

CURRICULUM VITAE

Faculty of Medicine, University of Thessaly, Greece

EVANGELI TSIRONI-MALIZOU

- **Professor of Ophthalmology-Neuroophthalmology**, Department of Ophthalmology, Faculty of Medicine, University of Thessaly, Greece
- **Director of the Ophthalmology Department**, University General Hospital of Larissa, Greece

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Education

- **Graduation (BA degree)** -Medical School, Kapodistrian University of Athens-Greece (1974-1980)
- **Residency in Ophthalmology-** (Ophthalmology Clinic-General Hospital of Larissa (1st year), completed at the Ophthalmology Clinic, University General Hospital of Ioannina, Greece, (August 1988). Officially certified licensed Ophthalmologist (September 1988)
- **Research fellowship** - Duke Eye Center- Duke University Hospital, North Carolina, USA. (Pediatric Ophthalmology and Neuro-Ophthalmology) (September 1988-June 1990)
- **PhD in Ophthalmology** ((1998)-(title: Subclinical disturbances of eye movements in idiopathic optic neuritis), University of Ioannina.

Employment History-Academic Appointments

- **Consultant in Ophthalmology**, Ophthalmology Clinic of Ioannina- General Hospital of Ioannina-Greece (1990-91) / **Consultant in Ophthalmology**, University Ophthalmology Clinic of Ioannina-Greece (1991-99) / **Consultant in Ophthalmology**, University Ophthalmology Clinic of Larissa-Greece (1999-2005)
- **Assistant Professor** of Ophthalmology-Neuroophthalmology (**2005-2013**) / **Associate Professor** of Ophthalmology-Neuroophthalmology (**2013-4/2019**) / **Professor** of Ophthalmology-Neuroophthalmology (**4/2019-now**) at the University of Thessaly- School of Health Sciences-Faculty of Medicine, Larissa, Greece
- **Head of the Ophthalmology Department**, University General Hospital of Larissa, Greece (**2008-now**)

Research Interests

- Neuro-Ophthalmology / Pediatric Ophthalmology /Molecular Ophthalmology (studies in Neuro-ophthalmology, Age Related Macular Degeneration-Glaucoma) / Biomedical research in ocular blood flow
- Principal investigator in 7 completed and 3 on going Clinical Trials and co-investigator in 6 (completed)
- Principal supervisor in 6 completed and 3 ongoing research protocols (dissertations) and member of three part supervisor committee in 5 on ongoing research protocols (dissertations)

Practice

General Ophthalmology/Neuro-Ophthalmology/Pediatric Ophthalmology/Anterior segment surgery/Strabismus surgery

Member of Scientific Societies and Study Groups

- American Academy of Ophthalmology
- European Neuro-Ophthalmology Society
- Ophthalmological Society of Central Greece
- Hellenic Society of Pediatric Ophthalmology and Strabismus
- Member of International Age-related Macular Degeneration Genomics Consortium (IAMDGC)

Publications: 74 articles in peer-reviewed journals

Selected Publications

1. **Buckley GE, Seaber J, Tsironis E.** «Success of Motor Alignment in Exotropia Treated with Botulinum Toxin versus Surgery». *American Orthoptic Journal*. **1996;46: 127-12.**
2. **E. Tsironi,** D. Anastasopoulos, G. Lagos, Th. Mergner, K. Psilas. «Subclinical saccadic adduction slowing in patients with monosymptomatic unilateral optic neuritis predicts the development of multiple sclerosis». **Neuro-Ophthalmology**, 20, 203-209, 1998.
3. **Tsironi E,** Gatselis N, Kotoula MG, Chatzoulis DZ, Dalekos GN. Unexplained choroidal embolisation: remember the antiphospholipid syndrome. **Lancet**. 2006 Nov 25; 368(9550).
4. Koutsiaris, S. Tahmitzi, N. Batis, M.G. Kotoula, C.H. Karabatsas, **E. Tsironi,** Chatzoulis ZD. Volume flow and wall shear stress quantification in the human conjunctival capillaries and post-capillary venules in vivo. **Biorheology**. 2007;44(5-6):375-86.
5. Labiris G, Katsanos A, Fanariotis M, Tsirouki T, Pefkianaki M, Chatzoulis D, **Tsironi E.** Psychometric properties of the Greek version of the NEI-VFQ 25. **BMC Ophthalmol**. 2008; 6:8: 4.
6. Koutsiaris AG, Tachmitzi SV, Papavasileiou P, Batis N, Kotoula MG, Giannoukas AD, **Tsironi E.** Blood velocity pulse quantification in the human conjunctival pre-capillary arterioles. **Microvasc Res**. 2010;80(2):202-8.
7. Morrison MA, Silveira AC, Huynh N, Jun G, Smith SE, Zacharaki F, Sato H, Loomis S, Andreoli MT, Adams SM, Radeke MJ, Jelcick AS, Yuan Y, Tsiloulis AN, Chatzoulis DZ, Silvestri G, Kotoula MG, **Tsironi EE,** Hollis BW, Chen R, Haider NB, Miller JW, Farrer LA, Hageman GS, Kim IK, Schaumberg DA, DeAngelis MM. Systems biology-based analysis implicates a novel role for vitamin D metabolism in the pathogenesis of age-related macular degeneration. **Hum Genomics**. 2011;5(6):538-68.
8. **Tsironi EE,** Dastiridou A, Katsanos A, Dardiotis E, Veliki S, Patramani G, Zacharaki F, Ralli S, Hadjigeorgiou GM. Perimetric and retinal nerve fiber layer findings in patients with Parkinson's disease. **BMC Ophthalmol**. 2012 Oct 2; 12:54.
9. Fritsche LG, Chen W, Schu M, Yaspan BL, Yu Y, Thorleifsson G, Zack DJ, Arakawa S, Cipriani V, Ripke S, Igo RP Jr, Buitendijk GH, Sim X, Weeks DE, Guymer RH, Merriam JE, Francis PJ, Hannum G, Agarwal A, Armbrecht AM, Audo I, Aung T, Barile GR, Benchaboune M, Bird AC, Bishop PN, Branham KE, Brooks M, Brucker AJ, Cade WH, Cain MS, Campochiaro PA, Chan CC, Cheng CY, Chew EY, Chin KA, Chowers I, Clayton DG, Cojocaru R, Conley YP, Cornes BK, Daly MJ, Dhillon B, Edwards AO, Evangelou E, Fagerness J, Ferreyra HA, Friedman JS, Geirsdottir A, George RJ, Gieger C, Gupta N, Hagstrom SA, Harding SP, Haritoglou C, Heckenlively JR, Holz FG, Hughes G, Ioannidis JP, Ishibashi T, Joseph P, Jun G, Kamatani Y, Katsanis N, N Keilhauer C, Khan JC, Kim IK, Kiyohara Y, Klein BE, Klein R, Kovach JL, Kozak I, Lee CJ, Lee KE, Lichtner P, Lotery AJ, Meitinger T, Mitchell P, Mohand-Said S, Moore AT, Morgan DJ, Morrison MA, Myers CE, Naj AC, Nakamura Y, Okada Y, Orlin A, Ortube MC, Othman MI, Pappas C, Park KH, Pauer GJ, Peachey NS, Poch O, Priya RR, Reynolds R, Richardson AJ, Ripp R, Rudolph G, Ryu E, Sahel JA, Schaumberg DA, Scholl HP, Schwartz SG, Scott WK, Shahid H, Sigurdsson H, Silvestri G, Sivakumaran TA, Smith RT, Sobrin L, Souied EH, Stambolian DE, Stefansson H, Sturgill-Short GM, Takahashi A, Tosakulwong N, Truitt BJ, **Tsironi EE,** Uitterlinden AG, van Duijn CM, Vijaya L, Vingerling JR, Vithana EN, Webster AR, Wichmann HE, Winkler TW, Wong TY, Wright AF, Zelenika D, Zhang M, Zhao L, Zhang K, Klein ML, Hageman GS, Lathrop GM, Stefansson K, Allikmets R, Baird PN, Gorin MB, Wang JJ, Klaver CC, Seddon JM, Pericak-Vance MA, Iyengar SK, Yates JR, Swaroop A, Weber BH, Kubo M, Deangelis MM, Léveillard T, Thorsteinsdottir U, Haines JL, Farrer LA, Heid IM, Abecasis GR; AMD Gene Consortium. Seven new loci associated with age-related macular degeneration. **Nat Genet**. 2013 Apr;45(4):433-9, 439e1-2.
10. A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Fritsche LG, Igl W, Bailey JN, Grassmann F, Sengupta S, Bragg-Gresham JL, Burdon KP, Hebbaring SJ, Wen C, Gorski M, Kim IK, Cho D, Zack D, Souied E, Scholl HP, Bala E, Lee KE, Hunter DJ, Sardell RJ, Mitchell P, Merriam JE, Cipriani V, Hoffman JD, Schick T, Lechanteur YT, Guymer RH, Johnson MP, Jiang Y, Stanton CM, Buitendijk GH, Zhan X, Kwong AM, Boleda A, Brooks M, Gieser L, Ratnapriya R, Branham KE, Foerster JR,

Heckenlively JR, Othman MI, Vote BJ, Liang HH, Souzeau E, McAllister IL, Isaacs T, Hall J, Lake S, Mackey DA, Constable IJ, Craig JE, Kitchner TE, Yang Z, Su Z, Luo H, Chen D, Ouyang H, Flagg K, Lin D, Mao G, Ferreyra H, Stark K, von Strachwitz CN, Wolf A, Brandl C, Rudolph G, Olden M, Morrison MA, Morgan DJ, Schu M, Ahn J, Silvestri G, **Tsironi EE**, Park KH, Farrer LA, Orlin A, Brucker A, Li M, Curcio CA, Mohand-Said S, Sahel JA, Audo I, Benchaboune M, Cree AJ, Rennie CA, Goverdhan SV, Grunin M, Hagbi-Levi S, Campochiaro P, Katsanis N, Holz FG, Blond F, Blanché H, Deleuze JF, Igo RP Jr, Truitt B, Peachey NS, Meuer SM, Myers CE, Moore EL, Klein R, Hauser MA, Postel EA, Courtenay MD, Schwartz SG, Kovach JL, Scott WK, Liew G, Tan AG, Gopinath B, Merriam JC, Smith RT, Khan JC, Shahid H, Moore AT, McGrath JA, Laux R, Brantley MA Jr, Agarwal A, Ersoy L, Caramoy A, Langmann T, Saksens NT, de Jong EK, Hoyng CB, Cain MS, Richardson AJ, Martin TM, Blangero J, Weeks DE, Dhillion B, van Duijn CM, Doheny KF, Romm J, Klaver CC, Hayward C, Gorin MB, Klein ML, Baird PN, den Hollander AI, Fauser S, Yates J R, Allikmets R, Wang JJ, Schaumberg DA, Klein BE, Hagstrom SA, Chowers I, Lotery AJ, Léveillard T, Zhang K, Brilliant MH, Hewitt AW, Swaroop A, Chew EY, Pericak-Vance MA, DeAngelis M, Stambolian D, Haines JL, Iyengar SK, Weber BH, Abecasis GR, Heid IM. **Nat Genet.** 2016 Feb;48(2):134-43.

11. Grassmann, F.a, Heid, I.M.b, Weber, **International AMD Genomics Consortium (IAMDGC)**, Fritsche, L.G., Igl, W., Bailey, J.N., Grassmann, F., Sengupta, S., Bragg-Gresham, J.L., Burdon, K.P., Hebbbring, S.J., Wen, C., Gorski, M., Kim, I.K., Cho, D., Zack, D., Souied, E., Scholl, H.P., Bala, E., Lee, K.E., Hunter, D.J., Sardell, R.J., Mitchell, P., Merriam, J.E., Cipriani, V., Hoffman, J.D., Schick, T., Lechanteur, Y.T., Guymer, R.H., Johnson, M.P., Jiang, Y., Stanton, C.M., Buitendijk, G.H., Zhan, X., Kwong, A.M., Boleda, A., Brooks, M., Gieser, L., Ratnapriya, R., Branham, K.E., Foerster, J.R., Heckenlively, J.R., Othman, M.I., Vote, B.J., Liang, H.H., Souzeau, E., McAllister, I.L., Isaacs, T., Hall, J., Lake, S., Mackey, D.A., Constable, I.J., Craig, J.E., Kitchner, T.E., Yang, Z., Su, Z., Luo, H., Chen, D., Ouyang, H., Flagg, K., Lin, D., Mao, G., Ferreyra, H., Stark, K., von Strachwitz, C.N., Wolf, A., Brandl, C., Rudolph, G., Olden, M., Morrison, M.A., Morgan, D.J., Schu, M., Ahn, J., Silvestri, G., **Tsironi, E.E.**, Park, K.H., Farrer, L.A., Orlin, A., Brucker, A., Li, M., Curcio, C.A., Mohand-Said, S., Sahel, J.A., Audo, I., Benchaboune, M., Cree, A.J., Rennie, C.A., Goverdhan, S.V., Grunin, M., Hagbi-Levi, S., Campochiaro, P., Katsanis, N., Holz, F.G., Blond, F., Blanché, H., Deleuze, J.F., Igo, R.P., Jr., Truitt, B., Peachey, N.S., Meuer, S.M., Myers, C.E., Moore, E.L., Klein, R., Hauser, M.A., Postel, E.A., Courtenay, M.D., Schwartz, S.G., Kovach, J.L., Scott, W.K., Liew, G., Tan, A.G., Gopinath, B., Merriam, J.C., Smith, R.T., Khan, J.C., Shahid, H., Moore, A.T., McGrath, J.A., Laux, R., Brantley, M., Jr., Agarwal, A., Ersoy, L., Caramoy, A., Langmann, T., Saksens, N.T., de Jong, E.K., Hoyng, C.B., Cain, M.S., Richardson, A.J., Martin, T.M., Blangero, J., Weeks, D.E., Dhillion, B., van Duijn, C.M., Doheny, K.F., Romm, J., Klaver, C.C., Hayward, C., Gorin, M.B., Klein, M.L., Baird, P.N., den Hollander, A.I., Fauser, S., Yates, J.R., Allikmets, R., Wang, J.J., Schaumberg, D.A., Klein, B.E., Hagstrom, S.A., Chowers, I., Lotery, A.J., Léveillard, T., Zhang, K., Brilliant, M.H., Hewitt, A.W., Swaroop, A., Chew, E.Y., Pericak-Vance, M.A., Deangelis, M., Stambolian, D., Haines, J.L., Iyengar, S.K., Weber, B.H., Abecasis, G.R., Heid, I. Recombinant Haplotypes Narrow the ARMS2/HTRA1 Association Signal for Age-Related Macular Degeneration. **Genetics.** 2017 Feb;205(2):919-924.
12. Stefanickova J, Cunha-Vaz J, Ulbig M, Pearce I, Fernández-Vega Sanz A, Theodossiadi P, Kodjikian L, Izmailov A, Muston D, Vassilev Z, Lamotte B, Tückmantel C, Friedl S, Altemark A, Schwarz HJ, Katz T; **POLARIS study investigators**. A noninterventional study to monitor patients with diabetic macular oedema starting treatment with ranibizumab (POLARIS), Research article. **Acta Ophthalmol** 2018, doi: 10.1111/aos.13771.
13. Siokas V, Kardaras D, Aloizou AM, Asproudis I, Boboridis KG, Papageorgiou E, Hadjigeorgiou GM, **Tsironi EE, Dardiotis E**. BDNF rs6265 (Val66Met) Polymorphism as a Risk Factor for Blepharospasm. **Neuromolecular Med.** 2019 Mar;21(1):68-74. *(Senior authors equally contributed)*
14. Kardaras D, Papageorgiou E, Gaitana K, Grivea I, Dimitriou VA, Androudi S, Gounaris A, **Tsironi EE**. The Association Between Retinopathy of Prematurity and Ocular Growth. **Invest Ophthalmol Vis Sci.** 2019 Jan 2;60(1):98-106.
15. Siokas V, Kardaras D, Aloizou AM, Asproudis I, Boboridis KG, Papageorgiou E, Spandidos DA, Tsatsakis A, **Tsironi EE, Dardiotis E**. Lack of Association of the rs11655081 ARSG Gene with Blepharospasm. **J Mol Neurosci.** 2019 Mar;67(3):472-476. *(Senior authors equally contributed)*.
16. Moka S, Koutsiaris AG, Garas A, Messinis I, Tachmitzi SV, Giannoukas A, **Tsironi EE**. Blood flow velocity comparison in the eye capillaries and postcapillary venules between normal pregnant and non-pregnant women. **Microvasc Res.** 2019 Sep 12;127:103926. doi: 10.1016/j.mvr.2019.103926.

