

## ARVO 1991

Realizou-se na 1ª semana de maio, como todo ano, em Sarasotta, Flórida, a reunião anual da Association for Research in Vision and Ophthalmology. É o maior Congresso Oftalmológico de Investigação. O número crescente de participantes brasileiros, a maioria expressiva com apresentação de seus trabalhos é um sinal positivo e animador. Importante notar também o número progressivo de trabalhos de investigação realizados no Brasil e aceitos. Este ano foram apresentados 3.136 trabalhos.

Apresentamos abaixo os abstracts com participação de brasileiros.

Em 1992 o Congresso da ARVO será de 2 a 8 de maio.

Gostaria de sugerir que todos sempre colocassem nos Abstracts o nome da instituição ou pelo menos o nome do nosso país.

Avise-nos se notar a omissão de outros trabalhos. Eles serão publicados em seguida.

RUBENS BELFORT JR.

PREVALENCE OF TRACHOMA IN PRE-SCHOOL AND SCHOOL CHILDREN IN THE SUBURB OF JOINVILLE, STATE OF SANTA CATARINA, BRAZIL.

**Mário Junqueira Nóbrega & Marinho Jorge Scarpi.** Department of Ophthalmology, Paulista School of Medicine, São Paulo, Brazil.

PREVALENCE OF TRACHOMA IN CHILDREN OF FRANCO DA ROCHA AND FRANCISCO MORATO – São Paulo – BRAZIL – 1989. **Rosana Maura Gentil, Norma Helen Medina, Márcia Benedita de Oliveira, Marta de Felippi Sartori, José Henrique Cabral, Márcia Spesoto de Vasconcelos, Oswaldo Monteiro de Barros.** Serviço de Oftalmologia Sanitária, Centro de Vigilância Epidemiológica, escritório Regional de Saúde 14-Secretaria de Estado da Saúde – São Paulo and Disciplina de Oftalmologia da Faculdade de Medicina de Jundiaí-S.P. – Brazil.

THE USE OF VARIOUS IMMUNOHISTOPATHOLOGIC TECHNIQUES IN THE DIAGNOSIS OF CYTOMEGALOVIRUS (CMV) RETINITIS IN AIDS PATIENTS. **M. N. Burnier, C.C. Chan, I.W. McLean, M. de Smel, B. Rubin, R. Belfort Jr., R.B. Nussenblatt.** Laboratory of Immunology, National Eye Institute, NIH. Bethesda, MD. 20892 and Department of Ophthalmic Pathology, AFIP, Washington, DC 20306.

EYE DISEASES IN A SAMPLE OF ELDERLY PEOPLE IN SÃO PAULO – BRAZIL. **Norma Helen Medina, Oswaldo Monteiro de Barros, Emilio de Haro Muñoz, Rafael Lourenço Magdaleno and Luiz Roberto Ramos.** Serviço de Oftalmologia Sanitária and Secção de Doenças Crônicas Degenerativas do Instituto de Saúde – Secretaria do Estado de Saúde de São Paulo – Brazil.

OCULAR CONDITION OF THE ELDERLY IN BRAZIL. **Sandra Z. Ávila, MD, Ayrton R.B. Ramos, BS. Hamilton Moreira, MD, Carlos A. Moreira Jr., MD, Carlos A. Moreira, MD, Peter E. Liggett, MD, Peter J. McDonnell, MD.** From the Universidade Federal do Paraná, Brazil (drs. Ávila, C.A. Moreira Jr. and C.A. Moreira) and from the Doheny Eye Institute, Department of Ophthalmology, University of Southern California School of Medicine, Los Angeles (drs. H. Moreira, Liggett and McDonnell).

HISTOPATHOLOGIC EVALUATION OF SUBRETINAL PERFLUOROCARBON LIQUIDS. **Joaquim M. de Queiroz Jr., Serdar A. Özler, D. Virgil Alfaro, Carlos A. Moreira Jr. and Peter E. Liggett.** Doheny Eye Institute, University of Southern California, Los Angeles, CA.

EXPERIMENTAL INTRAOPERATIVE USE OF PERFLUOROTRIBUTYLAMINE, PERFLUORODECALINE AND PERFLUOROPOLYETHER. **Carlos A. Moreira Jr., Serdar A. Özler, Joaquim M. de Queiroz Jr., D. Virgil Alfaro, Todd Runyan and Peter E. Liggett.** Doheny Eye Institute, University of Southern California, Los Angeles, California.

EFFECTS OF COMBINED THERAPY WITH LOW DOSES OF FK506 AND CYCLOSPORINE ON EXPERIMENTAL AUTOIMMUNE UVEITIS (EAU) IN THE RAT. **Manabu Mochizuki<sup>1</sup>, Joyce H. Yamamoto<sup>2</sup>, Kenjiro Sawa<sup>2</sup> and Mauro Nishi.<sup>2</sup>** Departments of Ophthalmology, <sup>1</sup>Kurume University School of Medicine, Kurume, Japan and <sup>2</sup>Tokyo University School of Medicine, Tokyo, Japan.

PREVALENCE OF TRACHOMA AMONG CHILDREN FROM 2 TO 7 YEARS OLD, IN THE SLUMS OF THE NORTHERN REGION OF SÃO PAULO, BRAZIL. **Carlos E.G. Campos, Marinho Jorge Scarpi and Tânia Guidugli.** Departamento de Oftalmologia da Escola Paulista de Medicina, São Paulo, Brazil.

THE PREVALENCE OF OCULAR TOXOPLASMOSIS IN A RURAL POPULATION IN SOUTHERN BRAZIL. **PD Glasner<sup>1</sup>, C. Silveira<sup>2</sup>, MC Martins<sup>3</sup>, S. Silveira<sup>2</sup>, M. Camargo<sup>4</sup>, D. Kruszon-Morcn<sup>1</sup>, M. Burnier, Jr.<sup>3</sup>, RA Kaolow<sup>1</sup>, RB Nussenblatt<sup>5</sup>, & R. Belfort, Jr.<sup>3</sup>,** <sup>1</sup>NIAID/NIH, Bethesda, MD, USA; <sup>2</sup>Clínica Silveira (CS), Erechim, RS, Brazil; Esc. Paulista de Medicina (EPM), São Paulo, Brazil (SP); <sup>4</sup>Lab. Fleury, SP; <sup>5</sup>NEI/NIH, Bethesda, MD.

CREATING A MULTIFOCAL CORNEA WITH RADIALLY SYMMETRIC 193 NM EXCIMER LASER ABLATIONS. **enny J. Garbus, B.S., Hamilton Moreira, MD, Peter J. McDonnell, MD.** From the Doheny Eye Institute, Department of Ophthalmology, University of Southern California School of Medicine, Los Angeles.

CREATION OF A REPRODUCIBLE ANTERIOR CORNEAL SURFACE IRREGULARITY WITH THE 193 NM EXCIMER LASER. **Armand P. Fasano, MS, Hamilton Moreira, MD, Peter J. McDonnell, MD.** From the Doheny Eye Institute, Department of Ophthalmology, University of Southern California School of Medicine, Los Angeles.

TORIC SUPERFICIAL CORNEAL ABLATION WITH THE 193 NM EXCIMER LASER. **Peter J. McDonnell, MD, Hamilton Moreira, MD, Jenny Garbus, BS, Terrance N. Clapham. BSSE, John D'Arcy, Charles R. Munnerlyn, Ph.D.** From the Doheny Eye Institute, Department of Ophthalmology, University of Southern California School of Medicine, Los Angeles (drs. McDonnell and Moreira, Ms. Garbus) and VISX, Inc., Sunnyvale CA (Mr. Clapham and Mr. D'Arcy, Dr. Munnerlyn).

EFFECT OF TESTOSTERONE ON THE LYMPHOCYTE DISTRIBUTION IN, AND IgA OUTPUT OF, LACRIMAL GLANDS IN A MOUSE MODEL OF SJOGREN'S SYNDROME. **Elcio H. Sato, Joan A. Edwards, Cynthia Soo, Hiroko Ariga, Ana C. Vendramini and David A. Sullivan.** Immunology Unit, Eye Research Institute and Dept. of Ophthalmology, Harvard Medical School, Boston, MA.

HUMAN CYTOMEGALOVIRUS INFECTION IN THE RABBIT: A MODEL OF CHORIORETINAL DISEASE. **EC Dunkel, ML Siegel, D. Freitas, J. Brooks and D. Pa-**

**van-Langston.** Eye Research Institute and Dept. of Ophthalmol, Harvard Medical School, Boston, MA.

EFFICACY OF GANCICLOVIR DURING HUMAN CYTOMEGALOVIRUS CHORIORETINAL INFECTION IN THE RABBIT. **ML Siegel, D. Freitas, K. Kogawa, PA Geary, EC Dunkel and D. Pavan-Langston.** Eye Research Institute and Department of Ophthalmology, Harvard Medical School, Boston, MA.

DETECTION OF VZV RNA TRANSCRIPTS IN AN IN VITRO DRUG-SUPPRESSION MODEL. **K. Kogawa, BL Rong, ML Siegel, D. de Freitas, D. Pavan-Langston and EC Dunkel.** Eye Research Institute and Department of Ophthalmology, Harvard Medical School, Boston, MA.

OCULAR VZV IN THE RABBIT: CLINICAL DISEASE, VIRUS + VZV RNA DETECTION. **D. Freitas, K. Kogawa, PA Geary, BL Rong, ML Siegel, D. Pavan-Langston and EC Dunkel.** Eye Research Inst. and Dept. of Ophthalmol, Harvard Med. School, Boston, MA.

AMIODARONE: - INCREASED RETINAL EPITHELIAL CELL TOXICITY FOLLOWING LOW-LEVEL NEAR UV IRRADIATION. **Eduardo Minelli, Michael Hartzler and Mark Blumenkranz.** Eye Research Institute of Oakland University, Rochester MI and Dept. of Ophthalmology. William Beaumont Hospital, Royal Oak, MI.

IN VITRO EFFECTS OF ANTIOXIDANTS ON THE DRUG-LIGHT INTERACTION ASSOCIATED WITH PIGMENTARY RETINOPATHIES **M. Hartzler, J. D. Bradford, W. Dalley, S. Dinda, M. Cheng, E. Minelli, S. Bar, and M. Blumenkranz.** Eye Research Institute of Oakland University, Rochester, MI and Dept. of Ophthalmology. Wm. Beaumont Hospital Royal Oak, MI.

THE EFFECT OF CYCLO-OXYGENASE AND LIPOXYGENASE INHIBITORS IN PSEUDOMONAS AERUGINOSA EXPERIMENTAL KERATITIS. **Hamilton Moreira, MD, Armand P. Fasano, MS Peter, J. McDonnell, MD, Thomas D. Coates, MD, Alex Sevanian Ph.D.** From the Doheny Eye Institute and the Departments of Ophthalmology (drs. Moreira, Fasano and McDonnell), Pediatrics (dr. Coates) and the Institute for Toxicology (dr. Sevanian) University of Southern California, Los Angeles, CA.

KERATOEPITHELIOPLASTY IN RAT: DEVELOPMENT OF A MODEL AND HISTOLOGICAL STUDY. **Shiro Amano<sup>1</sup>, Masanobu Suzuki<sup>1</sup>, Koichi Ishida<sup>1</sup>, Kazunori Miyata<sup>1</sup>, Mauro Nishi<sup>1</sup>, Mitsuru Sawa<sup>1</sup> Yasuo Ishii<sup>2</sup>.** Department of Ophthalmology, University of Tokyo,<sup>2</sup> Department of Ophthalmology, Shinkawabashi Hospital, Tokyo, Japan.