

## Publications & Presentations

- PubMed
- [Iris pigment epithelial cells of long evans rats demonstrate phagocytic activity.](#) Rezai, K. A., Lappas, A., Farrokh-siar, L., Kohen, L., Wiedemann, P., Heimann, K. Exp Eye Res 1997 Jul
- [A new method of culturing and transferring iris pigment epithelium.](#) Rezai, K. A., Lai, W. W., Farrokh-Siar, L., Pearlman, J., Shu, J., Patel, S. C., Ernest, J. T. Invest Ophthalmol Vis Sci 1997 Oct
- [Growth of human fetal retinal pigment epithelium as microspheres.](#) Gabrielian, K., Oganessian, A., Farrokh-Siar, L., Rezai, K. A., Verp, M. S., Patel, S. C., Ernest, J. T. Graefes Arch Clin Exp Ophthalmol 1999 Mar
- [Biodegradable polymer film as a source for formation of human fetal retinal pigment epithelium spheroids.](#) Rezai, K. A., Farrokh-Siar, L., Botz, M. L., Godowski, K. C., Swanbom, D. D., Patel, S. C., Ernest, J. T. Invest Ophthalmol Vis Sci 1999 May
- [Human fetal retinal pigment epithelial cells induce apoptosis in the T-cell line Jurkat.](#) Farrokh-Siar, L., Rezai, K. A., Semnani, R. T., Patel, S. C., Ernest, J. T., Peterson, E. J., Koretzky, G. A., van Seventer, G. A. Invest Ophthalmol Vis Sci 1999 Jun
- [Cryoprecipitate: An autologous substrate for human fetal retinal pigment epithelium.](#) Farrokh-Siar, L., Rezai, K. A., Patel, S. C., Ernest, J. T. Curr Eye Res 1999 Aug
- [Human fetal retinal pigment epithelial cells induce apoptosis in allogenic T-cells in a Fas ligand and PGE2 independent pathway.](#) Rezai, K. A., Semnani, R. T., Farrokh-Siar, L., Hamann, K. J., Patel, S. C., Ernest, J. T., van Seventer, G. A. Curr Eye Res 1999 Jun
- [Human fetal retinal pigment epithelium suppresses the activation of CD4\(+\) and CD8\(+\) T-cells.](#) Farrokh-Siar, L., Rezai, K. A., Semnani, R. T., Patel, S. C., Ernest, J. T., van Seventer, G. A. Graefes Arch Clin Exp Ophthalmol 1999 Nov
- [A model for xenogenic immune response.](#) Rezai, K. A., Farrokh-Siar, L., Godowski, K., Patel, S. C., Ernest, J. T. Graefes Arch Clin Exp Ophthalmol 2000 Apr
- [Human fetal retinal pigment epithelium-induced cell cycle arrest, loss of mitochondrial membrane potential and apoptosis.](#) Farrokh-Siar, L., Rezai, K. A., Palmer, E. M., Patel, S. C., Ernest, J. T., van Seventer, G. A. Invest Ophthalmol Vis Sci 2000 Nov
- [IL-12 decreases activation-induced cell death in human naive Th cells costimulated by intercellular adhesion molecule-1. I. IL-12 alters caspase processing and inhibit...](#) Palmer, E. M., Farrokh-Siar, L., Maguire van Seventer, J., van Seventer, G. A. J Immunol 2001 Jul 15
- [Cytokine modulation of costimulatory molecules on human fetal retinal pigment epithelial cells.](#) Farrokh-Siar, L., Rezai, K. A., Palmer, E. M., Patel, S. C., Ernest, T. J., van Seventer, G. A. Curr Eye Res 2001 Oct

- [Human fetal retinal pigment epithelium induces apoptosis in human T-cell line Jurkat which is independent from its expression of TRAIL.](#) Farrokh-Siar, L., Rezai, K. A., Palmer, E. M., van Seventer, J., Hamann, K. J., Rajadurai, H., Patel, S. C., Ernest, J. T., van Seventer, G. A. *Curr Eye Res* 2002 Mar
- [The effect of type I and II interferons on human fetal retinal pigment epithelium-induced apoptosis in Jurkat T cells.](#) Rezai, K. A., Farrokh-Siar, L., Gasyna, E. M., Ernest, J. T., van Seventer, G. A. *Invest Ophthalmol Vis Sci* 2003 Jul
- [Indocyanine green induces apoptosis in human retinal pigment epithelial cells.](#) Rezai, K. A., Farrokh-Siar, L., Ernest, J. T., van Seventer, G. A. *Am J Ophthalmol* 2004 May
- [Trypan blue induces apoptosis in human retinal pigment epithelial cells.](#) Rezai, K. A., Farrokh-Siar, L., Gasyna, E. M., Ernest, J. T. *Am J Ophthalmol* 2004 Sep
- Journal Articles
- **Indocyanine green induces apoptosis in human retinal pigment epithelium** Rezai K.A., Farrokh-Siar L., Ernest J.T., *Am J Ophthalmol* - 1/1/2004
- **Type I and II interferons promote human fetal retinal pigment epithelium induced apoptosis of Jurkat T-cells** Rezai K.A., Farrokh-Siar L., Patel S.C., Ernest J.T., van Seventer G.A., *Invest Ophthalmol Vis Sci* - 1/1/2003
- **Human fetal retinal pigment epithelial cells secrete a product which induces cell cycle arrest leading to the loss of mitochondrial membrane potential and apoptosis** Farrokh-Siar L., Rezai K.A., Palmer E.M., Patel S.C., Ernest J.T., van Seventer, G.A., *Invest Ophthalmol Vis Sci* - 1/1/2000
- **Human fetal retinal pigment epithelium induces apoptosis in the T-cell line jurkat** Farrokh-Siar L., Rezai K.A., Semnani R.T., Patel S.C., Ernest J.T., van Seventer G.A., *Invest Ophthalmol Vis Sci* - 1/1/1999
- **Cryoprecipitate: An autologous substrate for human fetal retinal pigment epithelium** Farrokh-Siar L., Rezai K.A., Patel S.C., Ernest J.T., *Current Eye Research* - 1/1/1999
- **Human fetal retinal pigment epithelium suppresses the activation of CD4+ and CD8+ T-cells** Farrokh-Siar L., Rezai K.A., Semnani R.T., Patel S.C., Ernest J.T., van Seventer G.A., *Graefe's Arch Clin Exp Ophthalmol* - 1/1/1999
- **Human fetal retinal pigment epithelial cells induce apoptosis in allogenic human T-cells in a Fas ligand and PGE2 independent pathway** Rezai K.A., Semnani R.T., Farrokh-Siar L., Hamann K., Patel S.C., Ernest J.T., van Seventer G.A., *Current Eye Research* - 1/1/1999
- **Growth of human fetal retinal pigment epithelium as microspheres** Gabrielian K., Oganessian A., Farrokh-Siar L., Rezai K.A., Verp M., Patel S.C., Ernest J.T., *Graefe's Arch Clin Exp Ophthalmol* - 1/1/1999
- **A new method of culturing and transferring iris pigment epithelium** Rezai K.A., Lai W.W., Farrokh-Siar L., Pearlman J., Shu J., Patel S.C., Ernest J.T., *Invest Ophthalmol Vis Sci* - 1/1/1997
- Books/Book Chapters

- **Glaucoma Surgery**Chapter: "The Krupin Eye Valve With Disk" Lili Farrokh-Siar, MD  
Editors: Teresa C. Chen.Publisher: Saunders Elsevier 2008
- **Answers in Glaucoma**Chapter: **What are the indications for combined procedures (cataracts and glaucoma).** Page 265 - 270Farrokh-Siar, L., Colev, M., Aref, A., Krupin, T. 2004
- **Taurine 2, Basic and Clinical Aspects**Chapter: **The Mechanisms of Taurine Mediated Protection Against Cell Damage Induced by Hypoxia and Reoxygenation"** Lili Farrokh-Siar, MD Editors: R.J. Huxtable, J. Azuma, T. Baba.Publisher: Plenum Press New York1996
- Abstracts/Posters
- **Outcomes using a biodegradable collagen matrix in bleb revisions**Nitasha Gupta MD, Lili Farrokh-Siar, MD, 27th American Glaucoma Society Meeting, Coronado, California - 3/2/2017
- **Toxicity of Mitomycin C in the suprachoroidal space.**Farrokh-Siar L., Harasymowycz P., Snyder P., American Glaucoma Society Annual Meeting - 1/1/2014
- **Efficacy and Safety of the Ex-PRESS Glaucoma Mini-Shunt with Intraoperative 5-Fluorouracil.**Balashanmugam A., Farrokh-Siar, L., ASCRS, San Francisco, CA - 4/1/2009
- **pH change of ophthalmic drops over one month.**Patel S., Patel K., Farrokh-Siar, L., American Glaucoma Society, Washington, DC - 1/1/2008
- **Correlation of optic disc rim volume to disc diameter for a fixed cup to disc ratio as measured by optical coherence tomography.**Patel S., LoDuca A., Farrokh-Siar L., AGS, San Francisco, CA - 1/1/2007
- **The correlation of blue light induced apoptosis and vascular endothelial growth factor production in human RPE cells.**Rezai K.A., Gasyna E., Mieler W., Farrokh-Siar, L., ARVO Scientific Meeting - 1/1/2006
- **Subconjunctival 5-Flourouracil for anterior uveitis.**Patel N., Rahdakrishnan C., Krupin T., Farrokh-Siar L., ARVO Scientific Meeting - 1/1/2006
- **Studies on the effect of corneal thickness on measurement of intraocular pressure.**Arif A., Farrokh-Siar L., Krupin T., ARVO Scientific Meeting - 1/1/2006
- **Central Corneal Thickness in Normal, Ocular Hypertensive, and Primary Open-Angle Glaucoma Patients.**Farrokh-Siar L., Colev M., Arif A., Kwon R., Krupin T., ARVO Scientific Meeting - 1/1/2004
- **Central Corneal Thickness in Normal, Ocular Hypertensive, and Primary Open-angle Glaucoma Patients.**Farrokh-Siar L., Colev M., Arif A., Krupin T., American Glaucoma Society, Sarasota, FL - 1/1/2004
- **Interferon activated human retinal pigment epithelial cells release a soluble factor which suppresses the proliferation of non-activated retinal pigment epithelial cells.**Farrokh-Siar L., Rezai K.A., Ernest J.T., ARVO Scientific Meeting - 1/1/2003
- **Human fetal retinal pigment epithelium induced apoptosis In Jurkat T-cells involves caspase activation and PARP cleavage.**Farrokh-Siar L., Rezai K.A., Palmer E., Patel S.C., Ernest J.T., van Seventer G.A., ARVO Scientific Meeting - 1/1/2002

- **The effect of IFN-alpha, IFN-gamma, and TGF-Beta on retinal pigment epithelium induced apoptosis in Jurkat T-cells.** Rezai K.A., Farrokh-Siar L., Gasyana E.M., Patel S.C., Ernest J.T., van Seventer G.A., ARVO Scientific Meeting - 1/1/2002
- **The role of TRAIL in the human fetal retinal pigment epithelium induced apoptosis in the T-cell line Jurkat.** Farrokh-Siar L., Rezai K.A., Palmer E.M., Maguire J., Hamann K.J., Patel S.C., Ernest J.T., van Seventer G.A., ARVO Scientific Meeting - 1/1/2001
- **Human fetal retinal pigment epithelial cells secrete a product which changes the mitochondrial membrane potential and induces apoptosis in Jkt cells.** Rezai K.A., Farrokh-Siar L., Palmer E.M., Patel S.C., Ernest J.T., van Seventer G.A., ARVO Scientific Meeting - 1/1/2001
- **Cytokine modulation of costimulatory molecules on human fetal retinal pigment epithelial cells.** Ernest J.T., Farrokh-Siar L., Rezai K.A., Patel S.C., van Seventer G.A., ARVO Scientific Meeting - 1/1/2001
- **Bcl-XL overexpression does not restore the supernatant induced suppression of Jurkat cell proliferation.** Farrokh-Siar L., Rezai K.A., van Seventer G.A., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/2000
- **Human fetal retinal pigment epithelial cells inhibit the activation of human T cells by inducing T cell apoptosis.** Farrokh-Siar L., Rezai K.A., Semnani R.T., Patel S.C., Ernest J.T., van Seventer G.A., Keystone Symposia on Apoptosis and Programmed Cell Death. - 1/1/1999
- **Human fetal retinal retinal pigment epithelial (HFRPE) cells induce apoptosis that is not mediated by fas ligand/fas ligand interaction.** Rezai K.A., Farrokh-Siar L., Patel S.C., Ernest J.T., Peterson E., Koretzky G., van Seventer G.A., Keystone Symposia on Apoptosis and Programmed Cell Death - 1/1/1999
- **The effect of human fetal retinal pigment epithelium on the proliferation of human fetal endothelial cells.** Farrokh-Siar, L., Rezai, K.A., Van Seventer, G.A., Patel, S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1999
- **Transplantation of human fetal retinal pigment epithelium spheroids.** Rezai K.A., Farrokh-Siar L., Godowski K., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1999
- **Human Fetal retinal pigment epithelial cells induce apoptosis in human T-cell line. Presented at 1998 Symposia on pathogenesis and treatment of age related macular deg...** Farrokh-Siar L., Rezai K.A., Semnani R.T., van Seventer G.A., Patel S.C., Ernest J.T., Symposia on Pathogenesis and Treatment of Age Related Macular Degeneration, John Hopkins Medical Institution - 1/1/1998
- **Human fetal retinal pigment epithelial cells inhibit the activation of allogenic human T-cells.** Rezai K.A., Semnani R.T., Farrokh-Siar L., Ko, F.D., Hamann K., Patel S.C., van Seventer G.A., Ernest J.T., Symposia on Pathogenesis and Treatment of Age Related Macular Degeneration, John Hopkins Medical Institution - 1/1/1998
- **Bcl-xL overexpression rescues the HFRPE-mediated apoptosis in human T-cell line jurkat.** Farrokh-Siar L., Rezai K.A., Semnani R.T., van Seventer G.A., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1998

- **Human fetal retinal pigment epithelial cells inhibit the activation of human T-cells.** Rezai K.A., Semnani R.T., Farrokh-Siar L., Ko, F.D., Hamann K., Patel S.C., van Seventer G.A., Ernest J.T., ARVO Scientific Meeting - 1/1/1998
- **Biodegradable polymer film as a source of adhesion and formation of human fetal retinal pigment epithelium spheroids.** Williamson E., Rezai K.A., Farrokh-Siar L., Bots M.L., Godowski K.C., Ernest J.T., Patel S.C., ARVO Scientific Meeting - 1/1/1998
- **Autologous cryoprecipitate: A carrier for transplantation of human fetal retinal pigment epithelial cells.** Donald H., Farrokh-Siar L., Rezai K.A., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1998
- **Human fetal retinal pigment epithelium induce a similar inhibitory effect on both CD4+ and CD8+ T-cell subpopulations.** Prause J., Farrokh-Siar L., Rezai K.A., Semnani R.T., van Seventer G.A., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1998
- **The effect of passaging on proliferation activity and expression of major histocompatibility and co-stimulatory molecules of human fetal retinal pigment epithelial cells.** Farrokh-Siar L., Rezai K.A., Semnani R., van Seventer G., Ernest J.T., Patel S.C., ARVO Scientific Meeting - 1/1/1997
- **A new method of culturing and transferring iris pigment epithelium.** Lai W., Rezai K.A., Farrokh-Siar L., Pearlmann J., Shu J., Patel S.C., Ernest J.T., ARVO Scientific Meeting - 1/1/1997
- **Influence of original cell contacts on the transdifferentiation of cultured retinal pigment epithelial cells.** Farrokh-Siar L., Schraermeyer U., Bieker A., Lappas A., Rezai, K.A., Heimann K., ARVO Scientific Meeting - 1/1/1996
- **Verbesserung Verschiedener Organkonservierungs-loesungen durch den Zusatz von Taurin. (German)** Wingenfeld P., Farrokh-Siar L., Ugur T. Michalk D.V., Monatsschr. Kinderheilkunde - 1/1/1996
- **Taurine mediated protection against cellular deterioration induced by hypoxia and reoxygenation: mechanisms of prevention.** Michalk D.V., Wingenfeld P., Licht C., Ugur T., Farrokh-Siar L., International Symposium on Taurine in Health and Disease, Osaka, Japan - 1/1/1995