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## Published Manuscripts

2011 - 2015

***Immune Recovery Uveitis in a Patient with Previously Undiagnosed Cytomegalovirus Retinitis*** by Carlos M. Rangel, Angélica M. Prada, Clara Varon, and Jesus Merayo-Llives  
Instituto Universitario, Fernández-Vega, Universidad de Oviedo, Oviedo, Spain  
*British Medical Journal Case Reports* Nov 3, 2015; pii: bcr2015212095 2015; DOI: 10.1136/bcr-2015-212095; PMID: 26531739

***Loss of Visual Acuity after Successful Surgery for Macula-On Rhegmatogenous Retinal Detachment in a Prospective Multicentre Study*** by Salvatore Di Lauro,<sup>1,2</sup> Melissa Castrejón,<sup>1</sup> Itziar Fernández,<sup>2,1</sup> Jimena Rojas,<sup>1</sup> Rosa M. Coco,<sup>1</sup> María R. Sanabria,<sup>1,3</sup> Enrique Rodríguez de la Rúa,<sup>4</sup> and J. Carlos Pastor<sup>1,5,2</sup>

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*Journal of Ophthalmology* 2015;2015:821864; DOI: 10.1155/2015/821864; PMID: 26640704

***Safety and Biocompatibility of a New High-Density Polyethylene-Based Spherical Integrated Porous Orbital Implant: An Experimental Study in Rabbits*** by Ivan Fernandez-Bueno,<sup>1,2</sup> Salvatore Di Lauro,<sup>3,1</sup> Ivan Alvarez,<sup>4</sup> Jose Carlos Lopez,<sup>1</sup> Maria Teresa Garcia-Gutierrez,<sup>1</sup> Itziar Fernandez,<sup>5,1</sup> Eva Larra,<sup>4</sup> and Jose Carlos Pastor<sup>1,3</sup>

<sup>1</sup>Instituto Universitario de Oftalmobiología Aplicada (IOBA), University of Valladolid, Valladolid, Spain; <sup>2</sup>Centro en Red de Medicina Regenerativa y Terapia Celular de Castilla y León, Valladolid, Spain; <sup>3</sup>Department of Ophthalmology, Hospital Clinico Universitario, Valladolid, Spain; <sup>4</sup>AJL Ophthalmic S.A., Vitoria, Spain; <sup>5</sup>CIBER de Bioingeniería, Biomateriales y Nanomedicina (CIBER-BBN), Valladolid, Spain  
*Journal of Ophthalmology* 2015;2015:904096; DOI: 10.1155/2015/904096; PMID: 26689343

***Stem Cell Therapy for Corneal Epithelium Regeneration Following Good Manufacturing and Clinical Procedures*** by Beatriz E. Ramírez,<sup>1</sup> Ana Sánchez,<sup>2</sup> José M. Herreras,<sup>1,3</sup> Itziar Fernández,<sup>3,1</sup> Javier García-Sancho,<sup>2</sup> Teresa Nieto-Miguel,<sup>2,1</sup> and Margarita Calonge<sup>1,3</sup>

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*BioMed Research International* 2015:408495, 2015; DOI: 10.1155/2015/408495; PMID: 26451369

***Insulin Resistance is a Risk Factor for Increased Intraocular Pressure: The Hisayama Study*** by Kota Fujiwara,<sup>1,3</sup> Miho Yasuda,<sup>2</sup> Toshiharu Ninomiya,<sup>1,4,5</sup> Jun Hata,<sup>1,4,5</sup> Sawako Hashimoto,<sup>1,2</sup> Takeshi Yoshitomi,<sup>3</sup> Yutaka Kiyohara,<sup>1</sup> and Tatsuro Ishibashi<sup>2</sup>

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*Investigative Ophthalmology and Visual Science* 56(13):7983-7987, 2015; DOI: 10.1167/iovs.15-16766; PMID: 26720445

***Expression of 5-Hydroxytryptamine Receptors in Human Urinary Bladders with Benign Prostatic Hyperplasia*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1</sup> Teruyuki Ogawa,<sup>2</sup> Tomonori Minagawa,<sup>2</sup> Masakuni Ishikawa,<sup>2</sup> Shiro Hiragata,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Masaki Nakazawa,<sup>2</sup> Yoshiki Kurizaki,<sup>2</sup> and Osamu Nishizawa<sup>1</sup>

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*Advances in Therapy* 32(Suppl 1):29-37, 2015; DOI: 10.1007/s12325-015-0242-0; PMID: 26391373

***Corneal Confocal Microscopy in Dry Eye Treated with Corticosteroids*** by Edoardo Villani,<sup>1,2</sup> Elena Garoli,<sup>1,3</sup> Vittoria Termine, Francesco Pichi, Roberto Ratiglia,<sup>1,3</sup> and Paolo Nucci<sup>1,2</sup>

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*Optometry & Vision Science* 92(9):e290-295, 2015, 2015; DOI: 10.1097/OPX.0000000000000600; PMID: 25909241

***Role of Systemic Anti-Tumor Necrosis Factor Alpha Treatment in the Reduction of Proliferative Vitreoretinopathy*** by Laura Jimeno Anaya,<sup>1</sup> Marta Fernandez,<sup>2</sup> Alfredo Garcia Layana,<sup>3</sup> Lior Lipski,<sup>4</sup> Anat Loewenestein,<sup>4</sup> Amândio Rocha-Sousa,<sup>5</sup> Alfredo Adan,<sup>6</sup> and Marina Mesquida,<sup>6</sup> Jose María Ruiz, Iván Fernández-Bueno,<sup>1</sup> Maria Rosa Sanabria,<sup>1</sup> and Jose Carlos Pastor<sup>1</sup>

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*Journal of Clinical and Experimental Ophthalmology* 6:464, 2015; DOI: 10.4172/2155-9570.1000464

***Lamina Cribrosa Depth Variation Measured by Spectral-Domain Optical Coherence Tomography Within and Between Four Glaucomatous Optic Disc Phenotypes*** by Yu Sawada,<sup>1</sup> Masanori Hangai,<sup>2</sup> Katsuyuki Murata,<sup>3</sup> and Takeshi Yoshitomi<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 56(10):5777-5784, 2015; DOI: 10.1167/iovs.14-15942; PMID: 26325416

***Three-Dimensional Morphometric Analysis of the Iris by Swept-Source Anterior Segment Optical Coherence Tomography in a Caucasian Population*** by Alessandro Invernizzi,<sup>1,2</sup> Piero Giardini,<sup>1</sup> Mario Cigada,<sup>1</sup> Francesco Viola,<sup>2</sup> and Giovanni Staurenghi<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 56(8):4796-47801, 2015; DOI: 10.1167/iovs.15-16483; PMID: 26218907

***Development of an Elderly Low Vision Quality of Life Questionnaire for Less-developed Areas of China*** by Xiaoman Li,<sup>1,2</sup> Jie Chen,<sup>1,2</sup> Gengui Xu,<sup>1,2</sup> Longfei Jang,<sup>1,2</sup> Li Lin,<sup>1,2</sup> and Fan Lu<sup>1,2</sup>

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*Quality of Life Research* 24(10): 2403-2413, 2015; DOI: 10.1007/s11136-015-0970-2; PMID: 26174361

***Combining Measurements from Three Anatomical Areas for Glaucoma Diagnosis using Fourier-Domain Optical Coherence Tomography*** by Nils Loewen,<sup>1</sup> Xinbo Zhang,<sup>2</sup> Ou Tan,<sup>2</sup> Brian A. Francis,<sup>3</sup> David S. Greenfield,<sup>4</sup> Joel S. Schuman,<sup>1</sup> Rohit Varma,<sup>5</sup> David Huang,<sup>2</sup> and the Advanced Imaging for Glaucoma Study Group

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*British Journal of Ophthalmology* 99(9):1224-1229, 2015; DOI: 10.1136/bjophthalmol-2014-305907; PMID: 25795917

***Gene Expression-based Predictive Models of Graft versus Host Disease-Associated Dry Eye*** by L. Cocho,<sup>1</sup> I. Fernández,<sup>2,1</sup> M. Calonge,<sup>1,2</sup> V. Martínez,<sup>1</sup> M. J. González-García,<sup>1,2</sup> D. Caballero,<sup>3</sup> L. López-Corral,<sup>3</sup> M. E. Stern,<sup>4</sup> and A. Enríquez-de-Salamanca<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 56(8):4570-4581, 2015; DOI: 10.1167/iovs.15-16736; PMID: 26200497

***Daily Injection but not Continuous Infusion of Apomorphine Inhibits Form-Deprivation Myopia in Mice*** by Tingting Yan,<sup>1,2</sup> Weiwei Xiong,<sup>1,2</sup> Furong Huang,<sup>1,2</sup> Fan Zheng,<sup>1,2</sup> Huangfang Ying,<sup>1,2</sup> Jiang-Fan Chen,<sup>1,3</sup> Jia Qu,<sup>1,2</sup> and Xiangtian Zhou<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 56(4):2475-2485, 2015; DOI: 10.1167/iovs.13-12361; PMID: 25744977

***Tissue Reaction After Intrastromal Corneal Ring Implantation in an Experimental Animal Model*** by Lucía Ibares-Frías,<sup>1,2,3</sup> Patricia Gallego,<sup>1,4</sup> Roberto Cantalapiedra-Rodríguez,<sup>3</sup> María Cruz Valsero,<sup>5</sup> Jesús Merayo-Lloves,<sup>6</sup> and María Carmen Martínez-García<sup>1,4</sup>

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*Graefe's Archive for Clinical and Experimental Ophthalmology* 253(7):1071-1083, 2015; DOI: 10.1007/s00417-015-2959-5; PMID: 25744328

***Engineered Bone Marrow-derived Cell Sheets Restore Structure and Function of Radiation-Injured Rat Urinary Bladders*** by Tetsuya Imamura,<sup>1</sup> Teruyuki Ogawa,<sup>2</sup> Tomonori Minagawa,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Masaki Nakazawa,<sup>2</sup> Osamu Nishizawa,<sup>1,2</sup> and Osamu Ishizuka<sup>1,2</sup>

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*Tissue Engineering Part A* 21(9-10):1600-1610, 2015; DOI: 10.1089/ten.TEA.2014.0592; PMID: 25669695

***Optic Nerve Head Tubercular Granuloma Successfully Treated with Anti-VEGF Intravitreal Injections in Addition to Systemic Therapy*** by Alessandro Invernizzi,<sup>1,2</sup> Fabio Franzetti,<sup>3</sup> Francesco Viola,<sup>2</sup> Luca Meroni,<sup>3</sup> and Giovanni Staurenghi<sup>1</sup>

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*European Journal of Ophthalmology* 25(3):270-272, 2015; DOI: 10.5301/ejo.5000528; PMID: 25363855

***Alpha<sub>1</sub>-adrenergic Receptors Mediate Bladder Overactivity Induced by Cold Stress in Rats with Bladder Outlet Obstruction*** by Takahiro Yamagishi,<sup>1</sup> Osamu Ishizuka,<sup>1</sup> Tetsuya Imamura,<sup>2</sup> Hitoshi Yokoyama,<sup>1</sup> Teruyuki Ogawa,<sup>1</sup> Yoshiki Kurizaki,<sup>1</sup> Osamu Nishizawa,<sup>1</sup> and Karl-Erik Andersson<sup>3</sup>

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*Neurourology and Urodynamics*, 34(3):280-285, 2015; DOI: 10.1002/nau.22543; PMID: 24375712

***Relationships Among Clinical Ketosis, Serum Metabolites, Body Condition and Reproductive Outcomes in Dairy Cows*** by Eun-Kyung Shin,<sup>1</sup> Jae-Kwan Jeong,<sup>1</sup> In-Soo Choi,<sup>1</sup> Hyun-Gu Kang,<sup>1</sup> Tai-Young Hur,<sup>2</sup> Young-Hun Jung,<sup>2</sup> and Ill-Hwa Kim<sup>1</sup>

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*Theriogenology* 84(2):252-260, 2015; DOI: 10.1016/j.theriogenology.2015.03.014; PMID: 25872806

***Macular Thickness Profiles of Intraretinal Layers in Myopia Evaluated by Ultrahigh-Resolution Optical Coherence Tomography*** by Xinting Liu, Meixiao Shen, Yimin Yuan, Shenghai Huang, Dexi Zhu, Qingkai Ma, Xinjie Ye, and Fan Lu

School of Ophthalmology and Optometry, Wenzhou Medical University, Wenzhou, Zhejiang, China  
*American Journal of Ophthalmology* 160(1):53-61.e2, 2015; DOI: 10.1016/j.ajo.2015.03.012; PMID: 25800454

***Presumed Latent Ocular Tuberculosis Diagnosed with the Positive Quantiferon-TB Gold In-Tube Test in a HLA-A29-Positive Patient*** by Carlos M. Rangel,<sup>1,2</sup> Cesar Atencia,<sup>1,3</sup> Jose Merayo-Llolves,<sup>1</sup> and A. Fernandez-Vega Sanz<sup>1</sup>

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British Medical Journal (BMJ) Case Reports 2015, pii: bcr2015210206; DOI: 10.1136/bcr-2015-210206; PMID: 26045521

***The Impact of Flap Creation Methods for Sub-Bowman's Keratomileusis (SBK) on the Central Thickness of Bowman's Layer*** by Zhe Xu,<sup>1</sup> Meixiao Shen,<sup>1</sup> Liang Hu,<sup>1</sup> Xiran Zhuang,<sup>1</sup> Mei Peng,<sup>1</sup> Jing Liu,<sup>1</sup> Jianhua Wang,<sup>2</sup> Jia Qu,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Public Library of Science One (PLoSOne)* 10(5):e0124996, 2015; DOI: 10.1371/journal.pone.0124996; PMID: 25938492

***Interface Quality of Different Corneal Lamellar-cut Depths for Femtosecond Laser-assisted Lamellar Anterior Keratoplasty*** by Chenxing Zhang, Matthew Bald, Maolong Tang, Yan Li, and David Huang

Center for Ophthalmic Optics & Lasers (www.COOLLab.net), Casey Eye Institute and Department of Ophthalmology; Oregon Health & Science University; Portland, OR, USA  
*Journal of Cataract and Refractive Surgery* 41(4):827-835, 2015; DOI: 10.1016/j.jcrs.2014.08.031; PMID: 25747165

***Viral Etiology of Chronic Obstructive Pulmonary Disease Exacerbations During the A/H1N1pdm09 Pandemic and Postpandemic Period*** by Ivan Sanz,<sup>1,2</sup> Sonia Tamames,<sup>3</sup> Silvia Rojo,<sup>1,2</sup> Mar Justel,<sup>2</sup> José Eugenio Lozano,<sup>3</sup> Carlos Disdier,<sup>4</sup> Tomás Vega,<sup>3</sup> and Raúl Ortiz de Lejarazu<sup>1,2</sup>

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*Advances in Virology* 2015; 2015:560679; DOI: 10.1155/2015/560679; PMID: 26064118

***Structure and Function of the Interphotoreceptor Matrix Surrounding Retinal Photoreceptor Cells*** by Makoto Ishikawa, Yu Sawada, Takeshi Yoshitomi

Department of Ophthalmology, Akita University School of Medicine, Akita, Japan  
*Experimental Eye Research* 133:3-18, 2015; DOI: 10.1016/j.exer.2015.02.017; PMID: 25819450

***Pathways Involving Beta-3 Adrenergic Receptors Modulate Cold Stress-Induced Detrusor Overactivity in Conscious Rats*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> Teruyuki Ogawa,<sup>2</sup> Takahiro Yamagishi,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Tomonori Minagawa,<sup>2</sup> Masaki Nakazawa,<sup>2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Lower Urinary Tract Symptoms* 7(1):50-55, 2015; DOI: 10.1111/luts.12050; PMID:

***Correlation among Lens Opacities Classification System III Grading, Visual Function Index-14, Pentacam Nucleus Staging, and Objective Scatter Index for Cataract Assessment*** by An-Peng Pan, Qin-Mei Wang, Fang Huang, Jin-Hai Huang, Fang-Jun Bao, and A-Yong Yu

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*American Journal of Ophthalmology* 159(2):241-247.e2, 2015; DOI: 10.1016/j.ajo.2014.10.025; PMID: 25448993

***Choroidal Granulomas Visualized by Enhanced Depth Imaging Optical Coherence Tomography*** by Alessandro Invernizzi,<sup>1,2</sup> Chiara Mapelli,<sup>1</sup> Francesco Viola,<sup>1</sup> Mario Cigada,<sup>2</sup> Luca Cimino,<sup>3</sup> Roberto Ratiglia,<sup>1</sup> Giovanni Staurenghi,<sup>2</sup> and Amod Gupta<sup>4</sup>

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*Retina* 35(3):525-531, 2015; DOI: 10.1097/IAE.0000000000000312; PMID: 25105317

***In Vivo Confocal Microscopy Assessment of the Corneoscleral Limbal Stem Cell Niche Before and After Biopsy for Cultivated Limbal Epithelial Transplantation to Restore Corneal Epithelium*** by Beatriz E. Ramírez,<sup>1</sup> Darío A. Victoria,<sup>1</sup> Giovana M. Murillo,<sup>1</sup> José M. Herreras,<sup>1,2</sup> and Margarita Calonge<sup>1,2</sup>

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*Histology and Histopathology* 30(2):183-192, 2015; PMID: 25075515

***Pathways Involving Beta-3 Adrenergic Receptors Modulate Cold Stress-induced Detrusor Overactivity in Conscious Rats*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> Teruyuki Ogawa,<sup>2</sup> Takahiro Yamagishi,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Tomonori Minagawa,<sup>2</sup> Masaki Nakazawa,<sup>2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Lower Urinary Tract Symptoms* 7(1):50-55, 2015; DOI: 10.1111/luts.12050

***Vertical Transmission of Bacterial Eye Infections, Angola, 2011–2012*** by Mar Justel,<sup>1</sup> Isabel Alexandre,<sup>2,3</sup> Prudencio Martínez,<sup>1</sup> Iván Sanz,<sup>1</sup> Ana Rodriguez,<sup>1</sup> Itziar Fernandez,<sup>4,5</sup> José Carlos Pastor,<sup>5,6</sup> and Raúl Ortiz de Lejarazu<sup>1</sup>

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*Emerging Infectious Diseases* 21(3): 471-473, 2015; DOI: 10.3201/eid2103.140312; PMID: 25695394

***Dual-Angle Protocol for Doppler Optical Coherence Tomography to Improve Retinal Blood Flow Measurement*** by Ou Tan,<sup>1</sup> Ranjith Konduru,<sup>2</sup> Xinbo Zhang,<sup>1</sup> Srinivas R. Sadda,<sup>2</sup> and David Huang<sup>1</sup>

<sup>1</sup>Casey Eye Institute, Oregon Health and Science University, Portland, OR, USA; <sup>2</sup>Doheny Eye Institute, Los Angeles, CA, USA  
*Translational Vision Science & Technology* 3, 6, 2014; DOI: 10.1167/tvst.3.4.6

***Design and Characterization of an Ocular Topical Liposomal Preparation to Replenish the Lipids of the Tear Film*** by Marta Vicario-de-la-Torre,<sup>1</sup> José Manuel Benítez-del-Castillo,<sup>2</sup> Eva Vico,<sup>2</sup> Manuel Guzmán,<sup>3</sup> Beatriz de-las-Heras,<sup>4</sup> Rocío Herrero-Vanrell,<sup>1</sup> and Irene T. Molina-Martínez<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 55(12):7839-7847, 2014; DOI: 10.1167/iovs.14-14700; PMID: 25377221

***Effects of Dopaminergic Agents on Progression of Naturally Occurring Myopia in Albino Guinea Pigs (Cavia porcellus)*** by Liqin Jiang,<sup>1</sup> Keli Long,<sup>1</sup> Frank Schaeffel,<sup>2</sup> Xiangtian Zhou,<sup>3</sup> Yibo Zheng,<sup>4</sup> Huangfang Ying,<sup>4</sup> Fan Lu,<sup>5</sup> William K. Stell,<sup>6</sup> and Jia Qu<sup>7</sup>

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*Investigative Ophthalmology and Visual Science* 55(11):7508-7519, 2014; DOI: 10.1167/iovs.14-14294; PMID: 25270191

***Advanced Imaging for Glaucoma Study: Design, Baseline Characteristics, and Inter-site Comparison*** by Phuc V Le,<sup>1</sup> Xinbo Zhang,<sup>2</sup> Brian A. Francis,<sup>1</sup> Rohit Varma,<sup>3</sup> David S. Greenfield,<sup>4</sup> Joel S. Schuman,<sup>5</sup> Nils Loewen,<sup>5</sup> David Huang,<sup>2</sup> for the Advanced Imaging for Glaucoma Study Group

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*American Journal of Ophthalmology* 159(2):393-403.e2, 2014; DOI: 10.1016/j.ajo.2014.11.010; PMID: 25447111

***Expression of Cytokines, Growth Factors and Apoptosis-related Signal Molecules in Chronic Pressure Ulcer Wounds Healing*** by L. Jiang, Y. Dai, F. Cui, Y. Pan, H. Zhang, J. Xiao, and F. U. Xiaobing

School of Nursing, Wenzhou Medical College, Zhejiang Province, P. R. China

*Spinal Cord* 52(2):145-151, 2014; DOI:10.1038/sc.2013.132; PMID: 24296807

***Implantation of Autologous Adipose-derived Cells Reconstructs Functional Urethral Sphincters in Rabbit Cryoinjured Urethra*** by Sudha Silwal Gautam, Tetsuya Imamura, Osamu Isuzuka, Zhang Lei, Takahiro Yamagishi, Hitoshi Yokohama, Tomonori Minagawa, Teruyuki Ogawa, Yoshiki Kurazaki, Haruaki Kato, and Osamu Nishizawa

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*Tissue Engineering Part A* 20(13-14):1971-1979, 2014; DOI: 10.1089/ten.tea.2013.0491; PMID: 24568564

**Hybrid Formulations of Liposomes and Bioadhesive Polymers Improve the Hypotensive Effect of the Melatonin Analogue 5-MCA-NAT in Rabbit Eyes** by Daniela Quinteros,<sup>1</sup> Marta Vicario-de-la-Torre,<sup>2</sup> Vanessa Andrés-Guerrero,<sup>2</sup> Santiago Palma,<sup>1</sup> Daniel Allemandi,<sup>1</sup> Rocío Herrero-Vanrell,<sup>2</sup> and Irene T. Molina-Martínez<sup>2</sup>

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*Public Library of Science One (PLoS One)* 9(10):e110344, 2014; DOI: 10.1371/journal.pone.0110344; PMID: 25329636

**Chapter 11: Nanomedicines for Ocular Administration** by Yolanda Diebold

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*Handbook of Nanobiomedical Research: Fundamentals, Applications and Recent Developments (Vol 3)*, Vladimir Torchilin (Ed.), 2014, ISBN: 978-981-4520-64-5, World Scientific Publishing Company, DOI: 10.1142/9789814520652\_0028

**Inflammatory Cytokine Concentrations in Uterine Flush and Serum Samples from Dairy Cows with Clinical or Subclinical Endometritis** by Ill-Hwa Kim,<sup>1</sup> Hyun-Gu Kang,<sup>1</sup> Jae-Kwan Jeong,<sup>1</sup> Tai-Young Hur,<sup>2</sup> and Young-Hun Jung<sup>2</sup>

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*Theriogenology* 82(3):427–432, 2014; DOI: 10.1016/j.theriogenology.2014.04.022; PMID: 24933095

**CD44 and RHAMM Hyaluronan Receptors in Human Ocular Surface Inflammation** by Laura García-Posadas,<sup>1,2</sup> Laura Contreras-Ruiz,<sup>1,2</sup> Isabel Arranz-Valsero,<sup>1,2</sup> Antonio López-García,<sup>1,2</sup> Margarita Calonge,<sup>1,2</sup> and Yolanda Diebold<sup>1,2</sup>

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*Graefe's Archive for Clinical and Experimental Ophthalmology* 252(8):1289-1295, 2014; DOI: 10.1007/s00417-014-2686-3; PMID: 24916930

**Muscarinic Receptors Mediate Cold Stress-induced Detrusor Overactivity in Type 2 Diabetes Mellitus Rats** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> Takahiro Yamagishi,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Teruyuki Ogawa,<sup>2</sup> Gautam Silwal Sudha,<sup>1</sup> Zhang Lei,<sup>2</sup> Yoshiki Kurizaki,<sup>2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*International Journal of Urology* 21(10):1051-1058, 2014; DOI: 10.1111/iju.12475; PMID: 24807830

**Automatic Biometry of the Anterior Segment During Accommodation Imaged by Optical Coherence Tomography** by Dexi Zhu,<sup>1</sup> Yilei Shao,<sup>1</sup> Lin Leng,<sup>1</sup> Zhe Xu,<sup>1</sup> Jianhua Wang,<sup>2,3</sup> Fan Lu,<sup>1</sup> and Meixiao Shen<sup>1</sup>

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*Eye & Contact Lens* 40(4): 232-238, 2014; DOI: 10.1097/ICL.000000000000043; PMID: 24901975



***Optical Coherence Tomography Angiography of Optic Nerve Head and Parafovea in Multiple Sclerosis*** by Xiaogang Wang,<sup>1,2</sup> Yali Jia,<sup>1</sup> Rebecca Spain,<sup>3</sup> Benjamin Potsaid,<sup>4</sup> Jonathan J. Liu,<sup>4</sup> Bernhard Baumann,<sup>4</sup> Joachim Hornegger,<sup>5</sup> James G Fujimoto,<sup>4</sup> Qiang Wu,<sup>2</sup> and David Huang<sup>1</sup>

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*British Journal of Ophthalmology* 98(10):1368-1373, 2014; DOI: 10.1136/bjophthalmol-2013-304547; PMID: 24831719

***Proposed Lexicon for Anatomic Landmarks in Normal Posterior Segment Spectral-Domain Optical Coherence Tomography*** by Giovanni Staurengi,<sup>1</sup> Srinivas Sadda,<sup>2</sup> Usha Chakravarthy,<sup>3</sup> Richard F. Spaide,<sup>4</sup> and the International Nomenclature for Optical Coherence Tomography (IN•OCT) Panel

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*Ophthalmology* 121(8):1572–1578, 2014; DOI: 10.1016/j.ophtha.2014.02.023; PMID: 24755005

***Tear Menisci after Laser In Situ Keratomileusis with Mechanical Microkeratome and Femtosecond Laser*** by Wenjia Xie,<sup>1</sup> Dong Zhang,<sup>1</sup> Jia Chen,<sup>2</sup> Jing Liu,<sup>1</sup> Ye Yu,<sup>1</sup> and Liang Hu<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 55(9):5806-5812, 2014; DOI: 10.1167/iovs.13-13669; PMID: 25146992

***Integrin-linked Kinase Regulates Tubular Aquaporin-2 Content and Intracellular Location: A Link Between Extracellular Matrix and Water Reabsorption*** by Jose Luis Cano-Peñalver,<sup>1</sup> Mercedes Griera,<sup>1</sup> Isabel Serrano,<sup>3</sup> Diego Rodríguez-Puyol,<sup>2</sup> Shoukat Dedhar,<sup>3</sup> Sergio de Frutos,<sup>1</sup> and Manuel Rodríguez-Puyol<sup>1</sup>

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*FASEB Journal* 28(8):3645-59, 2014; DOI: 10.1096/fj.13-249250; PMID: 24784577

***Corneal Reshaping and Wavefront Aberrations During Overnight Orthokeratology*** by Yan Lian,<sup>1</sup> Meixiao Shen,<sup>1</sup> Shenghai Huang,<sup>1</sup> Yimin Yuan,<sup>1</sup> Yaozheng Wang,<sup>1</sup> Dexi Zhu,<sup>1</sup> Jun Jiang,<sup>1</sup> Xinjie Mao,<sup>1</sup> Jianhua Wang,<sup>2</sup> and Fan Lu<sup>1</sup>

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*Eye & Contact Lens* 40(3):161-168, 2014; DOI: 10.1097/ICL.000000000000031; PMID: 24681612

***Quantitative Optical Coherence Tomography Angiography of Choroidal Neovascularization in Age-Related Macular Degeneration*** by Yali Jia,<sup>1</sup> Steven Bailey,<sup>1</sup> David Wilson,<sup>1</sup> Ou Tan,<sup>1</sup> Michael Klein,<sup>1</sup> Christina Flaxel,<sup>1</sup> Benjamin Postaid,<sup>2,3</sup> Jonathan Liu,<sup>2</sup> Chen Lu,<sup>2</sup> Martin F. Kraus,<sup>2,4</sup> James G. Fujimoto,<sup>2</sup> David Huang<sup>1</sup>

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*Ophthalmology* 121(7):1435–1444, 2014; DOI: 10.1016/j.ophtha.2014.01.034; PMID: 24679442

***Optical Coherence Tomography Angiography of Optic Disc Perfusion in Glaucoma*** by Yali Jia,<sup>1</sup> Eric Wei,<sup>1</sup> Xiaogang Wang,<sup>1</sup> Xinbo Zhang,<sup>1</sup> John C. Morrison,<sup>1</sup> Mansi Parikh,<sup>1</sup> Lori H. Lombardi,<sup>1</sup> Devin M. Gattey,<sup>1</sup> Rebecca L. Armour,<sup>1</sup> Beth Edmunds,<sup>1</sup> Martin F. Kraus,<sup>2,3</sup> James G. Fujimoto,<sup>3</sup> and David Huang<sup>1</sup>

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*Ophthalmology* 121(7):1322–1332, 2014; DOI: 10.1016/j.ophtha.2014.01.021; PMID: 24629312

***Multimodal Imaging in Deferoxamine Retinopathy*** by Francesco Viola,<sup>1</sup> Giulio Barteselli, Laura Dell’Arti, Diego Vezzola, Chiara Mapelli, Edoardo Villani, and Roberto Ratiglia

University of Milan, U. O. Oculistica, Fondazione IRCCS Ca’ Granda, Ospedale Maggiore Policlinico, Dipartimento Scienze Cliniche e di Comunità, Milan, Italy  
*Retina* 34(7):1428-1438, 2014; DOI: 10.1097/IAE.000000000000073; PMID: 24378427

***Neuroendocrine Differentiation Is a Prognostic Factor for Stage II Poorly Differentiated Colorectal Cancer*** by Yue Liu,<sup>1</sup> Jinghong Xu,<sup>2</sup> Yurong Jiao,<sup>3</sup> Yeting Hu,<sup>1</sup> Chenghao Yi,<sup>1</sup> Qiong Li,<sup>1</sup> Zhou Tong,<sup>3</sup> Xiaowei Wang,<sup>3</sup> Lifeng Hu,<sup>1</sup> Qian Xiao,<sup>1</sup> Jun Li,<sup>3</sup> and Kefeng Ding<sup>3</sup>

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*BioMed Research International*, 2014; Article ID 789575; DOI: 10.1155/2014/789575; PMID: 25093184

***Agreement of Corneal Epithelial Profiles Produced by Automated Segmentation of SD-OCT Images Having Different Optical Resolutions*** by Meixiao Shen,<sup>1</sup> Zhe Xu,<sup>1</sup> Chun Yang,<sup>1</sup> Lin Leng,<sup>1</sup> Jing Liu,<sup>1</sup> Qi Chen,<sup>1</sup> Jianhua Wang,<sup>2</sup> and Fan Lu<sup>1</sup>

<sup>1</sup>School of Ophthalmology and Optometry, Wenzhou Medical University, Wenzhou, Zhejiang, China; <sup>2</sup>Department of Ophthalmology, Bascom Palmer Eye Institute, University of Miami, Miami, FL, USA  
*Eye & Contact Lens* 40(2):99-105 2014; DOI: 10.1097/ICL.000000000000017; PMID: 24492238

***BEX1 Promotes Imatinib-Induced Apoptosis by Binding To and Antagonizing BCL-2*** by Qian Xiao,<sup>1,2</sup> Yeting Hu,<sup>1,2</sup> Yue Liu,<sup>1,2</sup> Zhanhuai Wang,<sup>1,2</sup> Haitao Geng,<sup>1,2</sup> Lifeng Hu,<sup>1,2</sup> Dengyong Xu,<sup>1,2</sup> Ke Wang,<sup>1,2</sup> Lei Zheng,<sup>3,2</sup> Shu Zheng,<sup>1,2</sup> and Kefeng Ding<sup>1,2</sup>

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*Public Library of Science One* 9(3):e91782, 2014; DOI: 10.1371/journal.pone.0091782; PMID: 24626299

***Repeatability and Reproducibility of Eight Macular Intra-Retinal Layer Thicknesses Determined by an Automated Segmentation Algorithm Using Two SD-OCT Instruments*** by Xinting Liu, Meixiao Shen, Shenghai Huang, Lin Leng, Dexi Zhu, and Fan Lu

School of Ophthalmology and Optometry, Wenzhou Medical University, Wenzhou, Zhejiang, China  
*Public Library of Science One* 9(2):e87996, 2014; DOI: 10.1371/journal.pone.0087996; PMID: 24505345

***Fluid Dynamic Forces Created by Rotary Orbital Suspension Culture Promote Cardiomyogenic Differentiation of Human Embryonic Stem Cells*** by Akimi Mogi, Hisashi Shimizu, Susumu Yoshie, Daihachiro Tomotsune, and Katsunori Sasaki

Department of Histology and Embryology, Shinshu University School of Medicine, Matsumoto, Japan  
*Journal of Medical and Biological Engineering* 34(2):101-108, 2014; DOI: 10.5405/jmbe.1356

***Combining Information From 3 Anatomic Regions in the Diagnosis of Glaucoma With Time-Domain Optical Coherence Tomography*** by Mingwu Wang,<sup>1</sup> Ake Tzu-Hui Lu,<sup>2</sup> Rohit Varma,<sup>2</sup> Joel S. Schuman,<sup>3</sup> David S. Greenfield,<sup>4</sup> David Huang,<sup>2</sup> and Advanced Imaging for Glaucoma Study Group<sup>5</sup>

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*Journal of Glaucoma* 23(3):129-135, 2014; DOI: 10.1097/IJG.0b013e318264b941; PMID: 22828002

***The Value of Simple Microbiological Studies for On-Site Screening of Acute Neonatal Conjunctivitis in Angola*** by Isabel Alexandre,<sup>1,2</sup> Nestor Cortes,<sup>3</sup> Mar Justel,<sup>4</sup> Itziar Fernández,<sup>5,6</sup> Raul Ortíz de Lejarazu,<sup>4</sup> and J. Carlos Pastor<sup>3,5</sup>

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*Journal of Ophthalmic Inflammation and Infection* 4(1):1, 2014; DOI: 10.1186/1869-5760-4-1; PMID: 24460893

***Intra- and Inter-day Variation of Cytokines and Chemokines in Tears of Healthy Subjects*** by María Jesús Benito,<sup>1</sup> María J. González-García,<sup>1,2</sup> Marisa Tesón,<sup>1</sup> Noelia García,<sup>1</sup> Itziar Fernández,<sup>1,2</sup> Margarita Calonge,<sup>1,2</sup> and Amalia Enríquez-de-Salamanca<sup>1,2</sup>

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*Experimental Eye Research* 120(3):43-49, 2014; DOI: 10.1016/j.exer.2013.12.017; PMID: 24412438

***In Vivo Confocal Microscopy of the Ocular Surface: From Bench to Bedside*** by Edoardo Villani,<sup>1</sup> Christophe Baudouin,<sup>2</sup> Nathan Efron,<sup>3</sup> Pedram Hamrah,<sup>4</sup> Takashi Kojima,<sup>5</sup> Sanjay V. Patel,<sup>6</sup> Stephen C. Pflugfelder,<sup>7</sup> Andrey Zhivov,<sup>8</sup> and Murat Dogru<sup>5</sup>

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*Current Eye Research* 39(3):213-231, 2014; DOI: 10.3109/02713683.2013.842592; PMID: 24215436

***Chapt 43: En face Angiography of the Retinal, Choroidal, and Optic Nerve Head Circulation with Ultrahigh Speed Optical Coherence Tomography*** by Yali Jia,<sup>1</sup> David Huang,<sup>1</sup> James G. Fujimoto,<sup>2</sup> Joachim Hornegger,<sup>3</sup> and Martin F. Kraus<sup>2,3</sup>

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Part III: Clinical *En Face* OCT Future Developments; Section 12: Future Developments in *En Face* Optical Coherence Tomography in *Clinical En Face OCT Atlas*; 2013; pp. 435 – 442; ISBN: 9789350902967; Eds. Bruno Lumbroso, David Huang, Andre Romano, Marco Rispoli, and Gabriel Coscas; Jaypee Brothers Medical Publishers (P) Ltd., New Delhi, India

***Deep Corneal Neovascularization in a Patient with an Intrastromal Ring Segment*** by Roberto Albertazzi, Leonardo Ferlini, Luciano Perrone, and Guillermo Rao

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*Journal of Cataract and Refractive Surgery* 1(2): e23–e25, 2013; DOI: 10.1016/j.jcro.2013.07.001

***In Vivo Confocal Evaluation of the Ocular Surface Morpho-Functional Unit in Dry Eye*** by Edoardo Villani, Fabrizio Magnani, Francesco Viola, Alessandro Santaniello, Raffaella Scorza, Paolo Nucci, and Roberto Ratiglia

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*Optometry and Vision Science* 90(6):576–586, 2013; DOI: 10.1097/OPX.0b013e318294c184; PMID: 23670123

***Optical Coherence Tomography-Based Corneal Power Measurement and Intraocular Lens Power Calculation Following LASER Vision Correction*** by David Huang,<sup>1</sup> Maolong Tang,<sup>1</sup> Li Wang,<sup>2</sup> Xinbo Zhang,<sup>1</sup> Rebecca L. Armour,<sup>1</sup> Devin M. Gattey,<sup>1</sup> Lorinna H. Lombardi,<sup>1</sup> and Douglas D. Koch<sup>2</sup>

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*Transactions of the American Ophthalmological Society* 111:34-45, 2013;  
[http://www.aonline.org/xactions/2013/1545-6110\\_v111\\_p034.pdf](http://www.aonline.org/xactions/2013/1545-6110_v111_p034.pdf)

***The Cornea in Classic Type Ehlers-Danlos Syndrome: Macro- and Micro-Structural Changes*** by Edoardo Villani,<sup>1,2,3</sup> Elena Garoli,<sup>1,3</sup> Alessandra Bassotti,<sup>4</sup> Fabrizio Magnani,<sup>1,3</sup> Laura Tresoldi,<sup>3</sup> Paolo Nucci,<sup>1,2</sup> and Roberto Ratiglia<sup>1,3</sup>

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*Investigative Ophthalmology and Visual Science* 54(13):8062-8068, 2013; DOI: 10.1167/iovs.13-12837; PMID: 24168998

***Fully Automated Biometry of In Situ Intraocular Lenses Using Long Scan Depth Spectral-Domain Optical Coherence Tomography*** by Qi Chen,<sup>1</sup> Lin Leng,<sup>1</sup> Dexi Zhu,<sup>1</sup> Yilei Shao,<sup>1</sup> Jianhua Wang,<sup>2</sup> Fan Lu,<sup>1</sup> and Meixiao Shen<sup>1</sup>

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*Eye & Contact Lens* 40(1):37-45, 2013; DOI: 10.1097/ICL.0000000000000005; PMID: 24335453

***A New Human Primary Epithelial Cell Culture Model to Study Conjunctival Inflammation*** by Laura García-Posadas,<sup>1,2</sup> Isabel Arranz-Valsero,<sup>1,2</sup> Antonio López-García,<sup>1,2</sup> Laura Soriano-Romaní,<sup>1,2</sup> and Yolanda Diebold<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 54(10):7143-7152, 2013; DOI: 10.1167/iovs.13-12866; PMID: 24106119

***FGF7 and Cell Density are Required for Final Differentiation of Pancreatic Amylase-positive Cells from Human ES Cells*** by Sakiko Takizawa-Shirasawa, Susumu Yoshie, Fengming Yue, Akimi Mogi, Tadayuki Yokoyama, Daihachiro Tomotsune, and Katsunori Sasaki

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*Cell and Tissue Research* 354(3):751-759, 2013; DOI: 10.1007/s00441-013-1695-6; PMID: 23996199

***Anterior Chamber Angle Measurements Using Schwalbe's Line with High Resolution Fourier-Domain Optical Coherence Tomography*** by Bing Qin,<sup>1,2</sup> Brian A. Francis,<sup>2</sup> Yan Li,<sup>2</sup> Maolong Tang,<sup>2</sup> Xinbo Zhang,<sup>2</sup> Chunhui Jiang,<sup>1,2</sup> Catherine Cleary,<sup>2</sup> and David Huang<sup>2</sup>

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*Journal of Glaucoma* 22(9):684-688, 2013; DOI: 10.1097/IJG.0b013e318264b921; PMID: 22827999

***Chitosan-Gelatin Biopolymers as Carrier Substrata for Limbal Epithelial Stem Cells*** by Ana de la Mata,<sup>1,2</sup> Teresa Nieto-Miguel,<sup>2,1</sup> Marina Lopez-Paniagua,<sup>1,2</sup> Sara Galindo,<sup>1,2</sup> Maria Rosa Aguilar,<sup>3,4</sup> Luis García-Fernández,<sup>3,4</sup> Blanca Vazquez,<sup>3,4</sup> Julio San Roman,<sup>3,4</sup> Rosa Maria Corrales,<sup>2,1</sup> and Margarita Calonge<sup>1,2</sup>

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*Journal of Materials Science: Materials in Medicine* 24(12):2819-2829, 2013; DOI: 10.1007/s10856-013-5013-3; PMID: 23892486

***Differential Expression and Localization of Transient Receptor Potential Vanilloid 1 in Rabbit and Human Eyes*** by Carmen Martinez-Garcia,<sup>1</sup> Tamara Martínez,<sup>2</sup> Covadonga Pañeda,<sup>2</sup> Patricia Gallego,<sup>1</sup> Ana I. Jimenez,<sup>2</sup> and Jesus Merayo<sup>3</sup>

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*Histology and Histopathology* 28(11):1507-1516, 2013; PMID: 23709255

***The Role of cGMP in Ocular Growth and the Development of Form-deprivation Myopia in Guinea Pigs*** by Fang Fang,<sup>1,2</sup> Miaozen Pan,<sup>1,2</sup> Tingting Yan,<sup>1,2</sup> Yijin Tao,<sup>1,2</sup> Hao Wu,<sup>1,2</sup> Jia Qu,<sup>1,2</sup> Xiangtian Zhou<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 54(13):7887-7902, 2013; DOI: 10.1167/iovs.13-11999; PMID: 24130184

***Phacoemulsification Induced Transient Swelling of Corneal Descemet's Endothelium Complex Imaged with Ultra-High Resolution Optical Coherence Tomography*** by Aizhu Tao,<sup>1</sup> Zhao Chen,<sup>1</sup> Yilei Shao,<sup>1</sup> Jianhua Wang,<sup>2</sup> Yune Zhao,<sup>1</sup> Ping Lu,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Public Library of Science One* 8(11):e80986, 2013; DOI: 10.1371/journal.pone.0080986

***In-vivo Confocal Microscopy of the Ocular Surface: Ocular Allergy and Dry Eye*** by Edoardo Villani, Flavio Mantelli, and Paolo Nucci

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*Current Opinion in Allergy and Clinical Immunology* 13(5):569-576, 2013; DOI: 10.1097/ACI.0b013e328364ec92

***Correlation between Bladder Mucosal Alpha-1D/Alpha-1A Adrenoceptor mRNA Ratio and Lower Urinary Tract Function in Benign Prostatic Obstruction Patients*** by Yoshiki Kurizaki, Osamu Ishizuka, Tetsuya Imamura, Midori Ichino, and Osamu Nishizawa

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*Lower Urinary Tract Symptoms* 5(2):60-64, 2013; DOI: 10.1111/j.1757-5672.2012.00164.x

***Ocular Anterior Segment Biometry and High-Order Wavefront Aberrations During Accommodation*** by Yimin Yuan,<sup>1</sup> Yilei Shao,<sup>1</sup> Aizhu Tao,<sup>1</sup> Meixiao Shen,<sup>1</sup> Jianhua Wang,<sup>2</sup> Guohua Shi,<sup>3</sup> Qi Chen,<sup>1</sup> Yan Lian,<sup>1</sup> Jia Qu,<sup>1</sup> Yudong Zhang,<sup>3</sup> and Fan Lu<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 54(10):7028-7037, 2013; DOI: 10.1167/iovs.13-11893; PMID: 24065809

***High Resolution OCT Quantitative Analysis of the Space Between the IOL and the Posterior Capsule During the Early Cataract Post-Operative Period*** by Aizhu Tao,<sup>1</sup> Ping Lu,<sup>1</sup> Jin Li,<sup>1</sup> Yilei Shao,<sup>1</sup> Jianhua Wang,<sup>2</sup> Meixiao Shen,<sup>1</sup> Yinying Zhao,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 54(10):6991-6997, 2013; DOI: 10.1167/iovs.13-12849

***In Vitro Simulation of Corneal Epithelium Microenvironment Induces a Corneal Epithelial-like Cell Phenotype from Human Adipose Tissue Mesenchymal Stem Cells*** by Teresa Nieto-Miguel,<sup>2,1</sup> Sara Galindo,<sup>1,2</sup> Roberto Reinoso,<sup>1,2</sup> Alfredo Corell,<sup>3,1,2</sup> Jose Antonio Pérez-Simón,<sup>4</sup> and Margarita Calonge<sup>1,2</sup>

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*Current Eye Research*, 38(9):933-944, 2013; DOI: 10.3109/02713683.2013.802809

***ILK Conditional Deletion in Adult Animals Increases Cyclic-GMP-Dependent Vasorelaxation*** by Isabel Serrano,<sup>1,3</sup> Sergio De Frutos,<sup>1,5</sup> Mercedes Griera,<sup>3,5</sup> Diana Medrano,<sup>1,5</sup> Manuel Rodríguez-Puyol,<sup>1,5</sup> Shoukat Dedhar,<sup>6</sup> Maria Piedad Ruiz-Torres,<sup>1,5</sup> and Diego Rodríguez-Puyol<sup>2,3,5</sup>

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*Cardiovascular Research* 99(3):535-544, 2013; DOI: 10.1093/cvr/cvt131

***External Validation of Existing Formulas to Predict the Risk of Developing Proliferative Vitreoretinopathy. The Retina 1 Project; Report 5*** by Anna Sala-Puigdollers,<sup>1,2</sup> Itziar Fernández,<sup>1,3</sup> Rosa M. Coco,<sup>1</sup> María R. Sanabria,<sup>1,4</sup> Enrique Rodríguez de la Rúa,<sup>5</sup> José María Ruiz-Moreno,<sup>6</sup> Amparo Navea,<sup>7</sup> Marta Suárez de Figueroa,<sup>8</sup> and J. Carlos Pastor<sup>1,2,3</sup>

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*Retina* 33(8):1519-1527, 2013. DOI: 10.1097/IAE.0b013e31828991ea

***Exome Sequencing Reveals CCDC111 Mutation Associated with High Myopia*** by Fuxin Zhao,<sup>1,2</sup> Jinyu Wu,<sup>3</sup> Anquan Xue,<sup>1,2</sup> Yanfeng Su,<sup>1,2</sup> Xiaojing Wang,<sup>1,2</sup> Xianmin Lu,<sup>1,2</sup> Zhonglou Zhou,<sup>1,2</sup> Jia Qu,<sup>1,2</sup> and Xiangtian Zhou<sup>1,2</sup>

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*Human Genetics* 132(8):913-921, 2013; DOI: 10.1007/s00439-013-1303-6

***Fatal Disseminated *Scedosporium prolificans* Infection Initiated by Ophthalmic Involvement in a Patient with Acute Myeloblastic Leukemia*** by Roberto Reinoso,<sup>1,2</sup> Ester Carreño,<sup>1</sup> Denise Hileeto,<sup>1</sup> Alfredo Corell,<sup>1,2,3</sup> J. Carlos Pastor,<sup>1</sup> Mónica Cabrero,<sup>4</sup> Lourdes Vázquez,<sup>4</sup> and Margarita Calonge<sup>1,2</sup>

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*Diagnostic Microbiology and Infectious Disease* 76(3):375-378, 2013; DOI: 10.1016/j.diagmicrobio.2013.03.006

***A Galenical Produced from Ba-Wei-Die-Huang-Wan (THC-002) Provides Resistance to the Cold Stress-induced Detrusor Overactivity in Conscious Rats*** by Tetsuya Imamura,<sup>1</sup> Gautam Silwal Sudha,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> Zhang Lei,<sup>2</sup> Tomoka Hosoda,<sup>2</sup> Wataru Noguchi,<sup>2</sup> Takahiro Yamagishi,<sup>2</sup> Hitoshi Yokoyama,<sup>2</sup> Yoshiki Kurizaki,<sup>2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Neuourology and Urodynamics* 32(5):486-492, 2013; DOI: 10.1002/nau.22335

***Functional Roles of Transient Receptor Potential Melastatin 8 (TRPM8) Channels in the Cold Stress-induced Detrusor Overactivity Pathways in Conscious Rats*** by Zhang Lei,<sup>1</sup> Tetsuya Imamura,<sup>2</sup> Osamu Ishizuka,<sup>1,2</sup> Wataru Noguchi,<sup>1</sup> Takahiro Yamagishi,<sup>1</sup> Hitoshi Yokoyama,<sup>1</sup> Yoshiki Kurizaki,<sup>1</sup> Gautam Silwal Sudha,<sup>2</sup> Tomoka Hosoda,<sup>1</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Neuourology and Urodynamics* 32(5):500-504, 2013; DOI: 10.1002/nau.22325

***Comparison of Efficacy and Safety of 1- and 3-Month Luteinizing Hormone-Releasing Hormone Agonist Depots as Initial Therapies for Prostate Cancer*** by Osamu Ishizuka,<sup>1,2</sup> Osamu Nishizawa,<sup>1,2</sup> Shuji Nishizawa,<sup>2</sup> Tomoya Satoh,<sup>2</sup> Masahisa Wajiki,<sup>2</sup> Hideo Kiyokawa,<sup>2</sup> Yoshihiro Kiyokawa,<sup>2</sup> Shinya Kobayashi,<sup>2</sup> Hiroya Mizusawa,<sup>2</sup> Tatsuo Nakagawa,<sup>2</sup> Masayuki Furuhashi,<sup>2</sup> Kenji Yamaguchi,<sup>2</sup> and Manabu Ueno<sup>2</sup>

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*International Journal of Clinical Oncology* 18(3):524-530, 2013; DOI: 10.1007/s10147-012-0413-9

***The Relationship between Alpha1-Adrenergic Receptors and TRPM8 Channels in Detrusor Overactivity Induced by Cold Stress in Ovariectomized Rats*** by Wataru Noguchi,<sup>1</sup> Tetsuya Imamura,<sup>2</sup> Osamu Ishizuka,<sup>1</sup> Yoshiki Kurizaki,<sup>1</sup> Takahiro Yamagishi,<sup>1</sup> Hitoshi Yokoyama,<sup>1</sup> Zhang Lei,<sup>1</sup> Sudha Gautam Silwal,<sup>2</sup> Osamu Nishizawa,<sup>1</sup> and Karl-Erik Andersson<sup>3</sup>

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*Journal of Urology* 189(5):1975-1981, 2013; DOI: 10.1016/j.juro.2012.10.014

***AMP Level Modulates Scleral Collagen Remodeling, a Critical Step in the Development of Myopia*** by Yijin Tao,<sup>1,2</sup> Miaozen Pan,<sup>1,2</sup> Shufeng Liu,<sup>1,2</sup> Fang Fang,<sup>1,2</sup> Runxia Lu,<sup>1,2</sup> Jianhong An,<sup>1,2</sup> Hongjia Xu,<sup>1,2</sup> Fuxin Zhao,<sup>1,2</sup> Jiang-fan Chen,<sup>1,2</sup> Xiangtian Zhou,<sup>1,2</sup> and Jia Qu<sup>1,2</sup>

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*Public Library of Science One* 8(8):e71441, 2013; DOI: 10.1371/journal.pone.0071441

***Chapter 17: Bone Marrow-Derived Cells Regenerate Structural and Functional Lower Urinary Tracts*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Regenerative Medicine and Tissue Engineering*, Prof. Jose A. Andrades (Ed.), 2013, ISBN: 978-953-51-1108-5, InTech, DOI: 10.5772/55558



***Cold Stress Induces Lower Urinary Tract Symptomatics (LUTS)*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*International Journal of Urology* 20(7):661-669, 2013; DOI: 10.1111/iju.12129

***The Aging Meibomian Gland: An In Vivo Confocal Study*** by Edoardo Villani,<sup>1,2,3</sup> Veronica Canton,<sup>1,2</sup> Fabrizio Magnani,<sup>1,2</sup> Francesco Viola,<sup>1,2</sup> Paolo Nucci,<sup>1,3</sup> and Roberto Ratiglia<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 54(7):4735-4740, 2013; DOI: 10.1167/iovs.13-11914

***Adalimumab (Tumor Necrosis Factor-Blocker) Reduces the Expression of Glial Fibrillary Acidic Protein Immunoreactivity Increased by Exogenous Tumor Necrosis Factor Alpha in an Organotypic Culture of Porcine Neuroretina*** by I. Fernandez-Bueno,<sup>1,2,3</sup> M. T. Garcia-Gutierrez,<sup>1,2</sup> G. K. Srivastava,<sup>1,2,3</sup> M. J. Gayoso,<sup>4</sup> J. M. Gonzalo-Orden,<sup>5</sup> and J. C. Pastor<sup>1</sup>

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*Molecular Vision* 19:894-903, 2013; <http://www.molvis.org/molvis/v19/894>

***Chondrogenic Differentiation of Immortalized Human Mesenchymal Stem Cells on Zirconia Microwell Substrata*** by Fumihiko Kitagawa,<sup>1</sup> Shunsuke Takei,<sup>1</sup> Takafumi Imaizumi,<sup>1</sup> and Yasuhiko Tabata<sup>2</sup>

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*Tissue Engineering Part C* 19(6):438-448, 2013; DOI: 10.1089/ten.TEC.2012.0166

***Retrolubar Structure Visualization with Enhanced Depth Imaging Optical Coherence Tomography*** by Alessandro Invernizzi, Andrea Giani, Mario Cigada, and Giovanni Staurenghi

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*Investigative Ophthalmology and Visual Science* 54(4):2678-2684, 2013; DOI: 10.1167/iovs.12-10786

***Assessment of Frame-averaging Algorithms in OCT Image Analysis*** by Wei Wu,<sup>1,2,3</sup> Ou Tan,<sup>3</sup> Rajeev Pappuru,<sup>3</sup> Huilong Duan,<sup>1,2</sup> and David Huang<sup>3</sup>

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*Ophthalmic Surgery, Lasers and Imaging* 44(2):168-175, 2013; DOI: 10.3928/23258160-20130313-09

***Consecutive Expansion of Limbal Epithelial Stem Cells from a Single Biopsy*** by Marina López-Paniagua,<sup>1,2</sup> Teresa Nieto-Miguel,<sup>1,2</sup> Ana de la Mata,<sup>1,2</sup> Sara Galindo,<sup>1,2</sup> José M. Herreras,<sup>1,2</sup> Rosa M. Corrales,<sup>1,2</sup> and Margarita Calonge<sup>1,2</sup>

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*Current Eye Research* 38(5):537-549, 2013; DOI: 10.3109/02713683.2013.767350

***Visual Outcome in Isoametropic Amblyopic Children with High Hyperopia and the Effect of Therapy on Retinal Thickness*** by Wuhe Chen, Jie Chen, Fang Zhang, Xixi Zhu, and Fan Lu

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*American Journal of Ophthalmology* 155(3):536-543.e1, 2013; DOI: 10.1016/j.ajo.2012.09.028

***Anterior Chamber Cell Grading by Optical Coherence Tomography*** by Yan Li,<sup>1</sup> Careen Lowder,<sup>2</sup> Xinbo Zhang,<sup>1</sup> and David Huang<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 54(1):258-265, 2013; DOI: 10.1167/iovs.12-10477

***Vertical and Horizontal Thickness Profiles of the Corneal Epithelium and Bowman's Layer after Orthokeratology*** by Yan Lian,<sup>1</sup> Meixiao Shen,<sup>1</sup> Jun Jiang,<sup>1,2</sup> Xinjie Mao,<sup>1,2</sup> Ping Lu,<sup>1</sup> Dexi Zhu,<sup>1</sup> Qi Chen,<sup>1</sup> Jianhua Wang,<sup>3</sup> and Fan Lu<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 54(1):691-696, 2013; DOI: 10.1167/iovs.12-10263

***Histology and Immunocytochemistry Evaluation of Autologous Translocation of Retinal Pigment Epithelium-Choroid Graft in Porcine Eyes*** by Ivan Fernandez-Bueno,<sup>1,2</sup> Enrique Rodriguez de la Rua,<sup>1</sup> Denise Hileeto,<sup>1</sup> Marisa Parrado,<sup>1</sup> Marta Regueiro-Purriños,<sup>2</sup> Anna Sala-Puigdollers,<sup>1</sup> Girish K. Srivastava,<sup>1,3</sup> Jose Manuel Gonzalo-Orden,<sup>2</sup> and Jose Carlos Pastor<sup>1</sup>

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*Acta Ophthalmologica* 91(2):e125-32, 2013; DOI: 10.1111/aos.12001

***Effect of TGF- $\beta$  on Ocular Surface Epithelial Cells*** by M. J. Benito,<sup>1</sup> V. Calder,<sup>2</sup> R. M. Corrales,<sup>3,1</sup> C. García-Vázquez,<sup>1</sup> Srihari Narayanan,<sup>4</sup> J. M. Herreras,<sup>1,3</sup> M. Stern,<sup>5</sup> M. Calonge,<sup>1,3</sup> A. Enríquez-de-Salamanca<sup>1,3</sup>

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*Experimental Eye Research* 107(2):88-100, 2013; DOI: 10.1016/j.exer.2012.11.017

***Secondary Transobturator Tape Procedure after Combined Pelvic Organ Prolapse Repair*** by Tetsuichi Saito, Osamu Nishizawa, Masakuni Ishikawa, Yuji Shimojima, Tomohiko Oguchi, Hisanori Suzuki, Hitoshi Yokoyama, Midori Ichino, Haruaki Kato, and Osamu Ishizuka

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*Lower Urinary Tract Symptoms* 5(1):52-54, 2013; DOI: 10.1111/j.1757-5672.2012.00161.x

***Laser In Situ Keratomileusis (LASIK) Enhancements with the Ziemer FEMTO LDV Femtosecond Laser Following Previous LASIK*** by Juhani Pietilä,<sup>1,2</sup> Anne Huhtala,<sup>1</sup> Petri Mäkinen,<sup>1,2</sup> and Hannu Uusitalo<sup>2,3</sup>

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*Graefe's Archive for Clinical and Experimental Ophthalmology* 251(2):597-602, 2013; DOI: 10.1007/s00417-012-2110-9

***The Natural History of Lamellar Macular Holes: A Spectral Domain Optical Coherence Tomography Study*** by Ferdinando Bottoni, Antonio Peroglio Deiro, Andrea Giani, Claudia Orini, Mario Cigada, and Giovanni Staurenghi

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*Graefe's Archive for Clinical and Experimental Ophthalmology* 251(2):467-475, 2013; DOI:

10.1007/s00417-012-2044-2

***Influence of a Controlled Environment Simulating an In-Flight Airplane Cabin on Dry Eye Disease*** by Marisa Tesón,<sup>1</sup> María J. González-García,<sup>1,2</sup> Alberto López-Miguel,<sup>3</sup> Amalia Enríquez-de-Salamanca,<sup>1,2</sup> Vicente Martín-Montañez,<sup>1</sup> María Jesús Benito,<sup>1</sup> María Eugenia Mateo,<sup>1</sup> Michael E. Stern,<sup>4</sup> and Margarita Calonge<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 54(3):2093-2099, 2013; DOI: 10.1167/iovs.12-11361

***Refractive Stabilization and Corneal Swelling after Cataract Surgery*** by Victoria de Juan,<sup>1</sup> José María Herreras,<sup>1</sup> Inmaculada Pérez,<sup>1</sup> Ángela Morejón,<sup>1</sup> Ana Río-San Cristóbal,<sup>1</sup> Raúl Martín,<sup>1,2</sup> Itziar Fernández,<sup>3,1</sup> Guadalupe Rodríguez<sup>1,2</sup>

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*Optometry and Vision Science* 90(1):31-36, 2013; DOI: 10.1097/OPX.0b013e318278fc44

***Influence of Aromatase Absence on the Gene Expression and Histology of the Mouse Meibomian Gland*** by Raheleh Rahimi Darabad,<sup>1,2</sup> Tomo Suzuki,<sup>1,2</sup> Stephen M. Richards,<sup>1,2</sup> Roderick V. Jensen,<sup>4</sup> Frederick A. Jakobiec,<sup>2,3</sup> Fouad R. Zakka,<sup>2,3</sup> Shaohui Liu,<sup>1,2</sup> and David A. Sullivan<sup>1,2,3</sup>

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*Investigative Ophthalmology and Visual Science* 54(2):987-998, 2013; DOI: 10.1167/iovs.12-10992

***Involvement of Corneal Epithelial Cells in the TH17 Response in an In Vitro Bacterial Inflammation Model*** by Isabel Arranz-Valsero,<sup>1,2</sup> Ute Schulze,<sup>3</sup> Laura Contreras-Ruiz,<sup>1,2</sup> Laura García-Posadas,<sup>1,2</sup> Antonio López-García,<sup>1,2</sup> Friedrich Paulsen,<sup>3,4</sup> and Yolanda Diebold<sup>1,2</sup>

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*Molecular Vision* 19:85-99, 2013; <http://www.molvis.org/molvis/v19/85>

***The Effects of Prostaglandin Analogues on Intracellular Ca<sup>2+</sup> in Ciliary Arteries of Wild Type and Prostanoid Receptor-Deficient Mice*** by Sanae Abe, Hiroshi Watabe, Sanae Takaseki, Makoto Aihara, and Takeshi Yoshitomi

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*Journal of Ocular Pharmacology and Therapeutics* 29(1):55-60, 2013; DOI: 10.1089/jop.2011.0197

***The Effect of Temporal and Spatial Stimuli on the Refractive Status of Guinea Pigs Following Natural Emmetropization*** by Zhina Zhi,<sup>1,2</sup> Miaozen Pan,<sup>1,2</sup> Ruozhong Xie,<sup>1,2</sup>, Shibo Xiong,<sup>1,2</sup> Xiangtian Zhou,<sup>1,2</sup> and Jia Qu<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 54(1):890-897, 2013; DOI: 10.1167/iovs.11-8064

***Variations in Functional and Anatomical Outcomes and in Proliferative Vitreoretinopathy Rate along a Prospective Collaborative Study on Primary Rhegmatogenous Retinal Detachments: The Retina I Project—Report 4*** by J. Carlos Pastor,<sup>1,2,3</sup> Itziar Fernández,<sup>1,3</sup> Rosa M. Coco,<sup>1</sup> María R. Sanabria,<sup>1,4</sup> Enrique Rodríguez de la Rúa,<sup>1,5</sup> Rosa M. Piñon,<sup>6</sup> Vicente Martínez,<sup>7</sup> Anna Sala-Puigdollers,<sup>1,2</sup> José M. Gallardo,<sup>8</sup> and Sara Velilla<sup>9</sup>

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International Scholarly Research Network (ISRN) Ophthalmology Article ID 206385, 2012; DOI:10.5402/2012/206385

***HSP70 Increases Extracellular Matrix Production by Human Vascular Smooth Muscle Through TGF- $\beta$ 1 Up-regulation*** by Marta González-Ramos,<sup>1</sup> Laura Calleros,<sup>1</sup> Susana López-Ongil,<sup>4</sup> Viviana Raoch,<sup>4</sup> Mercedes Griera,<sup>4</sup> Manuel Rodríguez-Puyol,<sup>1</sup> Sergio de Frutos,<sup>1</sup> and Diego Rodríguez-Puyol<sup>2,3,4</sup>

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*The International Journal of Biochemistry and Cell Biology* 45(2):232-242, 2013; DOI: 10.1016/j.biocel.2012.10.001

***Relationship Between Expression of  $\beta$ 3-Adrenoceptor mRNA in Bladder Mucosa and Urodynamic Findings in Men with Lower Urinary Tract Symptoms*** by Yoshiki Kurizaki,<sup>1</sup> Osamu Ishizuka,<sup>1</sup> Tetsuya Imamura,<sup>1</sup> Osamu Nishizawa,<sup>1</sup> and Karl-Erik Andersson<sup>2</sup>

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*Neurourology and Urodynamics* 32(1):88-91, 2013; DOI: 10.1002/nau.22278

***Corneal Inflammation from Pine Processionary Caterpillar Hairs*** by Alejandro Portero,<sup>1,2</sup> Ester Carreño,<sup>1</sup> David Galarreta,<sup>1,3</sup> and José M. Herreras<sup>1,3</sup>

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*Cornea* 32(2):161-164, 2013; DOI: 10.1097/ICO.0b013e318254234b

***Oculo-Palpebral Borreliosis as an Unusual Manifestation of Lyme Disease*** by Giovana Murillo,<sup>1</sup> Beatriz Ramírez,<sup>1</sup> L. Angel Romo,<sup>1</sup> Agustin Muñoz-Sanz,<sup>2</sup> Denise Hileeto,<sup>3</sup> and Margarita Calonge<sup>1,4</sup>

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*Cornea* 32(1):87-90, 2013; DOI: 10.1097/ICO.0b013e318243e45c

***Scleral Changes Induced by Atropine in Chicks as an Experimental Model of Myopia*** by Patricia Gallego,<sup>1</sup> Carmen Martínez-García,<sup>1</sup> Pablo Pérez-Merino,<sup>1</sup> Lucía Ibares-Frías,<sup>1</sup> Agustín Mayo-Isacar,<sup>2</sup> and Jesús Merayo-Llodes<sup>3</sup>

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*Ophthalmic and Physiological Optics* 32(6):478-484, 2012; DOI: 10.1111/j.1475-1313.2012.00940.x

***Quantitative OCT Angiography of Optic Nerve Head Blood Flow*** by Yali Jia,<sup>1</sup> John C. Morrison,<sup>1</sup> Jason Tokayer,<sup>2</sup> Ou Tan,<sup>1</sup> Lorinna Lombardi,<sup>1</sup> Bernhard Baumann,<sup>3</sup> Chen Lu,<sup>3</sup> Woo Jhon Choi,<sup>3</sup> James G. Fujimoto,<sup>3</sup> and David Huang<sup>1</sup>

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*Biomedical Optics Express* 3(12):3127-3137, 2012; DOI: 10.1364/BOE.3.003127

***Corneal Epithelial Thickness Mapping by Fourier-domain Optical Coherence Tomography in Normal and Keratoconic Eyes*** by Yan Li,<sup>1</sup> Ou Tan,<sup>1</sup> Robert Brass,<sup>2</sup> Jack L. Weiss,<sup>3</sup> and David Huang

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*Ophthalmology*, 119(12):2425-33, 2012; DOI: 10.1016/j.ophtha.2012.06.023

***Effect of Simulated Dynamic Intraocular Pressure on Retinal Thickness Measured by Optical Coherence Tomography after Cataract Surgery*** by Ding Chen, Jun Zhu, Xixia Ding, and Yun-e Zhao

Eye Hospital, Wenzhou Medical College, Wenzhou, Zhejiang, China  
*International Journal of Ophthalmology* 5(6):687-693, 2012; DOI: 10.3980/j.issn.2222-3959.2012.06.07

***Anterior Segment Biometry During Accommodation Imaged with Ultralong Scan Depth Optical Coherence Tomography*** by Chixin Du,<sup>1,2</sup> Meixiao Shen,<sup>2</sup> Ming Li,<sup>3</sup> Dexi Zhu,<sup>3</sup> Michael R. Wang,<sup>4</sup> and Jianhua Wang<sup>2</sup>

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*Ophthalmology* 119(12):2479-2485, 2012; DOI: 10.1016/j.ophtha.2012.06.041

***Nogo-A is Associated with Secondary Degeneration of Substantia Nigra in Hypertensive Rats with Focal Cortical Infarction*** by Fang Wang,<sup>1,2</sup> Meixia He,<sup>1,3</sup> Qinghua Hou,<sup>1</sup> Shihui Xin,<sup>1</sup> Xiaohui Zou,<sup>2</sup> Zhong Pei,<sup>1</sup> Jinsheng Zeng<sup>1</sup>

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*Brain Research* 1469:153-163, 2012; DOI: 10.1016/j.brainres.2012.06.040

***Morning Glory Disc Anomaly with Contractile Movements*** by Yu Sawada, Toshiyuki Fujiwara, Takeshi Yoshitomi

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*Graefe's Archive for Clinical and Experimental Ophthalmology* 250(11):1693-1695, 2012; DOI: 10.1007/s00417-012-2115-4

***Doppler Optical Coherence Tomography of Retinal Circulation*** by Ou Tan,<sup>1</sup> Yimin Wang,<sup>1</sup> Ranjith K. Konduru,<sup>2</sup> Xinbo Zhang,<sup>1</sup> Srinivas R. Sadda,<sup>2</sup> David Huang<sup>1</sup>

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*Journal of Visualized Experiments* 67:e3524, 2012; DOI: 10.3791/3524

***Aligning Scan Locations from Consecutive Spectral-domain Optical Coherence Tomography Examinations: A Comparison between Different Strategies*** by Andrea Giani, Marco Pellegrini, Alessandro Invernizzi, Mario Cigada, and Giovanni Staurenghi

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*Investigative Ophthalmology and Visual Science* 53(12):7637-7643, 2012; DOI: 10.1167/iovs.12-10047

***Time Course Modifications in Organotypic Culture of Human Neuroretina*** by Ivan Fernandez-Bueno,<sup>1,2</sup> Laura Fernández-Sánchez,<sup>3</sup> Manuel J Gayoso,<sup>4</sup> Maria T García-Gutierrez,<sup>1,2</sup> Jose C Pastor,<sup>1,2,5</sup> and Nicolás Cuenca<sup>3</sup>

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*Experimental Eye Research* 104:26-38, 2012; DOI: 10.1016/j.exer.2012.08.012

***Role of Fundus Autofluorescence in Serpiginous Choroidopathy*** by Ester Carreño,<sup>1</sup> Alejandro Portero,<sup>2</sup> José María Herreras,<sup>1,2</sup> and María Isabel López<sup>1</sup>

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*Eye* 26:1232-1236, 2012; DOI: 10.1038/eye.2012.121

***The Relationship between Toe Temperature and Lower Urinary Tract Symptoms*** by Hiroo Inoue, Osamu Ishizuka, Tetsuya Imamura, Takahiro Yamagishi, Wataru Noguchi, Hitoshi Yokoyama, Yoshiki Kurizaki, and Osamu Nishizawa

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*Lower Urinary Tract Symptoms* 4(3):144-149, 2012; DOI: 10.1111/j.1757-5672.2012.00151.x

***Correlations Among Symptoms, Signs, and Clinical Tests in Evaporative -Type Dry Eye Disease Caused by Meibomian Gland Dysfunction (MGD)*** by Miguel Cuevas,<sup>1</sup> Maria J. González-García,<sup>1,2</sup> Evangelina Castellanos,<sup>1</sup> Rolando Quispaya,<sup>1</sup> Paola De la Parra,<sup>1</sup> Itziar Fernández,<sup>2,1</sup> and Margarita Calonge,<sup>1,2</sup>

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*Current Eye Research* 37(10):855-863, 2012; DOI: 10.3109/02713683.2012.683508

***Abnormal Fundus Autofluorescence of Patients in Long Term Treatment with Deferoxamine*** by Francesco Viola,<sup>1</sup> Giulio Barteselli,<sup>1</sup> Laura Dell'Arti,<sup>1</sup> Diego Vezzola,<sup>1</sup> Edoardo Villani,<sup>1</sup> Chiara Mapelli,<sup>1</sup> Maria D. Cappellini,<sup>2</sup> and Roberto Ratiglia<sup>1</sup>

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*Ophthalmology* 119(8):1693-1700, 2012; DOI: 10.1016/j.ophtha.2012.01.039

***Bone Marrow-derived Cells Implanted into Radiation-injured Urinary Bladders Reconstruct Functional Bladder Tissues in Rats*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> Zhang Lei,<sup>2</sup> Shigeaki Hida,<sup>3</sup> Gautam Silwal Sudha,<sup>2</sup> Haruaki Kato,<sup>2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Tissue Engineering Part A* 18(15-16):1698-1709. DOI: 10.1089/ten.TEA.2012.0061 2012

***Daytime Variations of Tear Osmolarity and Tear Meniscus Volume*** by Ming Li,<sup>1,3</sup> Chixin Du,<sup>4</sup> Dexi Zhu,<sup>1,3</sup> Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1,3</sup> and Jianhua Wang<sup>1,2</sup>

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*Eye & Contact Lens* 38(5):282-287, 2012; DOI: 10.1097/ICL.0b013e31825fed57

***Vertical and Horizontal Corneal Epithelial Thickness Profiles Determined by Ultrahigh Resolution Optical Coherence Tomography*** by Chixin Du,<sup>1,2</sup> Jianhua Wang,<sup>2</sup> Lele Cui,<sup>1,3</sup> Meixiao Shen,<sup>1,3</sup> and Yemin Yuan<sup>1,3</sup>

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*Cornea* 31(9):1036-1043, 2012; DOI: 10.1097/ICO.0b013e31823f8d56

***Effect of Punctal Occlusion on Tear Meniscus in Symptomatic Contact Lens Wearers*** by Ming Li,<sup>1</sup> Jianhua Wang,<sup>2</sup> Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1</sup> Aizhu Tao,<sup>1</sup> Zhao Chen,<sup>1</sup> Lili Ge,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Cornea* 31(9):1014–1022, 2012; DOI: 10.1097/ICO.0b013e31823f8d9e

***Gómez-López-Hernández Syndrome: Another Consideration in Corneal Neurotrophic Ulcers*** by Salvador Pastor-Idoate,<sup>1</sup> Ester Carreño,<sup>1</sup> Marisa Tesón,<sup>2</sup> and José M. Herreras<sup>1,2</sup>

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*European Journal of Ophthalmology* 22(5):20, 2012; DOI: 10.5301/ejo.5000138

***Measurement of Central Corneal Thickness by High Resolution Scheimpflug Imagery, Fourier-Domain Optical Coherence Tomography, and Ultrasound Pachymetry*** by Shihao Chen,<sup>1,2</sup> Jinhai Huang,<sup>1,2</sup> Daizong Wen,<sup>1,2</sup> Wuhe Chen,<sup>1,2</sup> David Huang,<sup>3</sup> and Qinmei Wang<sup>1,2</sup>

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*Acta Ophthalmologica* 90(5):449-455, 2012; DOI: 10.1111/j.1755-3768.2010.01947.x

***Patterns of Ganglion Cell Complex and Nerve Fiber Layer Loss in Non-Arteritic Ischemic Optic Neuropathy by Fourier-Domain Optical Coherence Tomography*** by Divya Aggarwal,<sup>1</sup> Ou Tan,<sup>2</sup> David Huang,<sup>2</sup> and Alfredo A. Sadun<sup>3</sup>

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*Investigative Ophthalmology and Visual Science* 53(8):4539-4545, 2012; DOI: 10.1167/iovs.11-9300

***Ultra-high Resolution Optical Coherence Tomography for Monitoring Tear Meniscus Volume in Dry Eye After Topical Cyclosporine Treatment*** by Jianhua Wang,<sup>1</sup> Lele Cui,<sup>1</sup> Meixiao Shen,<sup>1</sup> Victor L. Perez,<sup>1</sup> Michael R. Wang<sup>2</sup>

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*Clinical Ophthalmology* 6:933-938, 2012; DOI: 10.2147/OPHTH.S32384

***The Dark Atrophy with Indocyanine Green Angiography in Stargardt Disease*** by Andrea Giani, Marco Pellegrini, Elisa Carini, Antonio Peroglio Deiro, Ferdinando Bottoni, and Giovanni Staurenghi  
Eye Clinic, Department of Clinical Science “Luigi Sacco”, Luigi Sacco Hospital, University of Milan, Milan, Italy

*Investigative Ophthalmology and Visual Science* 53(7):3999-4004, 2012; DOI: 10.1167/iovs.11-9258

***Visualization of the Precorneal Tear Film Using Ultrahigh Resolution Optical Coherence Tomography in Dry Eye*** by Lele Cui,<sup>1,2</sup> Jianhua Wang,<sup>1</sup> Victor L. Perez,<sup>1</sup> Meixiao Shen,<sup>1</sup> Yimin Yuan,<sup>1,2</sup> and Michael R. Wang<sup>3</sup>

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*Eye & Contact Lens: Science & Clinical Practice* 38(4):240-244, 2012; DOI: 10.1097/ICL.0b013e318257a108

***Topographical Distribution and Characterization of Epithelial Cells and Intraepithelial Lymphocytes in the Human Ocular Mucosa*** by Roberto Reinoso,<sup>1,2</sup> Raquel Martín-Sanz,<sup>1</sup> Mario Martino,<sup>1,2</sup> M. Eugenia Mateo,<sup>1</sup> Rodrigo Blanco-Salado,<sup>3</sup> Margarita Calonge,<sup>1,2</sup> and Alfredo Corell<sup>1,2,3</sup>

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*Mucosal Immunology* 5:455-467, 2012; DOI: 10.1038/mi.2012.27

***Correlation Between Optical Coherence Tomography-Derived Assessments of Lower Tear Meniscus Parameters and Clinical Features of Dry Eye Disease*** by Pho Nguyen, David Huang, Yan Li, Srinivas R. Sadda, Silvia Ramos, Rajeev K. Pappuru, Ethan Tittler, and Samuel C. Yiu

Doheny Eye Institute, Keck School of Medicine, University of Southern California, Los Angeles, California, USA

*Cornea* 31(6):680-685, 2012; DOI: 10.1097/ICO.0b013e3182261577



***Experimental Murine Myopia Induces Collagen Type Ia1 (COL1A1) DNA Methylation and Altered COL1A1 Messenger RNA Expression in Sclera*** by Xiangtian Zhou,<sup>1,2</sup> Fengtao Ji,<sup>1,2</sup> Jianhong An,<sup>1,2</sup> Fuxin Zhao,<sup>1,2</sup> Fanjun Shi,<sup>1,2</sup> Furong Huang,<sup>1,2</sup> Yuan Li,<sup>1,2</sup> Shiming Jiao,<sup>1,2</sup> Dongsheng Yan,<sup>1,2</sup> Xiaoyan Chen,<sup>1,2</sup> JiangFan Chen,<sup>2,3</sup> and Jia Qu<sup>1,2</sup>

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*Molecular Vision* 18:1312-1324, 2012

***Characterization by Belmonte's Gas Esthesiometer of Mechanical, Chemical, and Thermal Corneal Sensitivity Thresholds in a Normal Population*** by Marisa Tesón,<sup>1</sup> Margarita Calonge,<sup>1,2</sup> Itziar Fernández,<sup>2,1</sup> Michael E. Stern,<sup>3</sup> and María J. González-García<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 53(6):3154-3160, 2012; DOI: 10.1167/iovs.11-9304

***Relationship Among Visual Field, Blood Flow, and Neural Structure in Glaucoma*** by John C. Hwang,<sup>1</sup> Ranjith Konduru,<sup>1</sup> Xinbo Zhang,<sup>2</sup> Ou Tan,<sup>2</sup> Brian A. Francis,<sup>1</sup> Rohit Varma,<sup>1</sup> Mitra Sehi,<sup>3</sup> David S. Greenfield,<sup>3</sup> Srinivas R. Sadda,<sup>1</sup> and David Huang<sup>2</sup>

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*Investigative Ophthalmology and Visual Science* 53(6):3020-3026, 2012; DOI: 10.1167/iovs.11-8552

***Repeatability and Reproducibility of Retinal Thickness Measurements with Spectral-Domain Optical Coherence Tomography Using Different Scan Parameters*** by Andrea Giani,<sup>1,2</sup> Antonio Peroglio Deiro,<sup>1</sup> and Giovanni Staurenghi<sup>1</sup>

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*Retina* 32(5):1007-1012, 2012; DOI: 10.1097/IAE.0b013e31822f5660

***Repeatability and Validity of ARK30 Autorefractometry after Cataract Surgery*** by Victoria de Juan,<sup>1</sup> José Maria Herreras,<sup>1</sup> Raul Martin,<sup>1,2</sup> Angela Morejon,<sup>1</sup> Inmaculada Perez,<sup>1</sup> Ana del Rio-San Cristobal,<sup>1</sup> and Guadalupe Rodriguez<sup>1</sup>

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*Clinical Experimental Ophthalmology* 40(2):134-40, 2012; DOI: 10.1111/j.1442-9071.2011.02650.x

***Autologous Bone Marrow-derived Cells Regenerate Urethral Sphincters*** by Tetsuya Imamura,<sup>1</sup> Osamu Ishizuka,<sup>1,2</sup> and Osamu Nishizawa<sup>1,2</sup>

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*Lower Urinary Tract Symptoms* 4(1):87-94, 2012; DOI: 10.1111/j.1757-5672.2011.00136.x

***An Indirect Method to Compare the Reference Centers for Corneal Measurements*** by Jingjing Xu,<sup>1</sup> Jinhua Bao,<sup>1</sup> Fan Lu,<sup>1</sup> and Ji C. He<sup>1,2</sup>

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*Ophthalmic and Physiological Optics* 32(2):125-132, 2012; DOI: 10.1111/j.1475-1313.2011.00880.x

***Intraocular Lens Power Calculation after Previous Myopic Laser Vision Correction Based on Corneal Power Measured by Fourier-Domain Optical Coherence Tomography*** by Maolong Tang,<sup>1</sup> Li Wang,<sup>2</sup> Douglas D. Koch,<sup>2</sup> Yan Li,<sup>1</sup> and David Huang<sup>1</sup>

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*Journal of Cataract and Refractive Surgery* 38(4):589-594, 2012; DOI: 10.1016/j.jcrs.2011.11.025

***Slit-Lamp-Adapted Ultra-High Resolution OCT for Imaging the Posterior Segment of the Eye*** by Hong Jiang,<sup>1</sup> Fawzi Abukhalil,<sup>1</sup> Meixiao Shen,<sup>2</sup> Giovanni Gregori,<sup>2</sup> Byron L. Lam,<sup>1</sup> Yuhong and Wang,<sup>2</sup> Jianhua Wang<sup>2</sup>

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*Ophthalmic Surgery, Lasers and Imaging* 43(1):76-81, 2012; DOI: 10.3928/15428877-20111129-03

***Repeatability of Pachymetric Mapping Using Fourier domain Optical Coherence Tomography in Corneas with Opacities*** by Nehal Maher Samy El Gendy,<sup>1,2</sup> Yan Li,<sup>1</sup> Xinbo Zhang,<sup>1</sup> and David Huang<sup>1</sup>

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*Cornea* 31(4):418-423, 2012; DOI: 10.1097/ICO.0b013e31823f098c

***Split-Spectrum Amplitude-Decorrelation Angiography with Optical Coherence Tomography*** by Yali Jia,<sup>1</sup> Ou Tan,<sup>1</sup> Jason Tokayer,<sup>2</sup> Benjamin Potsaid,<sup>3,4</sup> Yimin Wang,<sup>1</sup> Jonathan J. Liu,<sup>3</sup> Martin F. Kraus,<sup>3,5</sup> Hrebesh Subhash,<sup>1</sup> James Fujimoto,<sup>3</sup> Joachim Hornegger,<sup>5</sup> and David Huang<sup>1</sup>

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*Optics Express* 20(4):4710-4725, 2012; DOI: 10.1364/OE.20.004710

***Anterior Segment Dimensions in Asian and Caucasian Eyes Measured by Optical Coherence Tomography*** by Bing Qin,<sup>1</sup> Maolong Tang,<sup>2</sup> Yan Li,<sup>2</sup> Xinbo Zhang,<sup>2</sup> Renyuan Chu,<sup>1</sup> David Huang<sup>2</sup>

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*Ophthalmic Surgery, Lasers, and Imaging* 43(2):135-142, 2012; DOI: 10.3928/15428877-20120102-03

***Hyaluronan Receptors in the Human Ocular Surface: A Descriptive and Comparative Study of RHAMM and CD44 in Tissues, Cell Lines and Freshly Collected Samples*** by Laura García-Posadas,<sup>1,2</sup> Laura Contreras-Ruiz,<sup>1,2</sup> Antonio López-García,<sup>1,2</sup> Sonia Villarón Álvarez,<sup>1</sup> Miguel J. Maldonado,<sup>1</sup> and Yolanda Diebold<sup>1,2</sup>

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*Histochemistry and Cell Biology* 137(2):165-76, 2012; DOI: 10.1007/s00418-011-0878-z

***Choroidal Abnormalities Detected by Near-infrared Reflectance Imaging as a New Diagnostic Criterion for Neurofibromatosis 1*** by Francesco Viola,<sup>1</sup> Edoardo Villani,<sup>1</sup> Federica Natacci,<sup>2</sup> Angelo Selicorni,<sup>3</sup> Giulia Melloni,<sup>2</sup> Diego Vezzola,<sup>1</sup> Giulio Barteselli,<sup>1</sup> Chiara Mapelli,<sup>1</sup> Cesare Pirondini,<sup>1</sup> and Roberto Ratiglia<sup>1</sup>

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*Ophthalmology* 119(2):369-375, 2012; DOI: 10.1016/j.ophtha.2011.07.046

***Establishment of Novel Detection System for Embryonic Stem Cell-derived Hepatocyte-like Cells Based on Nongenetic Manipulation with Indocyanine Green*** by Susumu Yoshie,<sup>1</sup> Jun Ito,<sup>1</sup> Sakiko Shirasawa,<sup>2</sup> Tadayuki Yokoyama,<sup>2</sup> Yuu Fujimura,<sup>3</sup> Kazuo Takeda,<sup>3</sup> Masahiro Mizuguchi,<sup>4</sup> Ken Matsumoto,<sup>4</sup> Daihachiro Tomotsune,<sup>1</sup> and Katsunori Sasaki<sup>1</sup>

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*Tissue Engineering Part A* 18(1):12-20, 2012; DOI: 10.1089/ten.TEC.2011.0179

***A Propensity Score Matching Application: Indications and Results of Adding Scleral Buckle to Vitrectomy: The Retina 1 Project: Report 3*** by María R. Sanabria,<sup>1,2</sup> Itziar Fernández,<sup>4,1</sup> Anna Sala-Puigdollers, Jimena Rojas,<sup>1</sup> Mario Alfaiate,<sup>5</sup> Javier Elizalde,<sup>6</sup> Amparo Navea,<sup>7</sup> Luis Cordoves,<sup>8</sup> Miguel Ruiz- Miguel,<sup>9</sup> Manuel Diaz-Llopis,<sup>10</sup> Rosa M. Coco,<sup>1</sup> Enrique Rodríguez de la Rúa,<sup>1,3</sup> and José C. Pastor<sup>1,3</sup>

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*European Journal of Ophthalmology* 22(2):244–253, 2012; DOI: 10.5301/EJO.2011.6528

***Changes During Accommodation Determined by Ultrasound Biomicroscopy of Anterior Segment with Posterior Chamber Phakic Intraocular Lens in High Myopia*** by Chixin Du,<sup>1,2</sup> Jianhua Wang,<sup>2</sup> Xiaoyu Wang,<sup>1</sup> Ying Dong,<sup>3</sup> Yangshun Gu,<sup>1</sup> and Ye Shen<sup>1</sup>

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*Ophthalmology* 119(1):99-105, 2012

***A Galenical of Traditional Chinese Herbal Mixture (THC-002) Reduces Expression of Tachykinin Peptides within Urethras of Spontaneously Hypertensive Rats*** by Masakuni Ishikawa, Tetsuya Imamura, Osamu Ishizuka, Yoshiki Kurizaki, Ayumu Noguchi, Lei Zhang, and Osamu Nishizawa

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*Neurourology and Urodynamics* 31(1):201-206, 2012; DOI: 10.1002/nau.21179

***Micrometer Scale Contact Lens Movements Imaged by Ultrahigh-Resolution Optical Coherence Tomography*** by Lele Cui,<sup>1,2</sup> Meixiao Shen,<sup>1,2</sup> Michael R. Wang,<sup>3</sup> and Jianhua Wang<sup>2</sup>

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*American Journal of Ophthalmology* 153(2):275-283.e1, 2012; DOI: 10.1016/j.ajo.2011.06.023

***Gene Pathway Analysis of the Mechanism by which the Rho-associated Kinase Inhibitor Y-27632 Inhibits Apoptosis in Isolated Thawed Human Embryonic Stem Cells*** by Hinako Ichikawa,<sup>1</sup> Naohiro Nakata,<sup>2</sup> Youichi Abo,<sup>2</sup> Sakiko Shirasawa,<sup>3</sup> Tadayuki Yokoyama,<sup>3</sup> Susumu Yoshie,<sup>1</sup> Fengming Yue,<sup>1</sup> Daihachiro Tomotsune,<sup>1</sup> and Katsunori Sasaki<sup>1</sup>

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*Cryobiology* 64(1):12-22, 2012; DOI: 10.1016/j.cryobiol.2011.11.005

***Measurements of Microkeratome Cuts in Donor Corneas with Ultrasound and Optical Coherence Tomography*** by Maolong Tang,<sup>1</sup> Donald Ward,<sup>2</sup> Jose Luiz Branco Ramos,<sup>1</sup> Yan Li,<sup>1</sup> Camila Haydee Rosas Salaroli,<sup>1</sup> Paulo Schor,<sup>3</sup> and David Huang<sup>1</sup>

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*Cornea* 31(2):145-149, 2012; DOI: 10.1097/ICO.0b013e318221cef8

***Correlation Between Corneal Biomechanical Properties, Applanation Tonometry and Direct Intracameral Tonometry*** by A-Yong Yu,<sup>1</sup> Su-Fang Duan,<sup>1</sup> Yun-E Zhao,<sup>1</sup> Xing-Yu Li,<sup>1</sup> Fan Lu,<sup>1</sup> Jianhua Wang,<sup>2</sup> and Qin-Mei Wang<sup>1</sup>

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*British Journal of Ophthalmology* 96(5):640-644, 2011; DOI: 10.1136/bjophthalmol-2011-300124

***Intrastromal Corneal Ring Segments: Visual Outcomes from a Large Case Series*** by Guilherme Ferrara,<sup>1,2</sup> Leonardo Torquetti,<sup>1</sup> Paulo Ferrara,<sup>1</sup> and Jesús Merayo-Llodes<sup>2</sup>

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*Clinical Experimental Ophthalmology* 40(5):433-439, 2011; DOI: 10.1111/j.1442-9071.2011.02698.x

***Cryopreservation of Epididymal Sperm in Tree Shrews (*Tupaia belangeri*)*** by Shuhuang Ping, F. Wang, Yuanxu Zhang, Changqing Wu, Wenru Tang, Ying Luo, and Shihua Yang

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*Theriogenology* 76(1):39-46, 2011; DOI: 10.1016/j.theriogenology.2011.01.011

***Ultra-High Resolution Optical Coherence Tomography for Imaging the Anterior Segment of the Eye*** by Jianhua Wang,<sup>1</sup> Mohamed Abou Shousha,<sup>1</sup> Carol L. Karp,<sup>1</sup> Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1,2</sup> Chixin Du,<sup>1,3</sup> Dexi Zhu,<sup>1,2</sup> Qi ChenMD,<sup>1,2</sup> and Ming Li<sup>1,2</sup>

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*Ophthalmic Surgery, Lasers and Imaging* 42(4):S15-S27, 2011; DOI: 10.3928/15428877-20110627-02

***In Vitro Transdifferentiation of HepG2 Cells to Pancreatic-like Cells by CCl<sub>4</sub>, D-galactosamine, and ZnCl<sub>2</sub>*** by Yoshiya Kanoh,<sup>1</sup> Daihachiro Tomotsune,<sup>1</sup> Sakiko Shirasawa,<sup>2</sup> Susumu Yoshie,<sup>1</sup> Hinako Ichikawa,<sup>1</sup> Tadayuki Yokoyama,<sup>2</sup> Shin-Ichi Mae,<sup>1</sup> Jun Ito,<sup>1</sup> Masahiro Mizuguchi,<sup>3</sup> Ken Matsumoto,<sup>3</sup> Fengming Yue,<sup>1</sup> and Katsunori Sasaki<sup>1</sup>

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*Pancreas* 40(8):1245-1252, 2011

***Tear Menisci After Overnight Contact Lens Wear*** by Aizhu Tao,<sup>1</sup> Chunyan Cai,<sup>1</sup> Meixiao Shen,<sup>1</sup> Jianhua Wang,<sup>2</sup> Suzhong Xu,<sup>1</sup> Ming Li,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Optometry and Vision Science* 88(12):1433-1438, 2011

***Adrenocortical Adenoma and Central Serous Chorioretinopathy: A Rare Association?*** by Salvador Pastor-Idoate,<sup>1</sup> David Peña,<sup>1</sup> and José M. Herreras<sup>1,2</sup>

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*Case Reports in Ophthalmology* 2(3):327-32, 2011

***Structural Changes in the Lacrimal Sac Epithelium and Associated Lymphoid Tissue During Experimental Dacryocystitis*** by Makoto Ishikawa,<sup>1</sup> Masabumi Kubo,<sup>2</sup> Seiji Maeda,<sup>3</sup> Yu Sawada,<sup>1</sup> Eiichi Uchio,<sup>4</sup> and Takeshi Yoshitomi<sup>1</sup>

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*Clinical Ophthalmology* 5:1567-1574, 2011

***Risk Factors for Primary Open-angle Glaucoma in Japanese Attending Community Health Screenings*** by Makoto Ishikawa, Yu Sawada, Noriko Sato, and Takeshi Yoshitomi

Department of Ophthalmology, Akita Graduate University School of Medicine, Akita, Japan

*Clinical Ophthalmology* 5:1531-1537, 2011

***Upper and Lower Tear Menisci in Sjögren's Syndrome Dry Eye*** by Qi Chen, Xiaobo Zhang, Lele Cui, Wei Chen, Huixiang Ma, and Fan Lu

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

*Investigative Ophthalmology and Visual Science* 52(13):9373-9378, 2011; DOI: 10.1167/iovs.11-7431

***Assessment of Exonic Single Nucleotide Polymorphisms in the Adenosine A2A Receptor Gene to High Myopia Susceptibility in Chinese Subjects*** by Xiaoyan Chen,<sup>1,2</sup> Anquan Xue,<sup>1</sup> Wei Chen,<sup>3,4</sup> Yang Ding,<sup>1,2</sup> Dongsheng Yan,<sup>1,2</sup> Jiqing Peng,<sup>1,2</sup> Changqing Zeng,<sup>3</sup> Jia Qu,<sup>1,2</sup> Xiangtian Zhou<sup>1,2</sup>

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*Molecular Vision* 17:486-491, 2011; DOI: 10.1038/eye.2011.104

***Association between Corneal Biomechanical Properties and Myopia in Chinese Subjects*** by Zipei Jiang,<sup>1,2,5</sup> Meixiao Shen,<sup>1,2</sup> Mao Guangyun,<sup>1,2,4</sup> Ding Chen,<sup>1,2</sup> Jianhua Wang,<sup>3</sup> and Fan Lu<sup>1</sup>

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*Eye* 25(8):1083-1089, 2011; DOI: 10.1038/eye.2011.104

***Age-related Changes in Tear Menisci Imaged by Optical Coherence Tomography*** by Lele Cui,<sup>1</sup> Meixiao Shen,<sup>1</sup> Jianhua Wang,<sup>2</sup> Jun Jiang,<sup>1</sup> Ming Li,<sup>1</sup> Ding Chen,<sup>1</sup> Zhao Chen,<sup>1</sup> Aizhu Tao,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Optometry and Vision Science* 88(10):1214-1219, 2011; DOI: 10.1097/OPX.0b013e3182271297

***Analysis of the Pressure-Flow Study in Weak Detrusor Patients with Benign Prostatic Hypertrophy*** by Tomoaki Tanabe, Osamu Ishizuka, Midori Ichino, Teruyuki Ogawa, Tetsuya Imamura, Yoshiki Kurizaki, Kazuyoshi Iijima, and Osamu Nishizawa

Department of Urology, Shinshu University School of Medicine, Matsumoto, Japan

*Lower Urinary Tract Symptoms* 3(2):109-112, 2011; DOI: 10.1111/j.1757-5672.2011.00095.x

***Optic Nerve Head Morphology Assessed by Laser Scanning Tomography in Normal Japanese Subjects*** by Yu Sawada, Makoto Ishikawa, Noriko Sato, and Takeshi Yoshitomi

Department of Ophthalmology, Akita University School of Medicine, 1-1-1 Hondo Akita, 010-8543, Japan

*Journal of Glaucoma* 20(7):445-451, 2011

***Effects of Rho-Associated Protein Kinase Inhibitors Y-27632 and Y-39983 on Isolated Rabbit Ciliary Arteries*** by Hiroshi Watabe, Sanae Abe, and Takeshi Yoshitomi

Department of Ophthalmology, Akita University School of Medicine, 1-1-1 Hondo, Akita, 010-8543, Japan

*Japanese Journal of Ophthalmology* 55(4):411-417, 2011

***A Comparison of Stem Cell-related Gene Expression in the Progenitor-rich Limbal Epithelium and the Differentiating Central Corneal Epithelium*** by Teresa Nieto-Miguel,<sup>1,2</sup> Margarita Calonge,<sup>1,2</sup> Ana de la Mata,<sup>1,2</sup> Marina López-Paniagua,<sup>1,2</sup> Sara Galindo,<sup>1,2</sup> María Fideliz de la Paz,<sup>3</sup> and Rosa M. Corrales<sup>1,2</sup>

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*Molecular Vision* 17:2102-2117, 2011

***Extended Scan Depth Optical Coherence Tomography for Evaluating Ocular Surface Shape*** by Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1,3</sup> Ming Li,<sup>1,3</sup> Dexi Zhu,<sup>1,3</sup> Michael R. Wang,<sup>2</sup> and Jianhua Wang<sup>1</sup>

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*Journal of Biomedical Optics* 16, 056007, 2011; DOI: 10.1117/1.3578461

***Flicker-Induced Changes in Retinal Blood Flow with Doppler Optical Coherence Tomography*** by Yimin Wang,<sup>1</sup> Amani A. Fawzi,<sup>2</sup> Ou Tan,<sup>1</sup> Xinbo Zhang,<sup>1</sup> and David Huang<sup>1</sup>

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*Biomedical Optics Express* 2(7):1852-1860, 2011; DOI: 10.1364/BOE.2.001852

***Dynamic Changes in Ocular Zernike Aberrations and Tear Menisci Measured by Wavefront Sensing and Anterior Segment Optical Coherence Tomography*** by Jingjing Xu,<sup>1</sup> Jinhua Bao,<sup>1</sup> Jun Deng,<sup>1</sup> Fan Lu,<sup>1</sup> and Ji C. He<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 52(8):6050-6056, 2011; DOI: 10.1167/iovs.10-7102

**Activation of MAPK Signaling Pathway and NF- $\kappa$ B Activation in Pterygium and Ipsilateral Pterygium-free Conjunctival Specimens** by Jenice Torres,<sup>1</sup> Amalia Enríquez-de-Salamanca,<sup>1,2</sup> Itziar Fernández,<sup>2,1</sup> Maria T Rodríguez-Ares,<sup>3</sup> Maria J Quadrado,<sup>4</sup> Joaquim Murta,<sup>4</sup> José M Benítez-del-Castillo,<sup>5</sup> Michael E Stern,<sup>6</sup> Margarita Calonge<sup>1,2</sup>

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*Investigative Ophthalmology and Visual Science* 52(8):5842-5852, 2011; DOI: 10.1167/iovs.10-6673

**Pancreatic Exocrine Enzyme-producing Cell Differentiation via Embryoid Bodies from Human Embryonic Stem Cells** by Sakiko Shirasawa,<sup>1</sup> Susumu Yoshie,<sup>2</sup> Hinako Ichikawa,<sup>2</sup> Tadayuki Yokoyama,<sup>1</sup> Mika Nagai,<sup>1</sup> Daihachiro Tomotsune,<sup>2</sup> Fengming Yue,<sup>2</sup> and Katsunori Sasaki<sup>2</sup>

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*Biochemical and Biophysical Research Communications* 410(3):608-613, 2011; DOI: 10.1016/j.bbrc.2011.06.036

**In Vivo Confocal Microscopy of Meibomian Glands in Contact Lens Wearers** by Edoardo Villani, Gaia Ceresara, Silvia Beretta, Fabrizio Magnani, Francesco Viola, and Roberto Ratiglia  
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*Investigative Ophthalmology and Visual Science* 52(8):5215-5219, 2011; DOI: 10.1167/iovs.11-7427

**In Vivo Confocal Microscopy of Conjunctival Roundish Bright Objects: Young, Older, and Sjogren Subjects** by Edoardo Villani,<sup>1,2</sup> Silvia Beretta,<sup>1,2</sup> Daniela Galimberti,<sup>1,2</sup> Francesco Viola,<sup>1,2</sup> and Roberto Ratiglia<sup>1,2</sup>  
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*Investigative Ophthalmology and Visual Science* 52(7):4829-4832, 2011; DOI: 10.1167/iovs.10-6215

**The Dynamic Healing Process of Idiopathic Macular Holes After Surgical Repair: A Prospective Spectral-Domain Optical Coherence Tomography Study** by Ferdinando Bottoni, Stefano De Angelis, Saverio Luccarelli, Mario Cigada, and Giovanni Staurenghi  
Eye Clinic, Department of Clinical Science "Luigi Sacco", Sacco Hospital, University of Milan, Milan, Italy  
*Investigative Ophthalmology and Visual Science* 52(7):4439-4446, 2011; DOI: 10.1167/iovs.10-6732

**Differential Cell Proliferation, Apoptosis, and Immune Response in Healthy and Evaporative-Type Dry Eye Conjunctival Epithelia** by Roberto Reinoso,<sup>1</sup> Margarita Calonge,<sup>1</sup> Evangelina Castellanos,<sup>1</sup> Mario Martino,<sup>1</sup> Itziar Fernández,<sup>1</sup> Michael E. Stern,<sup>2</sup> and Alfredo Corell<sup>1,3</sup>  
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*Investigative Ophthalmology and Visual Science* 52(7):4819-4828, 2011; DOI: 10.1167/iovs.10-6073

**Dry Eye Disease in Chronic Graft-versus-Host Disease: Results from a Spanish Retrospective Cohort Study** by Paola de la Parra-Colín,<sup>1</sup> Archimedes L. D. Agahan,<sup>1</sup> José A. Pérez-Simón,<sup>2</sup> Ana López,<sup>3</sup> Dolores Caballero,<sup>2</sup> Emiliano Hernández,<sup>3</sup> and Margarita Calonge<sup>1</sup>  
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*Transplantation Proceedings* 43(5):1934-1938, 2011

**Characterization of Soft Contact Lens Edge Fitting Using Ultra-high Resolution and Ultra-long Scan Depth Optical Coherence Tomography** by Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1</sup> Colleen Riley,<sup>2</sup> Michael R. Wang,<sup>3</sup> and Jianhua Wang<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 52(7):4091-4097, 2011; DOI: 10.1167/iovs.10-6507

**Training and Professional Profile of Retinologists in Spain: Retina 2 Project, Report 4** by J. Carlos Pastor,<sup>1,3</sup> Itziar Fernández,<sup>2</sup> Jimena Rojas,<sup>1</sup> Rosa Coco,<sup>1</sup> Maria R Sanabria,<sup>1</sup> Enrique Rodríguez-de la Rúa,<sup>1,3</sup> Diego Sánchez,<sup>3</sup> Carmen Valverde,<sup>3</sup> and Anna Sala-Puigdollers<sup>1,3</sup>

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*Clinical Ophthalmology* 5:483-490, 2011; DOI: 10.2147/OPHTH.S17100

**Tear Dynamics and Corneal Confocal Microscopy of Subjects with Mild Self-Reported Office-Dry Eye** by Xiaobo Zhang, Qi Chen, Wei Chen, Lele Cui, Huixiang Ma, and Fan Lu

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

*Ophthalmology* 118(5):902-907, 2011; DOI: 10.1016/j.ophtha.2010.08.033

**Topographic Thickness of Bowman's Layer Determined by Ultra-High Resolution Spectral Domain-Optical Coherence Tomography** by Aizhu Tao,<sup>1,2</sup> Jianhua Wang,<sup>2</sup> Qi Chen,<sup>1,2</sup> Meixiao Shen,<sup>1,2</sup> Fan Lu,<sup>1</sup> Sander R. Dubovy,<sup>2,4</sup> and Mohamed Abou Shousha<sup>2,3</sup>

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*Investigative Ophthalmology and Visual Science* 52(6):3901-3907, 2011; DOI: 10.1167/iovs.09-4748

**Relation Between Expression of  $\alpha(1)$ -adrenoceptor mRNAs in Bladder Mucosa and Urodynamic Findings in Men with Lower Urinary Tract Symptoms** by Yoshiki Kurizaki,<sup>1</sup> Osamu Ishizuka,<sup>1</sup> Tetsuya Imamura,<sup>1</sup> Midori Ichino,<sup>1</sup> Teruyuki Ogawa,<sup>1</sup> Yasuhiko Igawa,<sup>1</sup> Osamu Nishizawa,<sup>1</sup> and Karl-Erik Andersson<sup>2</sup>

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*Scandinavian Journal of Urology and Nephrology*, 45(1):15-19, 2011

**Implantation of Autologous Bone Marrow-derived Cells Reconstructs Functional Urethral Sphincters in Rabbits** by Tetsuya Imamura, Osamu Ishizuka, Yoshiaki Kinebuchi, Yoshiki Kurizaki, Tsuyoshi Nakayama, Masakuni Ishikawa, and Osamu Nishizawa

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*Tissue Engineering Part A* 17(7-8):1069-1081, 2011

**Repeatability of Laser In Situ Keratomileusis Flap Thickness Measurement by Fourier-Domain Optical Coherence Tomography** by Camila Haydée Rosas Salaroli,<sup>1,2</sup> Yan Li,<sup>1</sup> Xinbo Zhang,<sup>1</sup> Maolong Tang,<sup>1</sup> José Luiz Branco Ramos,<sup>1</sup> Norma Allemann,<sup>2</sup> and David Huang<sup>1</sup>

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*Journal of Cataract and Refractive Surgery* 37(4):649-654, 2011



***Tear Menisci and Ocular Discomfort During Daily Contact Lens Wear in Symptomatic Wearers*** by Qi Chen,<sup>1</sup> Jianhua Wang,<sup>2</sup> Meixiao Shen,<sup>1</sup> Lele Cui,<sup>1</sup> Chunyan Cai,<sup>1</sup> Ming Li,<sup>1</sup> Kangjun Li,<sup>1</sup> and Fan Lu<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 52(5):2175-2180, 2011; DOI: 10.1167/iovs.10-5780

***Pilot Study of Optical Coherence Tomography Measurement of Retinal Blood Flow in Retinal and Optic Nerve Diseases*** by Yimin Wang,<sup>1</sup> Amani A Fawzi,<sup>1</sup> Rohit Varma,<sup>1</sup> Alfredo Sadun,<sup>1</sup> Xinbo Zhang,<sup>1</sup> Ou Tan,<sup>1</sup> Joseph A Izatt,<sup>2</sup> and David Huang<sup>1</sup>

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*Investigative Ophthalmology and Visual Science* 52(2):840-845, 2011; E-pub ahead of print Nov 4, 2010, DOI: 10.1167/iovs.10-5985

***Intracellular Trafficking of Hyaluronic Acid Chitosan Oligomer-based Nanoparticles in Cultured Human Ocular Surface Cells*** by Laura Contreras-Ruiz,<sup>1,2</sup> María de la Fuente,<sup>3</sup> Jenny Párraga,<sup>3</sup> Antonio López,<sup>1,2</sup> Itziar Fernandez,<sup>2</sup> Begoña Seijo,<sup>3</sup> Alejandro Sanchez,<sup>3</sup> Margarita Calonge,<sup>1,2</sup> and Yolanda Diebold<sup>1,2</sup>

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*Molecular Vision* 17:279-290, 2011

***Antioxidant Enzyme mRNA Expression in Conjunctival Epithelium of Healthy Human Subjects*** by Rosa M Corrales,<sup>1,2</sup> David Galarreta,<sup>2</sup> José M. Herreras,<sup>2,1</sup> Margarita Calonge,<sup>2,1</sup> and F. Javier Chaves<sup>3</sup>

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*Canadian Journal of Ophthalmology* 46(1):35-39, 2011

***Surgical Outcomes of Uveitic Glaucoma*** by Ester Carreño,<sup>1,2</sup> Sonia Villarón,<sup>1</sup> Alejandro Portero,<sup>1</sup> José M. Herreras,<sup>1,2</sup> José A. Maquet,<sup>2</sup> and Margarita Calonge<sup>1</sup>

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*Journal of Ophthalmic Inflammation and Infection* 1(2):43-53, 2011; DOI: 10.1007/s12348-010-0012-8