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Expression of $\alpha 1$ -Adrenergic Receptor Subtypes and Angiotensin II Type 1 Receptor in the Prostate of Spontaneously Hypertensive Rats by Tsuyoshi Nakayama, Tetsuya Imamura, Osamu Ishizuka, and Osamu Nishizawa

Department of Urology, Shinshu University School of Medicine, Nagano, Japan
The Shinshu Medical Journal 58(3):103-114, 2010

Corneal Biomechanical Properties and Intraocular Pressure in High Myopic Anisometropia by Suzhong Xu,^{1,2} Aiqin Xu,^{1,2} Aizhu Tao,^{1,2} Jianhua Wang,³ Fan Fan,^{1,2} and Fan Lu,^{1,2}

¹School of Optometry and Ophthalmology and Eye Hospital, Wenzhou Medical College, Wenzhou, Zhejiang, China; ²State Key Laboratory Cultivation Base and Key Laboratory of Vision Science, Ministry of Health PR China and Zhejiang Provincial Key Laboratory of Ophthalmology and Optometry, Wenzhou, Zhejiang, China; ³Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA
Eye & Contact Lens 36(4):204-209, 2010

A Novel Stepwise Differentiation of Functional Pancreatic Exocrine Cells from Embryonic Stem Cells by Sakiko Shirasawa,¹ Susumu Yoshie,² Tadayuki Yokoyama,¹ Daihachiro Tomotsune,² Fengming Yue,² and Katsunori Sasaki²

¹Laboratory for Advanced Health Sciences, Bourbon Institutes of Health, BOURBON Corporation;
²Department of Histology & Embryology, Shinshu University School of Medicine, 3-1-1 Asahi, Matsumoto 390-8621, Japan
Stem Cells and Development 20(6):1071-1078, 2010

Spontaneous Closure of a Stage 2 Macular Hole Without Detachment of the Posterior Hyaloid by Sanae Abe, Toshiyuki Fujiwara, and Takeshi Yoshitomi

Department of Ophthalmology, Akita University Graduate School of Medicine, Akita, Japan
Japanese Journal of Ophthalmology 54(6):633-635, 2010

The Effect of Blur Adaptation on Accommodative Response and Pupil Size During Reading by Rongrong Le,¹ Jinhua Bao,¹ Dongyan Chen,¹ Ji C He,^{1,2} and Fan Lu¹

¹Wenzhou Medical College, 270 Xue Yuan Road, Wenzhou, Zhejiang 325000, China; ²New England College of Optometry, Boston, MA 02115, USA
Journal of Vision 10(14):1, 2010; DOI: 10.1167/10.14.1

A Strong Genetic Association between the Tumor Necrosis Factor Locus and Proliferative Vitreoretinopathy: The Retina 4 Project by Jimena Rojas,¹ Itziar Fernandez,^{2,1} J. Carlos Pastor,¹ M. Teresa Garcia-Gutierrez,¹ Rosa M. Corrales,² Maria Brion,³ M. Rosa Sanabria,¹ Rosa M. Coco,¹ Jose M. Ruiz Moreno,⁴ Jose Garcia Arumi,⁵ Javier Elizalde,⁶ Miguel Ruiz-Miguel,⁷ Jose M. Gallardo,⁸ and Angel Carracedo⁹

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Ophthalmology 117(12):2417-2423, 2010

Upper and Lower Tear Menisci After Laser In Situ Keratomileusis by Aizhu Tao,¹ Meixiao Shen,¹ Jianhua Wang,² Qi Chen,¹ and Fan Lu¹

¹School of Ophthalmology and Optometry, Wenzhou Medical College, Wenzhou, Zhejiang, China; ²Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA
Eye & Contact Lens 36(2):81-85, 2010

Evaluation of BLID and LOC39959 as Candidate Genes for High Myopia in the Chinese Han Population by Fuxin Zhao,^{1,2} Jian Bai,^{3,4} Anquan Xue,¹ Wei Chen,^{3,4} Chao Hua Li,³ Zhonghui Yan,⁵ Hui Chen,⁶ Fan Lu,^{1,2} Jia Qu,^{1,2} Changqing Zeng,³ and Xiangtian Zhou^{1,2}

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Molecular Vision 16:1920-1927, 2010; <http://www.molvis.org/molvis/v16/a209/>

Applications of Nanoparticles in Ophthalmology by Yolanda Diebold^{1,2} and Margarita Calonge^{1,2}

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Progress in Retina and Eye Research 29(6):596-609, 2010

Cytokine and Chemokine Levels in Tears from Healthy Subjects by Ester Carreño,^{1,2} Amalia Enríquez-de-Salamanca,^{1,3} Marisa Tesón,¹ Carmen García-Vázquez,¹ Scott Whitcup,⁴ Michael E. Stern,⁴ and Margarita Calonge^{1,3}

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Acta Ophthalmologica 88(7):e250-258, 2010; DOI: 10.1111/j.1755-3768.2010.01978.x. Epub 2010 Aug 25

Accuracy of Pregnancy Specific Protein-B Test for Early Pregnancy Diagnosis in Dairy Cattle by Juan E. Romano¹ and Jamie E. Larson²

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Theriogenology 74(6):932-939, 2010

Effects of acutely elevated hydrostatic pressure in the rat ex vivo retinal preparation by Makoto Ishikawa,¹ Takeshi Yoshitomi,¹ Charles F Zorumski,² and Yukitoshi Izumi²

¹Department of Ophthalmology, Akita University Faculty of Medicine, Akita, Japan; ²Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, USA

Investigative Ophthalmology and Visual Science 51(12):6414-6423, 2010; DOI: 10.1167/iovs.09-5127

Reduced Tear Meniscus Dynamics in Dry Eye Patients with Aqueous Tear Deficiency by Yimin Yuan, Jianhua Wang, Qi Chen, Aizhu Tao, Meixiao Shen, and Mohamed Abou Shousha.

Bascom Palmer Eye Institute, University of Miami, Miller School of Medicine, Miami, FL, USA

American Journal of Ophthalmology 149(6): 932-938, 2010

CD117 and Stro-1 Identify Osteosarcoma Tumor-initiating Cells Associated with Metastasis and Drug Resistance by Amit S. Adhikari,^{1,4} Neeraj Agarwal,^{1,4} Byron M. Wood,^{1,4} Constance Porretta,² Bernardo Ruiz,³ Radhika R. Pochampally,⁵ and Tomoo Iwakuma^{1,4}

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Cancer Research 70(11):4602-4612, 2010

Upper Punctal Occlusion Versus Lower Punctal Occlusion in Dry Eye by Feng Chen,¹ Jianhua Wang,² Wei Chen,¹ Meixiao Shen,¹ Suzhong Xu,¹ and Fan Lu¹

¹School of Ophthalmology and Optometry, Wenzhou Medical College, Wenzhou, Zhejiang, China;

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Investigative Ophthalmology and Visual Science 51(11):5571-5577, 2010; DOI: 10.1167/iovs.09-5097

Use of Ultra-High-Resolution Optical Coherence Tomography to Detect in Vivo Characteristics of Descemet's Membrane in Fuchs' Dystrophy by Mohamed Abou Shousha, Victor L. Perez, Jianhua Wang, Takeshi Ide, Shuliang Jiao, Qi Chen, Victoria Chang, N. Buchser, S. R. Dubovy, W. Feuer, and Sonia H Yoo.

Bascom Palmer Eye Institute, University of Miami, Miller School of Medicine, Miami, FL, USA

Ophthalmology 117(6):1220-1227, 2010

An Intraocular Lens Power Calculation Formula Based on Optical Coherence Tomography: a Pilot Study by Maolong Tang, Yan Li, and David Huang

Center for Ophthalmic Optics and Lasers, Doheny Eye Institute and Department of Ophthalmology, Keck School of Medicine of the University of Southern California, Los Angeles, California

Journal of Refractive Surgery 26(6):430-437, 2010

Ocular Tolerance to a Topical Formulation of Hyaluronic Acid and Chitosan-based Nanoparticles by Laura Contreras-Ruiz,^{1,2} María de la Fuente,³ Carmen García-Vázquez,^{1,2} Victoria Sáez,^{1,2} Begoña Seijo,³ María J. Alonso,³ Margarita Calonge,^{1,2} and Yolanda Diebold^{1,2}

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Cornea 29(5):550-558, 2010

Changes in Ocular Response Analyzer Parameters after LASIK by Shihao Chen,¹ Ding Chen,¹ Jianhua Wang,² Fan Lu,¹ Qinmei Wang,¹ and Jia Qu¹

¹School of Ophthalmology and Optometry, Wenzhou Medical College, 270 Xueyuan Road, Wenzhou, Zhejiang, China, 325027; ²Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA
Journal of Refractive Surgery 26(4):279-288, 2010

Reduced Effects of Endothelium-derived Hyperpolarizing Factor in Ocular Ciliary Arteries from Spontaneous Hypertensive Rats by Yaru Dong,^{1,2} Hiroshi Watabe,¹ Jizhe Cui,² Sanae Abe,¹ Noriko Sato,¹ Hitoshi Ishikawa,³ and Takeshi Yoshitomi¹

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Experimental Eye Research 90(2):324-329, 2010

Differentiation of Smooth Muscle Cells from Human Amniotic Mesenchymal Cells Implanted in the Freeze-Injured Mouse Urinary Bladder by Tomonori Minagawa, Tetsuya Imamura, Naoki Aizawa, Osamu Ishizuka, Yasuhiko Igawa, and Osamu Nishizawa

Department of Urology, Shinshu University School of Medicine, 3-1-1 Asahi, Matsumoto, Nagano, Japan
European Urology 58(2):299-306, 2010

Evaluation of Prostaglandin Analogue Effects on Stromal Corneal Keratocytes Density Using Scanning Laser Confocal Microscopy by Chiara Bergonzi,¹ Andrea Giani,^{1,2} Mirella Blini,¹ Sylvia Marchi,¹ Saverio Luccarelli,¹ and Giovanni Staurenghi¹

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Journal of Glaucoma 19(9):617-621 2010

Tear Cytokine and Chemokine Analysis and Clinical Correlations in Evaporative-type Dry Eye Disease by Amalia Enríquez-de-Salamanca,^{1A,2} Evangelina Castellanos,^{1B} Itziar Fernández,^{2,1B} Ester Carreño,^{1A} Carmen García-Vázquez,^{1A} Michael E Stern,³ Jose M Herreras,^{1A,2} and Margarita Calonge^{1A,2}

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Molecular Vision 16:862-873, 2010; <http://www.molvis.org/molvis/v16/a96>

Association Analysis of Retinoic Acid Receptor Beta (RAR β) Gene with High Myopia in Chinese Subjects by Yang Ding,^{1,2} Xiaoyan Chen,^{1,2} Dongsheng Yan,^{1,2} Anquan Xue,¹ Fan Lu,^{1,2} Jia Qu,^{1,2} and Xiangtian Zhou^{1,2}

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Artifacts in Automatic Retinal Segmentation Using Different Optical Coherence Tomography Instruments by Andrea Giani, Mario Cigada, Ermengarda Marziani, Saverio Luccarelli, Paola Salvetti, Cristiano Luiselli, Pierfilippo Sabella, Matteo Cereda, Chiara Eandi, and Giovanni Staurenghi

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Retina 30(4):607-616, 2010

Autologous Bone Marrow-derived Mesenchymal Stem Cell Transplantation into Injured Rat Urethral Sphincter by Yoshiaki Kinebuchi, Naoki Aizawa, Tetsuya Imamura, Osamu Ishizuka, Yasuhiko Igawa, and Osamu Nishizawa

Department of Urology, Shinshu University School of Medicine, 3-1-1, Asahi, Matsumoto, Japan
International Journal of Urology 17(4):359-368, 2010

Ultrahigh-Resolution Measurement by Optical Coherence Tomography of Dynamic Tear Film Changes on Contact Lenses by Qi Chen,^{1,2} Jianhua Wang,² Aizhu Tao,^{1,2} Meixiao Shen,^{1,2} Shuliang Jiao,² and Fan Lu¹

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Investigative Ophthalmology and Visual Science 51(4):1988-1993, 2010

Tear Meniscus Volume in Dry Eye After Punctal Occlusion by Feng Chen,¹ Meixiao Shen,¹ Wei Chen,¹ Jianhua Wang,² Ming Li,¹ Yimin Yuan,¹ and Fan Lu¹

¹School of Ophthalmology and Optometry, Wenzhou Medical College, Wenzhou, Zhejiang, China;
²Bascom Palmer Eye Institute, University of Miami, Miller School of Medicine, Miami, FL, USA
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Integrated Clinical Evaluation of Type 2A Idiopathic Juxtafoveal Retinal Telangiectasia by F. Bottoni,¹ C.M. Eandi,² S. Pedenovi,¹ and G. Staurenghi¹

¹Ophthalmology Department., Sacco Hospital, University of Milan, Milan, Italy; ²Ophthalmology Department, University of Torino, Torino, Italy
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Rat Bladders Augmented with a Novel Bovine Pericardium-Derived Biomaterial Reconstruct Functional Tissue Structures by Yuji Mimura, Tetsuya Imamura, Yoshiaki Kinebuchi, Naoki Aizawa, Osamu Ishizuka, and Osamu Nishizawa

¹Department of Urology, Shinshu University School of Medicine, Matsumoto, Japan
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Bone Marrow-Derived Cells Implanted into Freeze-injured Urinary Bladders Reconstruct Functional Smooth Muscle Layers by Tetsuya Imamura,¹ Osamu Ishizuka,¹ Tokunori Yamamoto,² Momokazu Gotoh,² and Osamu Nishizawa¹

¹Department of Urology, Shinshu University School of Medicine, Matsumoto, Japan; ²Department of Urology, Nagoya University Graduate School of Medicine, Nagoya, Japan
Lower Urinary Tract Symptoms 2(1):1-10, 2010; DOI: 10.1111/j.1757-5672.2010.00066.x

Recovery of Corneal Hysteresis after Reduction of Intraocular Pressure in Chronic Primary Angle Closure Glaucoma by Lei Sun,¹ Meixiao Shen,¹ Jianhua Wang,^{2,3} Aiwu Fang,¹ Aiqin Xu,¹ Haizhen Fang,¹ and Fan Lu¹

¹School of Optometry and Ophthalmology and Eye Hospital, Wenzhou Medical College, Wenzhou, Zhejiang, Peoples Republic of China; ²Key Laboratory of Vision Science, Ministry of Health China, Wenzhou, Zhejiang, Peoples Republic of China; ³Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA
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In Situ Visualization of Tears on Contact Lens Using Ultra High Resolution Optical Coherence Tomography by Jianhua Wang,¹ Shuliang Jiao,¹ Marco Ruggeri,¹ Mohammed Abou Shousha,¹ and Qi Chen,^{1,2}

¹Bascom Palmer Eye Institute, University of Miami, Miami, FL, 33136, USA; ²School of Ophthalmology and Optometry, Wenzhou Medical College, Wenzhou, Zhejiang, Peoples Republic of China
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Temperature-dependent Ultrastructural Changes in the Cone Interphotoreceptor Matrix by Makoto Ishikawa,¹ T Fujiwara, and Takeshi Yoshitomi¹

¹Department of Ophthalmology, Akita University Faculty of Medicine, Akita, Japan
Japanese Journal of Ophthalmology 53(5):536-540, 2009

The Microenvironment of Freeze-injured Mouse Urinary Bladders Enables Successful Tissue Engineering by Tetsuya Imamura,¹ Tokunori Yamamoto,² Osamu Ishizuka,¹ Momokazu Gotoh,² and Osamu Nishizawa¹

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Characterization and Short-Term Culture of Cells Recovered from Human Conjunctival Epithelium by Minimally Invasive Means by Hernán Martínez-Osorio,^{1,2} Margarita Calonge,^{1,2} Alfredo Corell,^{1,2,3} Roberto Reinoso,^{1,2} Antonio López,^{1,2} Itziar Fernández,^{1,2} Eloína Gutiérrez San José,³ Yolanda Diebold^{1,2}

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Conjunctival Mucin mRNA Expression in Contact Lens Wearers by Rosa M. Corrales,^{1,2} David Galarreta,² Jose M. Herreras,^{2,1} Victoria Saez,^{1,2} Isabel Arranz,² Maria J. González,^{2,1} Agustin Mayo,² Margarita Calonge,^{2,1} and F. Javier Chaves³

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Optometry and Vision Science, 86(9):1051-1058, 2009

Peripheral T-cell Lymphoma of the Eyelid by Makoto Ishikawa, Hiroshi Watabe, Masahiro Hayakawa, and Takeshi Yoshitomi

Department of Ophthalmology, Akita University Faculty of Medicine, 1-1-1 Hondo, Akita, Japan
Clinical Ophthalmology 3:537-529, 2009

Bone Morphogenetic Protein-4 Promotes Induction of Cardiomyocytes from Human Embryonic Stem Cells in Serum-Based Embryoid Body Development by Shunsuke Takei, Hinako Ichikawa, Kohei Johkura, Akimi Mogi, Heesung No, Susumu Yoshie, Daihachiro Tomotsune, and Katsunori Sasaki

Department of Histology and Embryology, Shinshu University School of Medicine, 3-1-1 Asahi, Matsumoto 390-8621, Japan
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Downregulation of Endotoxin-Induced Uveitis by Intravitreal Injection of Poly(lactic-glycolic Acid) (PLGA) Microspheres Loaded with Dexamethasone by Emilia Barcia,¹ Rocío Herrero-Vanrell,¹ Ana Díez,² Consuelo Álvarez-Santiago,¹ Isabel López,² and Margarita Calonge²

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Experimental Eye Research 89(2):238-245, 2009

Retinal Fluorescein, Indocyanine Green Angiography, and Optic Coherence Tomography in Non-Hodgkin Primary Intraocular Lymphoma by Christine Fardeau,¹ Cheryl PL Lee,² H  l  ne Merle-B  ral,³ Nathalie Cassoux,¹ Bahram Bodaghi,¹ Fr  d  ric Davi,³ and Phuc LeHoang¹

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American Journal of Ophthalmology 147(5):886-894, 2009

Role of α_1 -Adrenergic Receptors in Detrusor Overactivity Induced by Cold Stress in Conscious Rats by Zhong Chen, Osamu Ishizuka, Tetsuya Imamura, Naoki Aizawa, Yasuhiko Igawa, and Osamu Nishizawa
Department of Urology, Shinshu University School of Medicine, 3-1-1 Asahi, Matsumoto 390-8621, Japan

Neurourology and Urodynamics 28(3):251-256, 2009

An Extract (THC-002) of Ba-Wei-Die-Huang-Wan Inhibits Expression of Tachykinins, and P2X3 and TRPV1 Receptors, and Inhibits ATP-Induced Detrusor Overactivity in Spontaneously Hypertensive Rats by Tetsuya Imamura,¹ Osamu Ishizuka,¹ Chen Zhong,¹ Teruyuki Ogawa,¹ Tsuyoshi Nakayama,¹ Yoshiki Kurizaki,¹ Tomoaki Tanabe,¹ Osamu Nishizawa,¹ and Karl-Erik Andersson²

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Neurourology and Urodynamics 28(6):529-534, 2009; DOI: 10.1002/nau.20702

Intraocular Pressure and Calculated Diastolic Ocular Perfusion Pressure During Three Simulated Steps of Phacoemulsification In Vivo by Yune Zhao,¹ Xingyu Li,¹ Aizhu Tao,¹ Jianhua Wang,² and Fan Lu¹

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Investigative Ophthalmology and Visual Science 50:2927-2931, 2009; DOI: 10.1167/iovs.08-2996

Lower Volumes of Tear Menisci Are Associated with Dry Eye Symptoms in Contact Lens Wearers by Qi Chen,¹ Jianhua Wang,² Meixiao Shen,¹ Chunyan Cai,¹ Jianhua Li,¹ Lele Cui,¹ Jia Qu,¹ and Fan Lu¹

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Investigative Ophthalmology and Visual Science 50(7):3159-3163, 2009; DOI: 10.1167/iovs.08-2794

Upper and Lower Tear Menisci in the Diagnosis of Dry Eye by Meixiao Shen,¹ Jianhua Li,¹ Jianhua Wang,² Huixiang Ma,¹ Chunyan Cai,¹ Aizhu Tao,¹ Yimin Yuan,¹ and Fan Lu¹

¹School of Ophthalmology and Optometry, Wenzhou Medical College, 270 Xueyuan Road, Wenzhou, Zhejiang, China; ²Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA

Investigative Ophthalmology and Visual Science 50(6):2722-2726, 2009; DOI: 10.1167/iovs.08-2704

Development of Predictive Models of Proliferative Vitreoretinopathy Based on Genetic Variables. The Retina 4 Project by J. Rojas,¹ I. Fernandez,^{1,2} J. C. Pastor,^{1,3} M. T. Garcia-Gutierrez,¹ R. M. Sanabria,¹ M. Brion,⁴ B. Sobrino,⁵ L. Manzanar,⁶ A. Giraldo,⁶ E. Rodr  guez de la Rua,^{1,3} and A. Carracedo⁶

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Investigative Ophthalmology and Visual Science 50(5):2384-2390, 2009

Laser Flare Photometry in Therapeutic Management of Bacterial Chronic Pseudophakic Endophthalmitis by Christine Fardeau,¹ Carl P. Herbort,² Sylvia Nghiem,¹ Vincent Jarlier,³ and Phuc Lehoang¹

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³Laboratory of Bacteriology, Pitié-Salpêtrière Hospital, Paris, France

Journal of Cataract and Refractive Surgery 35(1):98-104, 2009

Upper and Lower Tear Menisci on Contact Lenses by Jianhua Wang,^{1,2} Ian Cox,³ and William T. Reindel³

¹From the Bascom Palmer Eye Institute, University of Miami, Miami, Florida; the ²Department of

Ophthalmology, University of Rochester, Rochester, New York; and ³Bausch & Lomb, Rochester, New York.

Investigative Ophthalmology and Visual Science 50(3):1106-1111, 2009; DOI: 10.1167/iovs.08-2458

Genetically Engineered Elastin-Like Polymer as a Substratum to Culture Cells from the Ocular Surface by

Hernán Martínez-Osorio,¹ Mónica Juárez-Campo,¹ Yolanda Diebold,¹ Alessandra Girotti,² Matilde Alonso,²

Francisco Javier Arias,² José C. Rodríguez-Cabello,² Carmen García-Vázquez,¹ and Margarita Calonge¹

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Current Eye Research 34(1):48–56, 2009

The Method of Mouse Embryoid Body Establishment Affects Structure and Developmental Gene Expression

by A. Mogi,¹ H. Ichikawa,¹ C. Matsumoto,¹ T. Hieda,¹ D. Tomotsune,¹ S. Sakaki,² and K. Sasaki¹

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Adenovirus E1A oncoprotein liberates c-Myc activity to promote cell proliferation through abating Bin1 expression via an Rb/E2F1-dependent mechanism by Erica L. Kinney,^{1,2} Satoshi Tanida,^{1,4} Amelie A.

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Diurnal Variation of Ocular Hysteresis, Corneal Thickness, and Intraocular Pressure by Meixiao Shen,^{1,2}

Jianhua Wang,³ Jia Qu,^{1,2} Suzhong Xu,^{1,2} Xiaoxing Wang,^{1,2} Haizhen Fang, and Fan Lu^{1,2}

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