acad Sci U S A. 2012 Jan 24;109(4):1199-203 (Univ. Arizona - Unres. Grant). Keyword(s): Glaucoma; Macular Dystrophy; Retina/Retinal Diseases

Dismuke WM, McKay BS, Stamer WD. **Myocilin, a component of a membrane-associated protein complex driven by a homologous Q-SNARE domain.** Biochemistry. 2012 May 1;51(17):3606-13 (Univ. Arizona - Unres. Grant). Keyword(s): Glaucoma

Falk T, Congrove NR, Zhang S, McCourt AD, Sherman SJ, McKay BS. **PEDF and VEGF-A output from human retinal pigment epithelial cells grown on novel microcarriers.** J Biomed Biotechnol. 2012;278932 (Univ. Arizona - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Retina/Retinal Diseases

Stamer WD, Acott TS. **Current understanding of conventional outflow dysfunction in glaucoma.** Curr Opin Ophthalmol. 2012 Mar;23(2):135-43 (Univ. Arizona - Unres. Grant). Keyword(s): Glaucoma

Woo DH, Han KS, Shim JW, Yoon BE, Kim E, Bae JY, Oh SJ, Hwang EM, Marmorstein AD, Bae YC, Park JY, Lee CJ. **TREK-1 and Best1 channels mediate fast and slow glutamate release in astrocytes upon GPCR activation.** Cell. 2012 Sep 28;151(1):25-40 (Univ. Arizona - Unres. Grant). Keyword(s): Macular Dystrophy; Retina/Retinal Diseases

BAYLOR COLLEGE OF MEDICINE

AMERICAN JOURNAL OF OPHTHALMOLOGY

Yeu E, Wang L, Koch DD. **The effect of corneal wavefront aberrations on corneal pseudoaccommodation.** Am J Ophthalmol. 2012 May;153(5):972,981.e2 (Baylor College of Medicine – Unres. Grant). Keyword(s): Cornea

ARCHIVES OF OPHTHALMOLOGY

Gumus K, Lee S, Yen MT, Pflugfelder SC. **Botulinum toxin injection for the management of refractory filamentary keratitis.** Arch Ophthalmol. 2012 Apr;130(4):446-50 (Baylor College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Plastic Surgery; Uveitis/Infectious Diseases

OPHTHALMOLOGY

Kempen JH, Sugar EA, Lyon AT, Lewis RA, Jabs DA, Heinemann MH, Dunn JP, Studies of Ocular Complications of AIDS Research Group. **Risk of cataract in persons with cytomegalovirus retinitis and the acquired immune deficiency syndrome.** Ophthalmology. 2012 Nov;119(11):2343-50 (Baylor College of Medicine - Sr. Scientific Inv. Awd). Keyword(s): Cataract

OTHER PROFESSIONAL PUBLICATIONS – UNITED STATES AND FOREIGN

de Paiva CS, Schwartz CE, Gjorstrup P, Pflugfelder SC. **Resolvin E1 (RX-10001) reduces corneal epithelial barrier disruption and protects against goblet cell loss in a murine model of dry eye.** Cornea. 2012 Nov;31(11):1299-303 (Baylor College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Dry Eye

Fruhman G, Eble TN, Gambhir N, Sutton VR, Van den Veyver IB, Lewis RA. **Ophthalmologic findings in aicardi syndrome.** J AAPOS. 2012 Jun;16(3):238-41 (Baylor College of Medicine - Sr. Scientific Inv. Awd). Keyword(s): Other (Aicardi Syndrome)

Lee S, Shetlar DJ, Yen MT. **A unique case of foreign-body associated orbital myositis.** Ophthal Plast Reconstr Surg. 2012 Jul-Aug;28(4):e80-2 (Baylor College of Medicine - Unres. Grant). Keyword(s): Plastic Surgery

Lu R, Bian F, Lin J, Su Z, Qu Y, Pflugfelder SC, Li DQ. **Identification of human fibroblast cell lines as a feeder layer for human corneal epithelial regeneration.** PLoS One. 2012;7(6):e38825 (Baylor College of Medicine - Unres. Grant). Keyword(s): Cornea; Dry Eye

Lu R, Qu Y, Ge J, Zhang L, Su Z, Pflugfelder SC, Li DQ. **Transcription factor TCF4 maintains the properties of human corneal epithelial stem cells.** Stem Cells. 2012 Apr;30(4):753-61 (Baylor College of Medicine - Unres. Grant). Keyword(s): Cornea; Dry Eye

Maharaj AS, Lee S, Yen MT. **Fibromyxoma masquerading as dacryocystitis.** Ophthal Plast Reconstr Surg. 2012 Jul-Aug;28(4):e95-6 (Baylor College of Medicine - Unres. Grant). Keyword(s): Plastic Surgery

Matoba AY. **Fungal keratitis responsive to moxifloxacin monotherapy.** Cornea. 2012 Oct;31(10):1206-9 (Baylor College of Medicine - Unres. Grant). Keyword(s): Cornea; Uveitis/Infectious Diseases

**RPB BIBLIOGRAPHY 2012
BAYLOR COLLEGE OF MEDICINE**

Pang JJ, Gao F, Paul DL, Wu SM. **Rod, M-cone and M/S-cone inputs to hyperpolarizing bipolar cells in the mouse retina.** J Physiol. 2012 Feb 15;590(Pt 4):845-54 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Retina/Retinal Diseases

Pang JJ, Gao F, Wu SM. **Ionotropic glutamate receptors mediate OFF responses in light-adapted ON bipolar cells.** Vision Res. 2012 Sep 1;68:48-58 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Retina/Retinal Diseases

Pang JJ, Gao F, Wu SM. **Physiological characterization and functional heterogeneity of narrow-field mammalian amacrine cells.** J Physiol. 2012 Jan 1;590(Pt 1):223-34 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Retina/Retinal Diseases

Pelegrino FS, Pflugfelder SC, De Paiva CS. **Low humidity environmental challenge causes barrier disruption and cornification of the mouse corneal epithelium via a c-jun N-terminal kinase 2 (JNK2) pathway.** Exp Eye Res. 2012 Jan;94(1):150-6 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Cornea; Dry Eye

Singh R, Reddy DM, Barkmeier AJ, Holz ER, Ram R, Carvounis PE. **Long-term visual outcomes following lens-sparing vitrectomy for retinopathy of prematurity.** Br J Ophthalmol. 2012 Nov;96(11):1395-8 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Pediatric

Wang L, Dixit L, Weikert MP, Jenkins RB, Koch DD. **Healing changes in clear corneal cataract incisions evaluated using fourier-domain optical coherence tomography.** J Cataract Refract Surg. 2012 Apr;38(4):660-5 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Cataract; Imaging

Zhang X, Volpe EA, Gandhi NB, Schaumburg CS, Siemasko KF, Pangelinan SB, Kelly SD, Hayday AC, Li DQ, Stern ME, Niederkorn JY, Pflugfelder SC, De Paiva CS. **NK cells promote th-17 mediated corneal barrier disruption in dry eye.** PLoS One. 2012;7(5):e36822 ([Baylor College of Medicine - Unres. Grant](#)). Keyword(s): Cornea; Dry Eye

STATE UNIVERSITY OF NEW YORK AT BUFFALO

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

Xu J, Morris LM, Michalakakis S, Biel M, Fliesler SJ, Sherry DM, Ding XQ. **CNGA3 deficiency affects cone synaptic terminal structure and function and leads to secondary rod dysfunction and degeneration.** Invest Ophthalmol Vis Sci. 2012 Mar 1;53(3):1117-29 (State Univ. of New York at Buffalo – Unres. Grant). Keyword(s): Retina/Retinal Diseases

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Edwards MM, McLeod DS, Li R, Grebe R, Bhutto I, Mu X, Luttly GA. **The deletion of Math5 disrupts retinal blood vessel and glial development in mice.** Exp Eye Res. 2012 Mar;96(1):147-56 (State Univ. of New York at Buffalo - Unres. Grant). Keyword(s): Retina/Retinal Diseases

Garlipp MA, Nowak KR, Gonzalez-Fernandez F. **Cone outer segment extracellular matrix as binding domain for interphotoreceptor retinoid-binding protein.** J Comp Neurol. 2012 Mar 1;520(4):756-69 (State Univ. of New York at Buffalo – Unres. Grant). Keyword(s): Retina/Retinal Diseases

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Kovacs WJ, Charles KN, Walter KM, Shackelford JE, Wikander TM, Richards MJ, Fliesler SJ, Krisans SK, Faust PL. **Peroxisome deficiency-induced ER stress and SREBP-2 pathway activation in the liver of newborn PEX2 knock-out mice.** Biochim Biophys Acta. 2012 Jun;1821(6):895-907 (State Univ. of New York at Buffalo – Unres. Grant). Keyword(s): Gene Research/Therapy

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Lincoff NS, Chung C, Balos L, Corbo JC, Sharma A. **Combing the globe for terrorism.** J Neuroophthalmol. 2012 Mar;32(1):82-5 (State Univ. of New York at Buffalo – Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Neuro-Ophthalmology

Sherry DM, Kanan Y, Hamilton R, Hoffhines A, Arbogast KL, Fliesler SJ, Naash MI, Moore KL, Al-Ubaidi MR. **Differential developmental deficits in retinal function in the absence of either protein tyrosine sulfotransferase-1 or -2.** PLoS One. 2012;7(6):e39702 (State Univ. of New York at Buffalo – Unres. Grant). Keyword(s): Gene Research/Therapy

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UNIVERSITY OF FLORIDA

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