Peer Reviewed Journal Articles

1. A Cross-Sectional and Longitudinal Study of Retinal Sensitivity in RPE65-Associated Leber Congenital Amaurosis.
   Kumaran N, Rubin GS, Kalitzeos A, Fujinami K, Bainbridge JWB, Weleber RG, **Michaelides M**.
   Invest Ophthalmol Vis Sci. 2018;59(8):3330-3339.
   doi: 10.1167/iovs.18-23873. PMID: 30025081

2. A NOVEL CASE SERIES OF NMNAT1-ASSOCIATED EARLY-ONSET RETINAL DYSTROPHY: EXTENDING THE PHENOTYPIC SPECTRUM.
   Kumaran N, Robson AG, **Michaelides M**.
   Retin Cases Brief Rep. 2018 Jul 11. doi: 10.1097/ICB.0000000000000754. [Epub ahead of print]
   PMID: 30004997

3. De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures.
   Ito Y, Carss KJ, Duarte ST, Hartley T, Keren B, Kurian MA, Marey I, Charles P, Mendonça C, Nava C, Pfundt R, Sanchis-Juan A, van Bokhoven H, van Essen A, van Ravenswaaij-Arts C; **NIHR BioResource**; Care4Rare Canada Consortium, Boycott KM, Kernohan KD, Dyack S, Raymond FL.
   Am J Hum Genet. 2018 Jun 21. doi: 10.1016/j.ajhg.2018.06.001. [Epub ahead of print]
   PMID: 29961568

4. Scotopic Microperimetric Assessment of Rod Function in Stargardt Disease (SMART) Study: Design and Baseline Characteristics (Report No. 1).
   Strauss RW, Kong X, Bittencourt MG, Ho A, Jha A, Schönbach EM, Ahmed MI, Muñoz B, Ervin AM, **Michaelides M**, Birch DG, Sahel JA, Sunness JS, Zrenner E, Bagheri S, Ip M, Sadda S, West S, Scholl HPN; for the SMART Study Group.
   Ophthalmic Res. 2018 Jun 25:1-8. doi: 10.1159/000488711.
   PMID: 29940588

5. Whole-genome sequencing reveals a recurrent missense mutation in the Connexin 46 (GJA3) gene causing autosomal-dominant lamellar cataract.
   Berry V, Ionides ACW, Pontikos N, Moghul I, Moore AT, Cheetham ME, **Michaelides M**.
   Eye (Lond). 2018 May 1. doi: 10.1038/s41433-018-0154-8.
   PMID: 29934635

6. Detailed genetic characteristics of an international large cohort of patients with Stargardt disease: ProgStar study report 8.
   Fujinami K, Strauss RW, Chiang JP, Audo IS, Bernstein PS, Birch DG, Bomotti SM, Cideciyan AV, Ervin AM, Marino MJ, Sahel JA, Mohand-Said S, Sunness JS, Traboulsi EI, West S, Wojciechowski R, Zrenner E, **Michaelides M**, Scholl HPN; On behalf of the ProgStar Study Group; ProgStar Study Group.
   Br J Ophthalmol. 2018 Jun 20. doi: 10.1136/bjophthalmol-2018-312064. [Epub ahead of print]
   PMID: 29925512

7. Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes.
   Whitworth J, Smith PS, Martin JE, West H, Luchetti A, Rodger F, Clark G, Carss K, Stephens J, Stirrups K, Penkett C, Mapeta R, Ashford S, Megy K, Shakeel H, Ahmed M, Adlard J, Barwell J, Brewer C, Casey RT, Armstrong R, Cole T, Evans DG, Fostira F, Greenhalgh L, Hanson H, Henderson A, Hoffman J, Izatt L, Kumar A, Kwong A, Lalloo F, Ong KR, Paterson J, Park SM, Chen-Shtoyerman R, Searle C, Side L, Skytte AB, Snape K, Woodward ER; **NIHR BioResource Rare Diseases Consortium**, Tischkowitz MD, Maher ER.
   Am J Hum Genet. 2018 Jun 12. doi: 10.1016/j.ajhg.2018.04.013. [Epub ahead of print]
   PMID: 29909963

8. Visual Acuity Change Over 24 Months and its Association With Foveal Phenotype and Genotype in Individuals With Stargardt Disease: ProgStar Study Report No. 10.
   Kong X, Fujinami K, Strauss RW, Munoz B, West SK, Cideciyan AV, **Michaelides M**, Ahmed M, Ervin AM, Schönbach E, Cheetham JK, Scholl HPN; ProgStar Study Group.
   JAMA Ophthalmol. 2018 Jun 14. doi: 10.1001/jamaophthalmol.2018.2198. [Epub ahead of print]
   PMID: 29902293

9. Transplantation of Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells in Macular Degeneration.
   Mehat MS, Sundaram V, Ripamonti C, Robson AG, Smith AJ, Borooah S, Robinson M, Rosenthal AN, Innes W, Weleber RG, Lee RWJ, Crossland M, Rubin GS, Dhillon B, Steel DHW, Anglade E, Lanza RP, Ali RR, **Michaelides M**, Bainbridge JWB.
   Ophthalmology. 2018 Jun 5. doi: 10.1016/j.ophtha.2018.04.037. [Epub ahead of print]
   PMID: 29884405

10. Characterization of Visual Function, Interocular Variability and Progression Using Static Perimetry-Derived Metrics in RPGR-Associated Retinopathy.
Tee JJL, Yang Y, Kalitzeos A, Webster A, Bainbridge J, Weleber RG, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2018;59(6):2422-2436.
doi: 10.1167/iovs.17-23739.
PMID: 29847648

11. Automatic Cone Photoreceptor Localisation in Healthy and Stargardt Afflicted Retinas Using Deep Learning.
Davidson B, Kalitzeos A, Carroll J, Dubra A, Ourselin S, **Michaelides M**, Bergeles C.
Sci Rep. 2018;8(1):7911. doi: 10.1038/s41598-018-26350-3.
PMID: 29784939

12. Retrospective cohort study exploring whether an association exists between spatial distribution of cystoid spaces in cystoid macular oedema secondary to retinitis pigmentosa and response to treatment with carbonic anhydrase inhibitors
Strong SA, Hirji N, Quartilho A, Kalitzeos A, **Michaelides M**.
Br J Ophthalmol. 2018 Apr 29. doi: 10.1136/bjophthalmol-2017-311392.
[Epub ahead of print]
PMID: 29706600

13. Resolution of cystoid macular edema following arginine-restricted diet and vitamin B6 supplementation in a case of gyrate atrophy.
Casalino G, Pierro L, Manitto MP, **Michaelides M**, Bandello F.
J AAPOS. 2018 Apr 12. doi: 10.1016/j.jaapos.2017.12.016.
[Epub ahead of print]
PMID: 29654911

14. Retinal gene therapy.
Kumaran N, **Michaelides M**, Smith AJ, Ali RR, Bainbridge JWB.
Br Med Bull. 2018 Mar 1. doi: 10.1093/bmb/ldy005. [Epub ahead of print]
PMID: 29506236

15. Jalili Syndrome: Cross-sectional and Longitudinal Features of Seven Patients With Cone-Rod Dystrophy and Amelogenesis Imperfecta.
Hirji N, Bradley PD, Li S, Vincent A, Pennesi ME, Thomas AS, Heon E, Bhan A, Mahroo A, Robson A, Inglehearn CF, Moore AT, **Michaelides M**.
Am J Ophthalmol. 2018;188:123-130. doi: 10.1016/j.ajo.2018.01.029.
PMID: 29421294

16. Leber Congenital Amaurosis Associated with Mutations in CEP290, Clinical Phenotype, and Natural History in Preparation for Trials of Novel Therapies.
Sheck L, Davies WIL, Moradi P, Robson AG, Kumaran N, Liasis AC, Webster AR, Moore AT, **Michaelides M**.
Ophthalmology. 2018 Feb 2. doi: 10.1016/j.ophtha.2017.12.013. [Epub ahead of print]
PMID: 29398085

17. A clinical and molecular characterisation of CRB1-associated maculopathy.
Khan KN, Robson A, Mahroo OAR, Arno G, Inglehearn CF, Armengol M, Waseem N, Holder GE, Carss KJ, Raymond LF, Webster AR, Moore AT, McKibbin M, van Genderen MM, Poulter JA, **Michaelides M**; UK Inherited Retinal Disease Consortium.
Eur J Hum Genet. 2018 Feb 1. doi: 10.1038/s41431-017-0082-2. [Epub ahead of print]
PMID: 29391521

18. The integrity and organization of the human AIPL1 functional domains is critical for its role as a HSP90-dependent co-chaperone for rod PDE6.
Sacristan-Reviriego A, Bellingham J, Prodromou C, Boehm AN, Aichem A, Kumaran N, Bainbridge J, **Michaelides M**, van der Spuy J.
Hum Mol Genet. 2018;27(7):1309. doi: 10.1093/hmg/ddy024.
PMID: 29351602

19. Severe Loss of Tritan Color Discrimination in RPE65 Associated Leber Congenital Amaurosis.
Kumaran N, Ripamonti C, Kalitzeos A, Rubin GS, Bainbridge JWB, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2018;59(1):85-93. doi: 10.1167/iovs.17-22905.
PMID: 29332120

20. Early Patterns of Macular Degeneration in ABCA4-Associated Retinopathy.
Khan KN, Kasilian M, Mahroo OAR, Tanna P, Kalitzeos A, Robson AG, Tsunoda K, Iwata T, Moore AT, Fujinami K, **Michaelides M**.
Ophthalmology. 2018;125(5):735-746. doi: 10.1016/j.ophtha.2017.11.020.
PMID: 29310964

21. Achromatopsia: clinical features, molecular genetics, animal models and therapeutic options.
Hirji N, Aboshiha J, Georgiou M, Bainbridge J, **Michaelides M**.
Ophthalmic Genet. 2018;39(2):149-157.
doi: 0.1080/13816810.2017.1418389.
PMID: 29303385

22. PIGMENTED PARAVENOUS CHORIORETINAL ATROPHY-DETAILED CLINICAL STUDY OF A LARGE COHORT.
Shona OA, Islam F, Robson AG, Webster AR, Moore AT, **Michaelides M**.
Retina. 2018 Jan 3. doi: 10.1097/IAE.0000000000001950.
[Epub ahead of print]
PMID: 29300249

23. A novel missense mutation in HSF4 causes autosomal-dominant congenital lamellar cataract in a British family.
Berry V, Pontikos N, Moore A, Ionides ACW, Plagnol V, Cheetham ME, **Michaelides M**.
Eye (Lond). 2018;32(4):806-812. doi: 10.1038/eye.2017.268.
PMID: 29243736

24. CELLULAR IMAGING OF THE TAPETAL-LIKE REFLEX IN CARRIERS OF RPGR-ASSOCIATED RETINOPATHY.
Kalitzeos A, Samra R, Kasilian M, Tee JJL, Strampe M, Langlo C, Webster AR, Dubra A, Carroll J, **Michaelides M**.
Retina. 2017 Nov 22. doi: 10.1097/IAE.0000000000001965.
[Epub ahead of print]
PMID: 29190250

25. Adaptive optics imaging of inherited retinal diseases.
Georgiou M, Kalitzeos A, Patterson J, Dubra A, Carroll J, **Michaelides M**.
Br J Ophthalmol. 2017 Nov 15. doi: 10.1136/bjophthalmol-2017-311328.
[Epub ahead of print].
PMID: 29141905

26. Factors associated with visual acuity in patients with cystoid macular oedema and Retinitis Pigmentosa.
Liew G, Moore AT, Bradley PD, Webster AR, **Michaelides M**.
Ophthalmic Epidemiol. 2018;25(3):183-186.
doi: 10.1080/09286586.2017.1383448.
PMID: 29140735

27. Assessment of the incorporation of CNV surveillance into gene panel next-generation sequencing testing for inherited retinal diseases.
Ellingford JM, Horn B, Campbell C, Arno G, Barton S, Tate C, Bhaskar S, Sergouniotis PI, Taylor RL, Carss KJ, Raymond LFL, **Michaelides M**, Ramsden SC, Webster AR, Black GCM.
J Med Genet. 2018;55(2):114-121. doi: 10.1136/jmedgenet-2017-104791.
PMID: 29074561

28. Progression of Stargardt Disease as Determined by Fundus Autofluorescence in the Retrospective Progression of Stargardt Disease Study (ProgStar Report No. 9).
Strauss RW, Muñoz B, Ho A, Jha A, **Michaelides M**, Cideciyan AV, Audo I, Birch DG, Hariri AH, Nittala MG, Sadda S, West S, Scholl HPN; ProgStar Study Group.
JAMA Ophthalmol. 2017;135(11):1232-1241.
doi: 10.1001/jamaophthalmol.2017.4152.
PMID: 29049437

29. A recurrent splice-site mutation in EPHA2 causing congenital posterior nuclear cataract.
Berry V, Pontikos N, Albarca-Aguilera M, Plagnol V, Massouras A, Prescott D, Moore AT, Arno G, Cheetham ME, **Michaelides M**.
Ophthalmic Genet. 2018;39(2):236-241.
doi: 10.1080/13816810.2017.1381977.
PMID: 29039721

30. QUANTITATIVE ANALYSIS OF HYPERAUTOFLUORESCENT RINGS TO CHARACTERIZE THE NATURAL HISTORY AND PROGRESSION IN RPGR-ASSOCIATED RETINOPATHY.
Tee JJL, Kalitzeos A, Webster AR, Peto T, **Michaelides M**.
Retina. 2017 Oct 6. doi: 10.1097/IAE.0000000000001871.
[Epub ahead of print]
PMID: 29016458

31. The integrity and organization of the human AIPL1 functional domains is critical for its role as a HSP90-dependent co-chaperone for rod PDE6.
Sacristan-Reviriego A, Bellingham J, Prodromou C, Kumaran N, Bainbridge J, **Michaelides M**, van der Spuy J.
Hum Mol Genet. 2017;26(22):4465-4480. doi: 10.1093/hmg/ddx334.
PMID: 28973376

32. Missense variants in the X-linked gene PRPS1 cause retinal degeneration in females.
Fiorentino A, Fujinami K, Arno G, Robson AG, Pontikos N, Arasanz Armengol M, Plagnol V, Hayashi T, Iwata T, Parker M, Fowler T, Rendon A, Gardner JC, Henderson RH, Cheetham ME, Webster AR, **Michaelides M**, Hardcastle AJ; 100,000 Genomes Project, the Japan Eye Genetic Consortium and the UK Inherited Retinal Dystrophy Consortium.
Hum Mutat. 2018;39(1):80-91. doi: 10.1002/humu.23349.
PMID: 28967191

33. Bullous X linked retinoschisis: clinical features and prognosis.
Hinds AM, Fahim A, Moore AT, Wong SC, **Michaelides M**.
Br J Ophthalmol. 2018;102(5):622-624. doi: 10.1136/bjophthalmol-2017-310593.
PMID: 28848025

34. Duplication events downstream of IRX1 cause North Carolina macular dystrophy at the MCDR3 locus.
Cipriani V, Silva RS, Arno G, Pontikos N, Kalhoro A, Valeina S, Inashkina I, Audere M, Rutka K, Puech B, **Michaelides M**, van Heyningen V, Lace B, Webster AR, Moore AT.
Sci Rep. 2017;7(1):7512. doi: 10.1038/s41598-017-06387-6.
PMID: 28790370

35. Reliability and Repeatability of Cone Density Measurements in Patients With Stargardt Disease and RPGR-Associated Retinopathy.
Tanna P, Kasilian M, Strauss R, Tee J, Kalitzeos A, Tarima S, Visotcky A, Dubra A, Carroll J, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2017;58(9):3608-3615. doi: 10.1167/iovs.17-21904.
PMID: 28738413

36. A Quantitative and Qualitative Exploration of Photoaversion in Achromatopsia.
Aboshiha J, Kumaran N, Kalitzeos A, Hogg C, Rubin G, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2017;58(9):3537-3546. doi: 10.1167/iovs.17-21935.
PMID: 28715587

37. Leber congenital amaurosis/early-onset severe retinal dystrophy: clinical features, molecular genetics and therapeutic interventions.
Kumaran N, Moore AT, Weleber RG, **Michaelides M**.
Br J Ophthalmol. 2017;101(9):1147-1154. doi: 10.1136/bjophthalmol-2016-309975.
PMID: 28689169

38. Unsupervised identification of cone photoreceptors in non-confocal adaptive optics scanning light ophthalmoscope images.
Bergeles C, Dubis AM, Davidson B, Kasilian M, Kalitzeos A, Carroll J, Dubra A, **Michaelides M**, Ourselin S.
Biomed Opt Express. 2017;8(6):3081-3094. doi: 10.1364/BOE.8.003081.
PMID: 28663928

39. Genome-wide linkage and haplotype sharing analysis implicates the MCDR3 locus as a candidate region for a developmental macular disorder in association with digit abnormalities.
Cipriani V, Kalhoro A, Arno G, Silva RS, Pontikos N, Puech V, McClements ME, Hunt DM, van Heyningen V, **Michaelides M**, Webster AR, Moore AT, Puech B.
Ophthalmic Genet. 2017;38(6):511-519.
doi: 0.1080/13816810.2017.1289544.
PMID: 28635424

40. NORMAL ELECTROOCULOGRAPHY IN BEST DISEASE AND AUTOSOMAL RECESSIVE BESTROPHINOPATHY.
Khan KN, Islam F, Holder GE, Robson A, Webster AR, Moore AT, **Michaelides M**.
Retina. 2018;38(2):379-386. doi: 10.1097/IAE.0000000000001523.
PMID: 28590961

41. Specific Alleles of CLN7/MFSD8, a Protein That Localizes to Photoreceptor Synaptic Terminals, Cause a Spectrum of Nonsyndromic Retinal Dystrophy.
Khan KN, El-Asrag ME, Ku CA, Holder GE, McKibbin M, Arno G, Poulter JA, Carss K, Bommireddy T, Bagheri S, Bakall B, Scholl HP, Raymond FL, Toomes C, Inglehearn CF, Pennesi ME, Moore AT, **Michaelides M**, Webster AR, Ali M; for NIHR BioResource-Rare Diseases and UK Inherited Retinal Disease Consortium.
Invest Ophthalmol Vis Sci. 2017;58(7):2906-2914. doi: 10.1167/iovs.16-20608.
PMID: 28586915

42. Visual Acuity Change over 12 Months in the Prospective Progression of Atrophy Secondary to Stargardt Disease (ProgStar) Study: ProgStar Report Number 6.
Kong X, Strauss RW, Cideciyan AV, **Michaelides M**, Sahel JA, Munoz B, Ahmed M, Ervin AM, West SK, Cheetham JK, Scholl HPN; ProgStar Study Group.
Ophthalmology. 2017;124(11):1640-1651.
doi: 10.1016/j.ophtha.2017.04.026.
PMID: 28549516

43. Incidence of Atrophic Lesions in Stargardt Disease in the Progression of Atrophy Secondary to Stargardt Disease (ProgStar) Study: Report No. 5.
Strauss RW, Muñoz B, Ho A, Jha A, **Michaelides M**, Mohand-Said S, Cideciyan AV, Birch D, Hariri AH, Nittala MG, Sadda S, Scholl HPN; ProgStar Study Group.
JAMA Ophthalmol. 2017;135(7):687-695.
doi: 10.1001/jamaophthalmol.2017.1121.
PMID: 28542697

44. Detailed Clinical Phenotype and Molecular Genetic Findings in CLN3-Associated Isolated Retinal Degeneration.
Ku CA, Hull S, Arno G, Vincent A, Carss K, Kayton R, Weeks D, Anderson GW, Geraets R, Parker C, Pearce DA, **Michaelides M**, MacLaren RE, Robson AG, Holder GE, Heon E, Raymond FL, Moore AT, Webster AR, Pennesi ME.
JAMA Ophthalmol. 2017;135(7):749-760.
doi: 10.1001/jamaophthalmol.2017.1401.
PMID: 28542676

45. Validation of copy number variation analysis for next-generation sequencing diagnostics.
Ellingford JM, Campbell C, Barton S, Bhaskar S, Gupta S, Taylor RL, Sergouniotis PI, Horn B, Lamb JA, **Michaelides M**, Webster AR, Newman WG, Panda B, Ramsden SC, Black GC.
Eur J Hum Genet. 2017;25(6):719-724. doi: 10.1038/ejhg.2017.42.
PMID: 28378820

46. Highly sensitive measurements of disease progression in rare disorders: Developing and validating a multimodal model of retinal degeneration in Stargardt disease.
Lambertus S, Bax NM, Fakin A, Groenewoud JM, Klevering BJ, Moore AT, **Michaelides M**, Webster AR, van der Wilt GJ, Hoyng CB.
*PLoS On*e. 2017;12(3):e0174020. doi: 10.1371/journal.pone.0174020.
PMID: 28355279

47. Peripheral fundus findings in X-linked retinoschisis.
Fahim AT, Ali N, Blachley T, **Michaelides M**.
Br J Ophthalmol. 2017;101(11):1555-1559. doi: 10.1136/bjophthalmol-2016-310110.
PMID: 28348004

48. Quantitative Analysis of Retinal Structure Using Spectral-Domain Optical Coherence Tomography in RPGR-Associated Retinopathy.
Tee JJL, Carroll J, Webster AR, **Michaelides M**.
Am J Ophthalmol. 2017;178:18-26. doi: 10.1016/j.ajo.2017.03.012.
PMID: 28322733

49. Childhood-onset Leber hereditary optic neuropathy.
Majander A, Bowman R, Poulton J, Antcliff RJ, Reddy MA, **Michaelides M**, Webster AR, Chinnery PF, Votruba M, Moore AT, Yu-Wai-Man P.
Br J Ophthalmol. 2017;101(11):1505-1509. doi: 10.1136/bjophthalmol-2016-310072.
PMID: 28314831

50. Mutations in the Spliceosome Component CWC27 Cause Retinal Degeneration with or without Additional Developmental Anomalies.
Xu M, Xie YA, Abouzeid H, Gordon CT, Fiorentino A, Sun Z, Lehman A, Osman IS, Dharmat R, Riveiro-Alvarez R, Bapst-Wicht L, Babino D, Arno G, Busetto V, Zhao L, Li H, Lopez-Martinez MA, Azevedo LF, Hubert L, Pontikos N, Eblimit A, Lorda-Sanchez I, Kheir V, Plagnol V, Oufadem M, Soens ZT, Yang L, Bole-Feysot C, Pfundt R, Allaman-Pillet N, Nitschké P, Cheetham ME, Lyonnet S, Agrawal SA, Li H, Pinton G, **Michaelides M**, Besmond C, Li Y, Yuan Z, von Lintig J, Webster AR, Le Hir H, Stoilov P; UK Inherited Retinal Dystrophy Consortium, Amiel J, Hardcastle AJ, Ayuso C, Sui R, Chen R, Allikmets R, Schorderet DF.
Am J Hum Genet. 2017;100(4):592-604. doi: 10.1016/j.ajhg.2017.02.008.
PMID: 28285769

51. Association of Steroid 5α-Reductase Type 3 Congenital Disorder of Glycosylation With Early-Onset Retinal Dystrophy.
Taylor RL, Arno G, Poulter JA, Khan KN, Morarji J, Hull S, Pontikos N, Rueda Martin A, Smith KR, Ali M, Toomes C, McKibbin M, Clayton-Smith J, Grunewald S, **Michaelides M**, Moore AT, Hardcastle AJ, Inglehearn CF, Webster AR, Black GC; UK Inherited Retinal Disease Consortium and the 100,000 Genomes Project.
JAMA Ophthalmol. 2017;135(4):339-347.
doi: 10.1001/jamaophthalmol.2017.0046.
PMID: 28253385

52. DETAILED RETINAL IMAGING IN CARRIERS OF OCULAR ALBINISM.
Khan KN, Lord EC, Arno G, Islam F, Carss KJ, Raymond F, Toomes C, Ali M, Inglehearn CF, Webster AR, Moore AT, Poulter JA, **Michaelides M**.
Retina. 2018;38(3):620-628. doi: 10.1097/IAE.0000000000001570.
PMID: 28234808

53. THE FUNDUS PHENOTYPE ASSOCIATED WITH THE p.Ala243Val BEST1 MUTATION.
Khan KN, Islam F, Moore AT, **Michaelides M**.
Retina. 2018;38(3):606-613. doi: 10.1097/IAE.0000000000001569.
PMID: 28225368

54. Multisensory cue combination after sensory loss: Audio-visual localization in patients with progressive retinal disease.
Garcia SE, Jones PR, Reeve EI, **Michaelides M**, Rubin GS, Nardini M.
J Exp Psychol Hum Percept Perform. 2017;43(4):729-740.
doi: 10.1037/xhp0000344.
PMID: 28182481

55. Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration.
Arno G, Carss KJ, Hull S, Zihni C, Robson AG, Fiorentino A; **UK Inherited Retinal Disease Consortium**, Hardcastle AJ, Holder GE, Cheetham ME, Plagnol V; NIHR Bioresource - Rare Diseases Consortium, Moore AT, Raymond FL, Matter K, Balda MS, Webster AR.
Am J Hum Genet. 2017;100(2):334-342. doi: 10.1016/j.ajhg.2016.12.014. Epub 2017 Jan 26.
PMID: 28132693

56. Clinical Characterization of CNGB1-Related Autosomal Recessive Retinitis Pigmentosa.
Hull S, Attanasio M, Arno G, Carss K, Robson AG, Thompson DA, Plagnol V, **Michaelides M**, Holder GE, Henderson RH, Raymond FL, Moore AT, Webster AR.
JAMA Ophthalmol. 2017 Jan 5. doi: 10.1001/jamaophthalmol.2016.5213. [Epub ahead of print]
PMID: 28056120

57. Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease.
Carss KJ, Arno G, Erwood M, Stephens J, Sanchis-Juan A, Hull S, Megy K, Grozeva D, Dewhurst E, Malka S, Plagnol V, Penkett C, Stirrups K, Rizzo R, Wright G, Josifova D, Bitner-Glindzicz M, Scott RH, Clement E, Allen L, Armstrong R, Brady AF, Carmichael J, Chitre M, Henderson RHH, Hurst J, MacLaren RE, Murphy E, Paterson J, Rosser E, Thompson DA, Wakeling E, Ouwehand WH, **Michaelides M**, Moore AT; NIHR-BioResource Rare Diseases Consortium, Webster AR, Raymond FL.
Am J Hum Genet. 2017;100(1):75-90. doi: 10.1016/j.ajhg.2016.12.003.
PMID: 28041643

58. Retinitis pigmentosa-associated cystoid macular oedema: pathogenesis and avenues of intervention.
Strong S, Liew G, **Michaelides M**.
Br J Ophthalmol. 2017;101(1):31-37. doi: 10.1136/bjophthalmol-2016-309376.
PMID: 27913439

59. Vitamin A deficiency due to bi-allelic mutation of RBP4: There's more to it than meets the eye.
Khan KN, Carss K, Raymond FL, Islam F, Nihr BioResource-Rare Diseases Consortium, Moore AT, **Michaelides M**, Arno G.
Ophthalmic Genet. 2017;38(5):465-466.
doi: 10.1080/13816810.2016.1227453.
PMID: 27892788

60. Mutations in REEP6 Cause Autosomal-Recessive Retinitis Pigmentosa.
Arno G, Agrawal SA, Eblimit A, Bellingham J, Xu M, Wang F, Chakarova C, Parfitt DA, Lane A, Burgoyne T, Hull S, Carss KJ, Fiorentino A, Hayes MJ, Munro PM, Nicols R, Pontikos N, Holder GE; UKIRDC, Asomugha C, Raymond FL, Moore AT, Plagnol V, **Michaelides M**, Hardcastle AJ, Li Y, Cukras C, Webster AR, Cheetham ME, Chen R.
Am J Hum Genet. 2016;99(6):1305-1315. doi: 10.1016/j.ajhg.2016.10.008.
PMID: 27889058

61. Mutations in CPAMD8 Cause a Unique Form of Autosomal-Recessive Anterior Segment Dysgenesis.
Cheong SS, Hentschel L, Davidson AE, Gerrelli D, Davie R, Rizzo R, Pontikos N, Plagnol V, Moore AT, Sowden JC, **Michaelides M**, Snead M, Tuft SJ, Hardcastle AJ.
Am J Hum Genet. 2016;99(6):1338-1352. doi: 10.1016/j.ajhg.2016.09.022.
PMID: 27839872

62. The Effect on Retinal Structure and Function of 15 Specific ABCA4 Mutations: A Detailed Examination of 82 Hemizygous Patients.
Fakin A, Robson AG, Chiang JP, Fujinami K, Moore AT, **Michaelides M**, Holder GE, Webster AR.
Invest Ophthalmol Vis Sci. 2016;57(14):5963-5973. doi: 10.1167/iovs.16-20446.
PMID: 27820952

63. Stargardt disease: clinical features, molecular genetics, animal models and therapeutic options.
Tanna P, Strauss RW, Fujinami K, **Michaelides M**.
Br J Ophthalmol. 2017;101(1):25-30. doi: 10.1136/bjophthalmol-2016-308823.
PMID: 27491360

64. FUNCTIONAL AND ANATOMICAL OUTCOMES OF CHOROIDAL NEOVASCULARIZATION COMPLICATING BEST1-RELATED RETINOPATHY.
Khan KN, Mahroo OA, Islam F, Webster AR, Moore AT, **Michaelides M**.
Retina. 2017;37(7):1360-1370. doi: 10.1097/IAE.0000000000001357.
PMID: 27764019

65. Treatment of Retinitis Pigmentosa-Associated Cystoid Macular Oedema Using Intravitreal Aflibercept (Eylea) despite Minimal Response to Ranibizumab (Lucentis): A Case Report.
Strong SA, Gurbaxani A, **Michaelides M**.
Case Rep Ophthalmol. 2016;7(2):389-397.
PMID: 27721789

66. Standing Balance Stability and the Effects of Light Touch in Adults With Profound Loss of Vision-An Exploratory Study.
Kotecha A, Webster AR, Wright G, **Michaelides M**, Rubin GS.
Invest Ophthalmol Vis Sci. 2016;57(11):5053-5059. doi: 10.1167/iovs.16-19606.
PMID: 27661857

67. Development of an optimized AAV2/5 gene therapy vector for Leber congenital amaurosis owing to defects in RPE65.
Georgiadis A, Duran Y, Ribeiro J, Abelleira-Hervas L, Robbie SJ, Sünkel-Laing B, Fourali S, Gonzalez-Cordero A, Cristante E, **Michaelides M**, Bainbridge JW, Smith AJ, Ali RR.
Gene Ther. 2016;23(12):857-862. doi: 10.1038/gt.2016.66.
PMID: 27653967

68. Reevaluation of the Retinal Dystrophy Due to Recessive Alleles of RGR With the Discovery of a Cis-Acting Mutation in CDHR1.
Arno G, Hull S, Carss K, Dev-Borman A, Chakarova C, Bujakowska K, van den Born LI, Robson AG, Holder GE, **Michaelides M**, Cremers FP, Pierce E, Raymond FL, Moore AT, Webster AR.
Invest Ophthalmol Vis Sci. 2016;57(11):4806-13. doi: 10.1167/iovs.16-19687.
PMID: 27623334

69. The New Pretender: A Large UK Case Series of Retinal Injuries in Children Secondary to Handheld Lasers.
Raoof N, Bradley P, Theodorou M, Moore AT, **Michaelides M**.
Am J Ophthalmol. 2016;171:88-94. doi: 10.1016/j.ajo.2016.08.027.
PMID: 27590121

70. OCT angiography in the management of choroidal neovascular membrane secondary to Sorsby fundus dystrophy.
Mohla A, Khan K, Kasilian M, **Michaelides M**.
BMJ Case Rep. 2016 Sep 1. doi: 10.1136/bcr-2016-216453.
PMID: 27587748

71. Phenotype and Progression of Retinal Degeneration Associated With Nullizigosity of ABCA4.
Fakin A, Robson AG, Fujinami K, Moore AT, **Michaelides M**, Pei-Wen Chiang J, E Holder G, Webster AR.
Invest Ophthalmol Vis Sci. 2016;57(11):4668-78. doi: 10.1167/iovs.16-19829.
PMID: 27583828

72. Clinical and Genetic Features of Choroideremia in Childhood.
Khan KN, Islam F, Moore AT, **Michaelides M**.
Ophthalmology. 2016;123(10):2158-65.
doi: 10.1016/j.ophtha.2016.06.051.
PMID: 27506488

73. Cone Photoreceptor Structure in Patients With X-Linked Cone Dysfunction and Red-Green Color Vision Deficiency.
Patterson EJ, Wilk M, Langlo CS, Kasilian M, Ring M, Hufnagel RB, Dubis AM, Tee JJ, Kalitzeos A, Gardner JC, Ahmed ZM, Sisk RA, Larsen M, Sjoberg S, Connor TB, Dubra A, Neitz J, Hardcastle AJ, Neitz M, **Michaelides M**, Carroll J.
Invest Ophthalmol Vis Sci. 2016;57(8):3853-63. doi: 10.1167/iovs.16-19608.
PMID: 27447086

74. Expanding the Phenotype of TRNT1-Related Immunodeficiency to Include Childhood Cataract and Inner Retinal Dysfunction.
Hull S, Malik AN, Arno G, Mackay DS, Plagnol V, **Michaelides M**, Mansour S, Albanese A, Brown KT, Holder GE, Webster AR, Heath PT, Moore AT.
JAMA Ophthalmol. 2016;134(9):1049-53.
doi: 10.1001/jamaophthalmol.2015.5833.
PMID: 27389523

75. Characterization of CDH3-Related Congenital Hypotrichosis With Juvenile Macular Dystrophy.
Hull S, Arno G, Robson AG, Broadgate S, Plagnol V, McKibbin M, Halford S, **Michaelides M**, Holder GE, Moore AT, Khan KN, Webster AR.
JAMA Ophthalmol. 2016;134(9):992-1000.
doi: 10.1001/jamaophthalmol.2016.2089.
PMID: 27386845

76. Visual Acuity Loss and Associated Risk Factors in the Retrospective Progression of Stargardt Disease Study (ProgStar Report No. 2).
Kong X, Strauss RW, **Michaelides M**, Cideciyan AV, Sahel JA, Muñoz B, West S, Scholl HP; ProgStar Study Group.
Ophthalmology. 2016;123(9):1887-97. doi: 10.1016/j.ophtha.2016.05.027.
PMID: 27378015

77. Comparison of Short-Wavelength Reduced-Illuminance and Conventional Autofluorescence Imaging in Stargardt Macular Dystrophy.
Strauss RW, Muñoz B, Jha A, Ho A, Cideciyan AV, Kasilian ML, Wolfson Y, Sadda S, West S, Scholl HPN, **Michaelides M**.
Am J Ophthalmol. 2016;168:269-278. doi: 10.1016/j.ajo.2016.06.003.
PMID: 27296491

78. Unilateral BEST1-Associated Retinopathy.
Arora R, Khan K, Kasilian ML, Strauss RW, Holder GE, Robson AG, Thompson DA, Moore AT, **Michaelides M**.
Am J Ophthalmol. 2016;169:24-32. doi: 10.1016/j.ajo.2016.05.024.
PMID: 27287821

79. Recessive Retinopathy Consequent on Mutant G-Protein β Subunit 3 (GNB3).
Arno G, Holder GE, Chakarova C, Kohl S, Pontikos N, Fiorentino A, Plagnol V, Cheetham ME, Hardcastle AJ, Webster AR, **Michaelides M**; UK Inherited Retinal Disease Consortium.
JAMA Ophthalmol. 2016;134(8):924-7.
doi: 10.1001/jamaophthalmol.2016.1543.
PMID: 27281386

80. Novel heterozygous mutation in YAP1 in a family with isolated ocular colobomas.
Oatts JT, Hull S, **Michaelides M**, Arno G, Webster AR, Moore AT.
Ophthalmic Genet. 2017;38(3):281-283.
doi: 10.1080/13816810.2016.1188122.
PMID: 27267789

81. Molecular and Clinical Findings in Patients With Knobloch Syndrome.
Hull S, Arno G, Ku CA, Ge Z, Waseem N, Chandra A, Webster AR, Robson AG, **Michaelides M**, Weleber RG, Davagnanam I, Chen R, Holder GE, Pennesi ME, Moore AT.
JAMA Ophthalmol. 2016;134(7):753-62.
doi: 10.1001/jamaophthalmol.2016.1073.
PMID: 27259167

82. Cone opsins, colour blindness and cone dystrophy: Genotype-phenotype correlations.
Gardner JC, **Michaelides M**, Hardcastle AJ.
S Afr Med J. 2016;106(6 Suppl 1):S75-8.
doi: 10.7196/SAMJ.2016.v106i6.11001.
PMID: 27245533

83. Investigation of SLA4A3 as a candidate gene for human retinal disease.
Downs LM, Webster AR, Moore AT, **Michaelides M**, Ali RR, Hardcastle AJ, Mellersh CS.
J Negat Results Biomed. 2016;15:11. doi: 10.1186/s12952-016-0054-z.
PMID: 27211793

84. Differentiating drusen: Drusen and drusen-like appearances associated with ageing, age-related macular degeneration, inherited eye disease and other pathological processes.
Khan KN, Mahroo OA, Khan RS, Mohamed MD, McKibbin M, Bird A, **Michaelides M**, Tufail A, Moore AT.
Prog Retin Eye Res. 2016;53:70-106.
doi: 10.1016/j.preteyeres.2016.04.008.
PMID: 27173377

85. Advanced diagnostic genetic testing in inherited retinal disease: experience from a single tertiary referral centre in the UK National Health Service.
Khan KN, Chana R, Ali N, Wright G, Webster R, Moore T, **Michaelides M**.
Clin Genet. 2017;91(1):38-45. doi: 10.1111/cge.12798.
PMID: 27160483

86. Dissociations in Coherence Sensitivity Reveal Atypical Development of Cortical Visual Processing in Congenital Achromatopsia.
Burton E, Wattam-Bell J, S Rubin G, Aboshiha J, **Michaelides M**, Atkinson J, Braddick O, Nardini M.
Invest Ophthalmol Vis Sci. 2016;57(4):2251-9. doi: 10.1167/iovs.15-18414.
PMID: 27124317

87. Phenotypic features of CRB1-associated early-onset severe retinal dystrophy and the different molecular approaches to identifying the disease-causing variants.
Kousal B, Dudakova L, Gaillyova R, Hejtmankova M, Diblik P, **Michaelides M**, Liskova P.
Graefes Arch Clin Exp Ophthalmol. 2016;254(9):1833-9.
doi: 10.1007/s00417-016-3358-2.
PMID: 27113771

88. The Effect of Multispot Laser Panretinal Photocoagulation on Retinal Sensitivity and Driving Eligibility in Patients With Diabetic Retinopathy.
Subash M, Comyn O, Samy A, Qatarneh D, Antonakis S, Mehat M, Tee J, Mansour T, Xing W, Bunce C, Viswanathan A, Rubin G, Weleber R, Peto T, Wickham L, **Michaelides M**.
JAMA Ophthalmol. 2016;134(6):666-72.
doi: 10.1001/jamaophthalmol.2016.0629.
PMID: 27077924

89. Nonsyndromic Retinal Dystrophy due to Bi-Allelic Mutations in the Ciliary Transport Gene IFT140.
Hull S, Owen N, Islam F, Tracey-White D, Plagnol V, Holder GE, **Michaelides M**, Carss K, Raymond FL, Rozet JM, Ramsden SC, Black GC, Perrault I, Sarkar A, Moosajee M, Webster AR, Arno G, Moore AT.
Invest Ophthalmol Vis Sci. 2016;57(3):1053-62. doi: 10.1167/iovs.15-17976.
PMID: 26968735

90. Effects of Intraframe Distortion on Measures of Cone Mosaic Geometry from Adaptive Optics Scanning Light Ophthalmoscopy.
Cooper RF, Sulai YN, Dubis AM, Chui TY, Rosen RB, **Michaelides M**, Dubra A, Carroll J.
Transl Vis Sci Technol. 2016;5(1):10.
PMID: 26933523

91. Preserved visual function in retinal dystrophy due to hypomorphic *RPE65* mutations.
Hull S, Holder GE, Robson AG, Mukherjee R, **Michaelides M**, Webster AR, Moore AT.
Br J Ophthalmol. 2016;100(11):1499-1505. doi: 10.1136/bjophthalmol-2015-308019.
PMID: 26906952

92. Lamination of the Outer Plexiform Layer in Optic Atrophy Caused by Dominant WFS1 Mutations.
Majander A, Bitner-Glindzicz M, Chan CM, Duncan HJ, Chinnery PF, Subash M, Keane PA, Webster AR, Moore AT, **Michaelides M**, Yu-Wai-Man P.
Ophthalmology. 2016;123(7):1624-6. doi: 10.1016/j.ophtha.2016.01.007.
PMID: 26875006

93. RPGR-associated retinopathy: clinical features, molecular genetics, animal models and therapeutic options.
Tee JJ, Smith AJ, Hardcastle AJ, **Michaelides M**.
Br J Ophthalmol. 2016;100(8):1022-7. doi: 10.1136/bjophthalmol-2015-307698.
PMID: 26843488

94. The Natural History of the Progression of Atrophy Secondary to Stargardt Disease (ProgStar) Studies: Design and Baseline Characteristics: ProgStar Report No. 1.
Strauss RW, Ho A, Muñoz B, Cideciyan AV, Sahel JA, Sunness JS, Birch DG, Bernstein PS, **Michaelides M**, Traboulsi EI, Zrenner E, Sadda S, Ervin AM, West S, Scholl HP; Progression of Stargardt Disease Study Group.
Ophthalmology. 2016;123(4):817-28. doi: 10.1016/j.ophtha.2015.12.009.
PMID: 26786511

95. Disease Expression in Autosomal Recessive Retinal Dystrophy Associated With Mutations in the DRAM2 Gene.
Sergouniotis PI, McKibbin M, Robson AG, Bolz HJ, De Baere E, Müller PL, Heller R, El-Asrag ME, Van Schil K, Plagnol V, Toomes C; Uk Inherited Retinal Disease Consortium, Ali M, Holder GE, Charbel Issa P, Leroy BP, Inglehearn CF, Webster AR.
Invest Ophthalmol Vis Sci. 2015;56(13):8083-90. doi: 10.1167/iovs.15-17604.
PMID: 26720460

96. Safety and Proof-of-Concept Study of Oral QLT091001 in Retinitis Pigmentosa Due to Inherited Deficiencies of Retinal Pigment Epithelial 65 Protein (RPE65) or Lecithin:Retinol Acyltransferase (LRAT).
Scholl HP, Moore AT, Koenekoop RK, Wen Y, Fishman GA, van den Born LI, Bittner A, Bowles K, Fletcher EC, Collison FT, Dagnelie G, Degli Eposti S, **Michaelides M**, Saperstein DA, Schuchard RA, Barnes C, Zein W, Zobor D, Birch DG, Mendola JD, Zrenner E; RET IRD 01 Study Group.
PLoS One. 2015;10(12):e0143846. doi: 10.1371/journal.pone.0143846.
PMID: 26656277

97. Investigation of Aberrant Splicing Induced by AIPL1 Variations as a Cause of Leber Congenital Amaurosis.
Bellingham J, Davidson AE, Aboshiha J, Simonelli F, Bainbridge JW, **Michaelides M**, van der Spuy J.
Invest Ophthalmol Vis Sci. 2015;56(13):7784-7793. doi: 10.1167/iovs.15-18092.
PMID: 26650897

98. Mutations in CACNA2D4 Cause Distinctive Retinal Dysfunction in Humans.
Ba-Abbad R, Arno G, Carss K, Stirrups K, Penkett CJ, Moore AT, **Michaelides M**, Raymond FL, Webster AR, Holder GE.
Ophthalmology. 2016;123(3):668-71.e2.
doi: 10.1016/j.ophtha.2015.09.045.
PMID: 26560832

99. Reliability and Repeatability of Cone Density Measurements in Patients with Congenital Achromatopsia.
Abozaid MA, Langlo CS, Dubis AM, **Michaelides M**, Tarima S, Carroll J.
Adv Exp Med Biol. 2016;854:277-83. doi: 10.1007/978-3-319-17121-0_37.
PMID: 26427422

100. Retinal Architecture in RGS9- and R9AP-Associated Retinal Dysfunction (Bradyopsia).
Strauss RW, Dubis AM, Cooper RF, Ba-Abbad R, Moore AT, Webster AR, Dubra A, Carroll J, **Michaelides M**.
Am J Ophthalmol. 2015;160(6):1269-1275.e1.
doi: 10.1016/j.ajo.2015.08.032.
PMID: 26343007

101. New and emerging technologies for the treatment of inherited retinal diseases: a horizon scanning review.
Smith J, Ward D, **Michaelides M**, Moore AT, Simpson S.
Eye (Lond). 2015;29(9):1131-40. doi: 10.1038/eye.2015.115.
PMID: 26113499

102. Mutations in the unfolded protein response regulator ATF6 cause the cone dysfunction disorder achromatopsia.
Kohl S, Zobor D, Chiang WC, Weisschuh N, Staller J, Gonzalez Menendez I, Chang S, Beck SC, Garcia Garrido M, Sothilingam V, Seeliger MW, Stanzial F, Benedicenti F, Inzana F, Héon E, Vincent A, Beis J, Strom TM, Rudolph G, Roosing S, Hollander AI, Cremers FP, Lopez I, Ren H, Moore AT, Webster AR, **Michaelides M**, Koenekoop RK, Zrenner E, Kaufman RJ, Tsang SH, Wissinger B, Lin JH.
Nat Genet. 2015;47(7):757-65. doi: 10.1038/ng.3319.
PMID: 26029869

103. Biallelic mutations in the autophagy regulator DRAM2 cause retinal dystrophy with early macular involvement.
El-Asrag ME, Sergouniotis PI, McKibbin M, Plagnol V, Sheridan E, Waseem N, Abdelhamed Z, McKeefry D, Van Schil K, Poulter JA; UK **Inherited Retinal Disease Consortium**, Johnson CA, Carr IM, Leroy BP, De Baere E, Inglehearn CF, Webster AR, Toomes C, Ali M.
Am J Hum Genet. 2015;96(6):948-54.
doi: 10.1016/j.ajhg.2015.04.006. Epub 2015 May 14.
PMID: 25983245

104. Retinal Development in Infants and Young Children with Achromatopsia.
Lee H, Purohit R, Sheth V, McLean RJ, Kohl S, Leroy BP, Sundaram V, **Michaelides M**, Proudlock FA, Gottlob I.
Ophthalmology. 2015;122(10):2145-7.
doi: 10.1016/j.ophtha.2015.03.033.
PMID: 25972256

105. Long-term effect of gene therapy on Leber's congenital amaurosis.
Bainbridge JW, Mehat MS, Sundaram V, Robbie SJ, Barker SE, Ripamonti C, Georgiadis A, Mowat FM, Beattie SG, Gardner PJ, Feathers KL, Luong VA, Yzer S, Balaggan K, Viswanathan A, de Ravel TJ, Casteels I, Holder GE, Tyler N, Fitzke FW, Weleber RG, Nardini M, Moore AT, Thompson DA, Petersen-Jones SM, **Michaelides M**, van den Born LI, Stockman A, Smith AJ, Rubin G, Ali RR.
N Engl J Med. 2015;372(20):1887-97.
doi: 10.1056/NEJMoa1414221.
PMID: 25938638

106. Author reply: To PMID 24480711.
Halford S, Liew G, Mackay DS, Sergouniotis PI, Holt R, Broadgate S, Volpi EV, Ocaka L, Robson AG, Holder GE, Moore AT, **Michaelides M**, Webster AR.
Ophthalmology. 2015;122(4):e22. doi: 10.1016/j.ophtha.2014.08.041.
PMID: 25797088

107. The cone dysfunction syndromes.
Aboshiha J, Dubis AM, Carroll J, Hardcastle AJ, **Michaelides M**.
Br J Ophthalmol. 2016;100(1):115-21.
doi: 10.1136/bjophthalmol-2014-306505.
PMID: 25770143

108. CNGB3-Achromatopsia Clinical Trial With CNTF: Diminished Rod Pathway Responses With No Evidence of Improvement in Cone Function.
Langlo C, Dubis A, **Michaelides M**, Carroll J.
Invest Ophthalmol Vis Sci. 2015;56(3):1505. doi: 10.1167/iovs.14-15897.
PMID: 25737149

109. Efficacy and prognostic factors of response to carbonic anhydrase inhibitors in management of cystoid macular edema in retinitis pigmentosa.
Liew G, Moore AT, Webster AR, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2015;56(3):1531-6. doi: 10.1167/iovs.14-15995.
PMID: 25670491

110. Advancing therapeutic strategies for inherited retinal degeneration: recommendations from the Monaciano Symposium.
Thompson DA, Ali RR, Banin E, Branham KE, Flannery JG, Gamm DM, Hauswirth WW, Heckenlively JR, Iannaccone A, Jayasundera KT, Khan NW, Molday RS, Pennesi ME, Reh TA, Weleber RG, Zacks DN; **Monaciano Consortium**.
Invest Ophthalmol Vis Sci. 2015;56(2):918-31.
doi: 10.1167/iovs.14-16049.
PMID: 25667399

111. Preserved outer retina in AIPL1 Leber's congenital amaurosis: implications for gene therapy.
Aboshiha J, Dubis AM, van der Spuy J, Nishiguchi KM, Cheeseman EW, Ayuso C, Ehrenberg M, Simonelli F, Bainbridge JW, **Michaelides M**.
Ophthalmology. 2015;122(4):862-4. doi: 10.1016/j.ophtha.2014.11.019.
PMID: 25596619

112. Severe retinal degeneration in women with a c.2543del mutation in ORF15 of the RPGR gene.
Kousal B, Skalicka P, Valesova L, Fletcher T, Hart-Holden N, O'Grady A, Chakarova CF, **Michaelides M**, Hardcastle AJ, Liskova P.
Mol Vis. 2014;20:1307-17.
PMID: 25352739

113. Clinical and molecular characteristics of childhood-onset Stargardt disease.
Fujinami K, Zernant J, Chana RK, Wright GA, Tsunoda K, Ozawa Y, Tsubota K, Robson AG, Holder GE, Allikmets R, **Michaelides M**, Moore AT.
Ophthalmology. 2015;122(2):326-34. doi: 10.1016/j.ophtha.2014.08.012.
PMID: 25312043

114. Genotype-dependent variability in residual cone structure in achromatopsia: toward developing metrics for assessing cone health.
Dubis AM, Cooper RF, Aboshiha J, Langlo CS, Sundaram V, Liu B, Collison F, Fishman GA, Moore AT, Webster AR, Dubra A, Carroll J, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2014;55(11):7303-11.
doi: 10.1167/iovs.14-14225.
PMID: 25277229

115. Dark-adaptation functions in molecularly confirmed achromatopsia and the implications for assessment in retinal therapy trials.
Aboshiha J, Luong V, Cowing J, Dubis AM, Bainbridge JW, Ali RR, Webster AR, Moore AT, Fitzke FW, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2014;55(10):6340-9.
doi: 10.1167/iovs.14-14910.
PMID: 25168900

116. Three different cone opsin gene array mutational mechanisms with genotype-phenotype correlation and functional investigation of cone opsin variants.
Gardner JC, Liew G, Quan YH, Ermetal B, Ueyama H, Davidson AE, Schwarz N, Kanuga N, Chana R, Maher ER, Webster AR, Holder GE, Robson G, Cheetham ME, Liebelt J, Ruddle B, Moore AT, **Michaelides M**, Hardcastle AJ.
Hum Mutat. 2014;35(11):1354-62. doi: 10.1002/humu.22679.
PMID: 25168334

117. A prospective longitudinal study of retinal structure and function in achromatopsia.
Aboshiha J, Dubis AM, Cowing J, Fahy RT, Sundaram V, Bainbridge JW, Ali RR, Dubra A, Nardini M, Webster AR, Moore AT, Rubin G, Carroll J, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2014;55(9):5733-43.
doi: 10.1167/iovs.14-14937.
PMID: 25103266

118. Author reply: To PMID 24148654.
Sundaram V, Carroll J, **Michaelides M**.
Ophthalmology. 2014;121(8):e41. doi: 10.1016/j.ophtha.2014.03.008.
PMID: 24793523

119. Visual consequences of molecular changes in the guanylate cyclase-activating protein.
Stockman A, Henning GB, Moore AT, Webster AR, **Michaelides M**, Ripamonti C.
Invest Ophthalmol Vis Sci. 2014;55(3):1930-40.
doi: 10.1167/iovs.13-13682.
PMID: 24557353

120. A comparison of the causes of blindness certifications in England and Wales in working age adults (16-64 years), 1999-2000 with 2009-2010.
Liew G, **Michaelides M**, Bunce C.
BMJ Open. 2014;4(2):e004015. doi: 10.1136/bmjopen-2013-004015.
PMID: 24525390

121. Detailed phenotypic and genotypic characterization of bietti crystalline dystrophy.
Halford S, Liew G, Mackay DS, Sergouniotis PI, Holt R, Broadgate S, Volpi EV, Ocaka L, Robson AG, Holder GE, Moore AT, **Michaelides M**, Webster AR.
Ophthalmology. 2014;121(6):1174-84. doi: 10.1016/j.ophtha.2013.11.042.
PMID: 24480711

122. The extended clinical phenotype of dome-shaped macula.
Errera MH, **Michaelides M**, Keane PA, Restori M, Paques M, Moore AT, Yeoh J, Chan D, Egan CA, Patel PJ, Tufail A.
Graefes Arch Clin Exp Ophthalmol. 2014;252(3):499-508.
doi: 10.1007/s00417-013-2561-7.
PMID: 24464468

123. Longitudinal follow-up of siblings with a discordant Stargardt disease phenotype.
Singh R, Fujinami K, Chen LL, **Michaelides M**, Moore AT.
Acta Ophthalmol. 2014;92(4):e331-2. doi: 10.1111/aos.12280.
PMID: 24428930

124. Vision in observers with enhanced S-cone syndrome: an excess of s-cones but connected mainly to conventional s-cone pathways.
Ripamonti C, Aboshiha J, Henning GB, Sergouniotis PI, **Michaelides M**, Moore AT, Webster AR, Stockman A.
Invest Ophthalmol Vis Sci. 2014;55(2):963-76. doi: 10.1167/iovs.13-12897.
PMID: 24425859

125. Cone dystrophy with "supernormal" rod ERG: psychophysical testing shows comparable rod and cone temporal sensitivity losses with no gain in rod function.
Stockman A, Henning GB, **Michaelides M**, Moore AT, Webster AR, Cammack J, Ripamonti C.
Invest Ophthalmol Vis Sci. 2014;55(2):832-40. doi: 10.1167/iovs.13-12919.
PMID: 24370833

126. Clinical characteristics of early retinal disease due to CDHR1 mutation.
Ba-Abbad R, Sergouniotis PI, Plagnol V, Robson AG, **Michaelides M**, Holder GE, Webster AR.
Mol Vis. 2013;19:2250-9.
PMID: 24265541

127. A longitudinal study of Stargardt disease: quantitative assessment of fundus autofluorescence, progression, and genotype correlations.
Fujinami K, Lois N, Mukherjee R, McBain VA, Tsunoda K, Tsubota K, Stone EM, Fitzke FW, Bunce C, Moore AT, Webster AR, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2013;54(13):8181-90.
doi: 10.1167/iovs.13-12104.
PMID: 24265018

128. The value of routine polymerase chain reaction analysis of intraocular fluid specimens in the diagnosis of infectious posterior uveitis.
Scheepers MA, Lecuona KA, Rogers G, Bunce C, Corcoran C, **Michaelides M**.
ScientificWorldJournal. 2013;2013:545149. doi: 10.1155/2013/545149.
PMID: 24250270

129. Potential of handheld optical coherence tomography to determine cause of infantile nystagmus in children by using foveal morphology.
Lee H, Sheth V, Bibi M, Macnachie G, Patel A, McLean J, **Michaelides M**, Thomas MG, Proudlock FA, Gottlob I.
Ophthalmology. 2013;120(12):2714-24. doi:10.1016/j.ophtha.2013.07.018.
PMID: 24161406

130. Retinal structure and function in achromatopsia: implications for gene therapy.
Sundaram V, Wilde C, Aboshiha J, Cowing J, Han C, Langlo CS, Chana R, Davidson AE, Sergouniotis PI, Bainbridge JW, Ali RR, Dubra A, Rubin G, Webster AR, Moore AT, Nardini M, Carroll J, **Michaelides M**.
Ophthalmology. 2014;121(1):234-45. doi: 10.1016/j.ophtha.2013.08.017.
PMID: 24148654

131. Human cone visual pigment deletions spare sufficient photoreceptors to warrant gene therapy.
Cideciyan AV, Hufnagel RB, Carroll J, Sumaroka A, Luo X, Schwartz SB, Dubra A, Land M, **Michaelides M**, Gardner JC, Hardcastle AJ, Moore AT, Sisk RA, Ahmed ZM, Kohl S, Wissinger B, Jacobson SG.
Hum Gene Ther. 2013;24(12):993-1006. doi: 10.1089/hum.2013.153.
PMID: 24067079

132. Fine central macular dots associated with childhood-onset Stargardt Disease.
Fujinami K, Singh R, Carroll J, Zernant J, Allikmets R, **Michaelides M**, Moore AT.
Acta Ophthalmol. 2014;92(2):e157-9. doi: 10.1111/aos.12259.
PMID: 24020726

133. Structural and functional measures of efficacy in response to bevacizumab monotherapy in diabetic macular oedema: exploratory analyses of the BOLT study (report 4).
Sivaprasad S, Crosby-Nwaobi R, Esposti SD, Peto T, Rajendram R, **Michaelides M**, Hykin P.
PLoS One. 2013;8(8):e72755. doi: 10.1371/journal.pone.0072755.
PMID: 24013651

134. ABCA4 gene screening by next-generation sequencing in a British cohort.
Fujinami K, Zernant J, Chana RK, Wright GA, Tsunoda K, Ozawa Y, Tsubota K, Webster AR, Moore AT, Allikmets R, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2013;54(10):6662-74.
doi: 10.1167/iovs.13-12570.
PMID: 23982839

135. Clinical and molecular analysis of Stargardt disease with preserved foveal structure and function.
Fujinami K, Sergouniotis PI, Davidson AE, Wright G, Chana RK, Tsunoda K, Tsubota K, Egan CA, Robson AG, Moore AT, Holder E, **Michaelides M**, Webster AR.
Am J Ophthalmol. 2013;156(3):487-501.e1.
doi: 10.1016/j.ajo.2013.05.003.
PMID: 23953153

136. Injection frequency and response to bevacizumab monotherapy for diabetic macular oedema (BOLT Report 5).
Sivaprasad S, Crosby-Naobi R, Heng Z, Peto T, **Michaelides M**, Hykin P.
Br J Ophthalmol. 2013;97(9):1177-80.
doi: 10.1136/bjophthalmol-2013-303168.
PMID: 23823078

137. The clinical effect of homozygous ABCA4 alleles in 18 patients.
Fujinami K, Sergouniotis PI, Davidson AE, Mackay DS, Tsunoda K, Tsubota K, Robson AG, Holder GE, Moore AT, **Michaelides M**, Webster AR.
Ophthalmology. 2013;120(11):2324-31.
doi: 10.1016/j.ophtha.2013.04.016.
PMID: 23769331

138. A longitudinal study of stargardt disease: clinical and electrophysiologic assessment, progression, and genotype correlations.
Fujinami K, Lois N, Davidson AE, Mackay DS, Hogg CR, Stone EM, Tsunoda K, Tsubota K, Bunce C, Robson AG, Moore AT, Webster AR, Holder GE, **Michaelides M**.
Am J Ophthalmol. 2013;155(6):1075-1088.e13.
doi: 10.1016/j.ajo.2013.01.018.
PMID: 23499370

139. X-linked cone dystrophy and colour vision deficiency arising from a missense mutation in a hybrid L/M cone opsin gene.
McClements M, Davies WI, **Michaelides M**, Carroll J, Rha J, Mollon JD, Neitz M, MacLaren RE, Moore AT, Hunt DM.
Vision Res. 2013;80:41-50. doi: 10.1016/j.visres.2012.12.012.
PMID: 23337435

140. Variations in opsin coding sequences cause x-linked cone dysfunction syndrome with myopia and dichromacy.
McClements M, Davies WI, **Michaelides M**, Young T, Neitz M, MacLaren RE, Moore AT, Hunt DM.
Invest Ophthalmol Vis Sci. 2013;54(2):1361-9. doi: 10.1167/iovs.12-11156.
PMID: 23322568

141. Phenotypic findings in C1QTNF5 retinopathy (late-onset retinal degeneration).
Soumplis V, Sergouniotis PI, Robson AG, **Michaelides M**, Moore AT, Holder GE, Webster AR.
Acta Ophthalmol. 2013;91(3):e191-5. doi: 10.1111/aos.12010.
PMID: 23289492

142. RP1L1 variants are associated with a spectrum of inherited retinal diseases including retinitis pigmentosa and occult macular dystrophy.
Davidson AE, Sergouniotis PI, Mackay DS, Wright GA, Waseem NH, **Michaelides M**, Holder GE, Robson AG, Moore AT, Plagnol V, Webster AR.
Hum Mutat. 2013;34(3):506-14. doi: 10.1002/humu.22264.
PMID: 23281133

143. The effect of cone opsin mutations on retinal structure and the integrity of the photoreceptor mosaic.
Carroll J, Dubra A, Gardner JC, Mizrahi-Meissonnier L, Cooper RF, Dubis AM, Nordgren R, Genead M, Connor TB Jr, Stepien KE, Sharon D, Hunt DM, Banin E, Hardcastle AJ, Moore AT, Williams DR, Fishman G, Neitz J, Neitz M, **Michaelides M**.
Invest Ophthalmol Vis Sci. 2012;53(13):8006-15.
doi: 10.1167/iovs.12-11087.
PMID: 23139274

144. Assessing retinal structure in complete congenital stationary night blindness and Oguchi disease.
Godara P, Cooper RF, Sergouniotis PI, Diederichs MA, Streb MR, Genead MA, McAnany JJ, Webster AR, Moore AT, Dubis AM, Neitz M, Dubra A, Stone EM, Fishman GA, Han DP, **Michaelides M**, Carroll J.
Am J Ophthalmol. 2012;154(6):987-1001.e1.
doi: 10.1016/j.ajo.2012.06.003.
PMID: 22959359

145. Deep intronic mutation in OFD1, identified by targeted genomic next-generation sequencing, causes a severe form of X-linked retinitis pigmentosa (RP23).
Webb TR, Parfitt DA, Gardner JC, Martinez A, Bevilacqua D, Davidson AE, Zito I, Thiselton DL, Ressa JH, Apergi M, Schwarz N, Kanuga N, **Michaelides M**, Cheetham ME, Gorin MB, Hardcastle AJ.
Hum Mol Genet. 2012;21(16):3647-54. doi: 10.1093/hmg/dds194.
PMID: 22619378

146. Developmental macular disorders: phenotypes and underlying molecular genetic basis.
Michaelides M, Jeffery G, Moore AT.
Br J Ophthalmol. 2012;96(7):917-24.
doi: 10.1136/bjophthalmol-2011-300994.
PMID: 22517799

147. A 2-year prospective randomized controlled trial of intravitreal bevacizumab or laser therapy (BOLT) in the management of diabetic macular edema: 24-month data: report 3.
Rajendram R, Fraser-Bell S, Kaines A, **Michaelides M**, Hamilton RD, Esposti SD, Peto T, Egan C, Bunce C, Leslie RD, Hykin PG.
Arch Ophthalmol. 2012;130(8):972-9.
PMID: 22491395

148. Leber congenital amaurosis associated with AIPL1: challenges in ascribing disease causation, clinical findings, and implications for gene therapy.
Tan MH, Mackay DS, Cowing J, Tran HV, Smith AJ, Wright GA, Dev-Borman A, Henderson RH, Moradi P, Russell-Eggitt I, MacLaren RE, Robson AG, Cheetham ME, Thompson DA, Webster AR, **Michaelides M**, Ali RR, Moore AT.
PLoS One. 2012;7(3):e32330. doi: 10.1371/journal.pone.0032330.
PMID: 22412862

149. X-linked megalocornea caused by mutations in CHRDL1 identifies an essential role for ventroptin in anterior segment development.
Webb TR, Matarin M, Gardner JC, Kelberman D, Hassan H, Ang W, **Michaelides M**, Ruddle JB, Pennell CE, Yazar S, Khor CC, Aung T, Yogarajah M, Robson AG, Holder GE, Cheetham ME, Traboulsi EI, Moore AT, Sowden JC, Sisodiya SM, Mackey DA, Tuft SJ, Hardcastle AJ.
Am J Hum Genet. 2012;90(2):247-59. doi: 10.1016/j.ajhg.2011.12.019.
PMID: 22284829

150. A novel missense mutation in both OPN1LW and OPN1MW cone opsin genes causes X-linked cone dystrophy (XLCOD5).
Gardner JC, Webb TR, Kanuga N, Robson AG, Holder GE, Stockman A, Ripamonti C, Ebenezer ND, Ogun O, Devery S, Wright GA, Maher ER, Cheetham ME, Moore AT, **Michaelides M**[*], Hardcastle AJ[*].
Adv Exp Med Biol. 2012;723:595-601.
doi: 10.1007/978-1-4614-0631-0_76.
PMID: 22183383
[*]**Joint Senior Authors**

151. Unilateral vitelliform maculopathy: a comprehensive phenotype study with molecular screening of BEST1 and PRPH2.
Subash M, Rotsos T, Wright GA, Devery S, Holder GE, Robson AG, Pal B, Tufail A, Webster AR, Moore AT, **Michaelides M**.
Br J Ophthalmol. 2012;96(5):719-22.
doi: 10.1136/bjophthalmol-2011-300964.
PMID: 22174098

152. Recurrence of a rare skin tumour: superficial angiomyxoma in the eyelid.
Ali N, Child CS, **Michaelides M**, Olver JM.
Can J Ophthalmol. 2011;46(2):205-6. doi: 10.3129/i11-005.
PMID: 21708097

153. High-resolution optical coherence tomography imaging in KCNV2 retinopathy.
Sergouniotis PI, Holder GE, Robson AG, **Michaelides M**, Webster AR, Moore AT.
Br J Ophthalmol. 2012;96(2):213-7. doi: 10.1136/bjo.2011.203638.
PMID: 21558291

154. Dominant cone-rod dystrophy: a mouse model generated by gene targeting of the GCAP1/Guca1a gene.
Buch PK, Mihelec M, Cottrill P, Wilkie SE, Pearson RA, Duran Y, West EL, **Michaelides M**, Ali RR, Hunt DM.
PLoS One. 2011;6(3):e18089. doi: 10.1371/journal.pone.0018089.
PMID: 21464903

155. Integrity of the cone photoreceptor mosaic in oligocone trichromacy.
Michaelides M, Rha J, Dees EW, Baraas RC, Wagner-Schuman ML, Mollon JD, Dubis AM, Andersen MK, Rosenberg T, Larsen M, Moore AT, Carroll J.
Invest Ophthalmol Vis Sci. 2011;52(7):4757-64. doi: 10.1167/iovs.10-6659.
PMID: 21436275

156. Retinal toxicity associated with hydroxychloroquine and chloroquine: risk factors, screening, and progression despite cessation of therapy.
Michaelides M, Stover NB, Francis PJ, Weleber RG.
Arch Ophthalmol. 2011;129(1):30-9.
doi: 10.1001/archophthalmol.2010.321.
PMID: 21220626

157. Assessing the photoreceptor mosaic over drusen using adaptive optics and SD-OCT.
Godara P, Siebe C, Rha J, **Michaelides M**, Carroll J.
Ophthalmic Surg Lasers Imaging. 2010;41 Suppl:S104-8.
doi: 10.3928/15428877-20101031-07.
PMID: 21117594

158. Mutations in FLVCR1 cause posterior column ataxia and retinitis pigmentosa.
Rajadhyaksha AM, Elemento O, Puffenberger EG, Schierberl KC, Xiang JZ, Putorti ML, Berciano J, Poulin C, Brais B, **Michaelides M**, Weleber RG, Higgins JJ.
Am J Hum Genet. 2010;87(5):643-54. doi: 10.1016/j.ajhg.2010.10.013.
PMID: 21070897

159. Novel mutation in PANK2 associated with retinal telangiectasis.
Sohn EH, **Michaelides M**, Bird AC, Roberts CJ, Moore AT, Smyth D, Brady AF, Hungerford JL.
Br J Ophthalmol. 2011;95(1):149-50. doi: 10.1136/bjo.2010.183616.
PMID: 20974629

160. Extended extraocular phenotype of PROM1 mutation in kindreds with known autosomal dominant macular dystrophy.
Arrigoni FI, Matarin M, Thompson PJ, **Michaelides M**, McClements ME, Redmond E, Clarke L, Ellins E, Mohamed S, Pavord I, Klein N, Hunt DM, Moore AT, Halcox J, Sisodiya SM.
Eur J Hum Genet. 2011;19(2):131-7. doi: 10.1038/ejhg.2010.147.
PMID: 20859302

161. The phenotype of Severe Early Childhood Onset Retinal Dystrophy (SECORD) from mutation of RPE65 and differentiation from Leber congenital amaurosis.
Michaelides M*, Weleber RG*, Trzupek KM, Stover NB, Stone EM.
Invest Ophthalmol Vis Sci. 2011;52(1):292-302. doi: 10.1167/iovs.10-6106.
PMID: 20811047
***Joint 1st Authors**

162. X-linked cone dystrophy caused by mutation of the red and green cone opsins.
Gardner JC, Webb TR, Kanuga N, Robson AG, Holder GE, Stockman A, Ripamonti C, Ebenezer ND, Ogun O, Devery S, Wright GA, Maher ER, Cheetham ME, Moore AT, **Michaelides M**[*], Hardcastle AJ[*].
Am J Hum Genet. 2010;87(1):26-39. doi: 10.1016/j.ajhg.2010.05.019.
PMID: 20579627
[*]**Joint Senior Authors**

163. Macular perfusion determined by fundus fluorescein angiography at the 4-month time point in a prospective randomized trial of intravitreal bevacizumab or laser therapy in the management of diabetic macular edema (Bolt Study): Report 1.
Michaelides M, Fraser-Bell S, Hamilton R, Kaines A, Egan C, Bunce C, Peto T, Hykin P.
Retina. 2010;30(5):781-6.
PMID: 20464787

164. A prospective randomized trial of intravitreal bevacizumab or laser therapy in the management of diabetic macular edema (BOLT study) 12-month data: report 2.
Michaelides M, Kaines A, Hamilton RD, Fraser-Bell S, Rajendram R, Quhill F, Boos CJ, Xing W, Egan C, Peto T, Bunce C, Leslie RD, Hykin PG.
Ophthalmology. 2010;117(6):1078-1086.e2.
doi: 10.1016/j.ophtha.2010.03.045.
PMID: 20416952

165. Nonsense mutation in TMEM126A causing autosomal recessive optic atrophy and auditory neuropathy.
Meyer E, **Michaelides M**, Tee LJ, Robson AG, Rahman F, Pasha S, Luxon LM, Moore AT, Maher ER.
Mol Vis. 2010;16:650-64.
PMID: 20405026

166. The PROM1 mutation p.R373C causes an autosomal dominant bull's eye maculopathy associated with rod, rod-cone, and macular dystrophy.
Michaelides M, Gaillard MC, Escher P, Tiab L, Bedell M, Borruat FX, Barthelmes D, Carmona R, Zhang K, White E, McClements M, Robson AG, Holder GE, Bradshaw K, Hunt DM, Webster AR, Moore AT, Schorderet DF, Munier FL.
Invest Ophthalmol Vis Sci. 2010;51(9):4771-80. doi: 10.1167/iovs.09-4561.
PMID: 20393116

167. Bilateral necrotising fasciitis of the ocular adnexa secondary to Pseudomonas aeruginosa septicaemia in a HIV-positive child.
Scheepers MA, Keel S, **Michaelides M**.
Orbit. 2010;29(1):63-4. doi: 10.3109/01676830903258847.
PMID: 20302416

168. Cystoid macular edema and visual loss as sequelae to interferon alpha treatment of systemic hepatitis C.
Sheth HG, **Michaelides M**, Siriwardena D.
Indian J Ophthalmol. 2010;58(2):147-8. doi: 10.4103/0301-4738.60088.
PMID: 20195039

169. Retinal vein occlusion and angle closure: a retrospective case series.
Michaelides M, Foster PJ.
J Glaucoma. 2010;19(9):643-9. doi: 10.1097/IJG.0b013e3181d12dea.
PMID: 20179618

170. Cone dystrophy with supernormal rod electroretinogram: a comprehensive genotype/phenotype study including fundus autofluorescence and extensive electrophysiology.
Robson AG, Webster AR, **Michaelides M**, Downes SM, Cowing JA, Hunt DM, Moore AT, Holder GE.
Retina. 2010;30(1):51-62. doi: 10.1097/IAE.0b013e3181bfe24e.
PMID: 19952985

171. Guanylate cyclases and associated activator proteins in retinal disease.
Hunt DM, Buch P, **Michaelides M**.
Mol Cell Biochem. 2010;334(1-2):157-68.
doi: 10.1007/s11010-009-0331-y.
PMID: 19941038

172. Recessive mutations of the gene TRPM1 abrogate ON bipolar cell function and cause complete congenital stationary night blindness in humans.
Li Z, Sergouniotis PI, **Michaelides M**, Mackay DS, Wright GA, Devery S, Moore AT, Holder GE, Robson AG, Webster AR.
Am J Hum Genet. 2009;85(5):711-9. doi: 10.1016/j.ajhg.2009.10.003.
PMID: 19878917

173. A randomized controlled trial comparing everting sutures with everting sutures and a lateral tarsal strip for involutional entropion.
Scheepers MA, Singh R, Ng J, Zuercher D, Gibson A, Bunce C, Fong K, **Michaelides M**, Olver J.
Ophthalmology. 2010;117(2):352-5. doi: 10.1016/j.ophtha.2009.06.056.
PMID: 19875173

174. Novel mutations and electrophysiologic findings in RGS9- and R9AP-associated retinal dysfunction (Bradyopsia).
Michaelides M, Li Z, Rana NA, Richardson EC, Hykin PG, Moore AT, Holder GE, Webster AR.
Ophthalmology. 2010;117(1):120-127.e1.
doi: 10.1016/j.ophtha.2009.06.011.
PMID: 19818506

175. Blue cone monochromacy: causative mutations and associated phenotypes.
Michaelides M*, Gardner JC*, Holder GE, Kanuga N, Webb TR, Mollon JD, Moore AT, Hardcastle AJ.
Mol Vis. 2009;15:876-84.
PMID: 19421413
***Joint 1st Authors**

176. Mutations in CNNM4 cause Jalili syndrome, consisting of autosomal-recessive cone-rod dystrophy and amelogenesis imperfecta.
Parry DA, Mighell AJ, El-Sayed W, Shore RC, Jalili IK, Dollfus H, Bloch-Zupan A, Carlos R, Carr IM, Downey LM, Blain KM, Mansfield DC, Shahrabi M, Heidari M, Aref P, Abbasi M, **Michaelides M**, Moore AT, Kirkham J, Inglehearn CF.
Am J Hum Genet. 2009;84(2):266-73. doi: 10.1016/j.ajhg.2009.01.009.
PMID: 19200525

177. Evaluation of the X-linked high-grade myopia locus (MYP1) with cone dysfunction and color vision deficiencies.
Metlapally R, **Michaelides M**, Bulusu A, Li YJ, Schwartz M, Rosenberg T, Hunt DM, Moore AT, Züchner S, Rickman CB, Young TL.
Invest Ophthalmol Vis Sci. 2009;50(4):1552-8. doi: 10.1167/iovs.08-2455.
PMID: 19098318

178. Skills acquisition and assessment after a microsurgical skills course for ophthalmology residents.
Ezra DG, Aggarwal R, **Michaelides M**, Okhravi N, Verma S, Benjamin L, Bloom P, Darzi A, Sullivan P.
Ophthalmology. 2009;116(2):257-62. doi: 10.1016/j.ophtha.2008.09.038.
PMID: 19091411

179. Mutant prominin 1 found in patients with macular degeneration disrupts photoreceptor disk morphogenesis in mice.
Yang Z, Chen Y, Lillo C, Chien J, Yu Z, **Michaelides M**, Klein M, Howes KA, Li Y, Kaminoh Y, Chen H, Zhao C, Chen Y, Al-Sheikh YT, Karan G, Corbeil D, Escher P, Kamaya S, Li C, Johnson S, Frederick JM, Zhao Y, Wang C, Cameron DJ, Huttner WB, Schorderet DF, Munier FL, Moore AT, Birch DG, Baehr W, Hunt DM, Williams DS, Zhang K.
J Clin Invest. 2008;118(8):2908-16. doi: 10.1172/JCI35891.
PMID: 18654668

180. Characterisation of the macular dystrophy in patients with the A3243G mitochondrial DNA point mutation with fundus autofluorescence.
Rath PP, Jenkins S, **Michaelides M**, Smith A, Sweeney MG, Davis MB, Fitzke FW, Bird AC.
Br J Ophthalmol. 2008;92(5):623-9. doi: 10.1136/bjo.2007.131177.
PMID: 18441172

181. Phenotypic variation in enhanced S-cone syndrome.
Michaelides M*, Audo I*, Robson AG, Hawlina M, Vaclavik V, Sandbach JM, Neveu MM, Hogg CR, Hunt DM, Moore AT, Bird AC, Webster AR, Holder GE.
Invest Ophthalmol Vis Sci. 2008;49(5):2082-93. doi: 10.1167/iovs.05-1629.
PMID: 18436841
***Joint 1st Authors**

182. Macular dystrophy associated with the A3243G mitochondrial DNA mutation. Distinct retinal and associated features, disease variability, and characterization of asymptomatic family members.
Michaelides M, Jenkins SA, Bamiou DE, Sweeney MG, Davis MB, Luxon L, Bird AC, Rath PP.
Arch Ophthalmol. 2008;126(3):320-8. doi: 10.1001/archopht.126.3.320.
PMID: 18332310

183. ABCA4 mutations and discordant ABCA4 alleles in patients and siblings with bull's-eye maculopathy.
Michaelides M, Chen LL, Brantley MA Jr, Andorf JL, Isaak EM, Jenkins SA, Holder GE, Bird AC, Stone EM, Webster AR.
Br J Ophthalmol. 2007;91(12):1650-5.
PMID: 18024811

184. Functional characteristics of patients with retinal dystrophy that manifest abnormal parafoveal annuli of high density fundus autofluorescence; a review and update.
Robson AG, **Michaelides M**, Saihan Z, Bird AC, Webster AR, Moore AT, Fitzke FW, Holder GE.
Doc Ophthalmol. 2008;116(2):79-89.
PMID: 17985165

185. Functional correlates of fundus autofluorescence abnormalities in patients with RPGR or RIMS1 mutations causing cone or cone rod dystrophy.
Robson AG, **Michaelides M**, Luong VA, Holder GE, Bird AC, Webster AR, Moore AT, Fitzke FW.
Br J Ophthalmol. 2008;92(1):95-102.
PMID: 17962389

186. Glaucoma following congenital cataract surgery--the role of early surgery and posterior capsulotomy.
Michaelides M, Bunce C, Adams GG.
BMC Ophthalmol. 2007;7:13.
PMID: 17848200

187. Acute retinal necrosis: a national population-based study to assess the incidence, methods of diagnosis, treatment strategies and outcomes in the UK.
Muthiah MN, **Michaelides M**, Child CS, Mitchell SM.
Br J Ophthalmol. 2007;91(11):1452-5.
PMID: 17504853

188. Residual cone vision without alpha-transducin.
Stockman A, Smithson HE, **Michaelides M**, Moore AT, Webster AR, Sharpe LT.
J Vis. 2007;7(4):8.
PMID: 17461692

189. Bilateral epiretinal membranes in Gorlin syndrome associated with a novel PTCH mutation.
Scott A, Strouthidis NG, Robson AG, Forsyth J, Maher ER, Schlottmann PG, **Michaelides M**.
Am J Ophthalmol. 2007;143(2):346-8.
PMID: 17258529

190. Genetic enhancement of cognition in a kindred with cone-rod dystrophy due to RIMS1 mutation.
Sisodiya SM, Thompson PJ, Need A, Harris SE, Weale ME, Wilkie SE, **Michaelides M**, Free SL, Walley N, Gumbs C, Gerrelli D, Ruddle P, Whalley LJ, Starr JM, Hunt DM, Goldstein DB, Deary IJ, Moore AT.
J Med Genet. 2007;44(6):373-80.
PMID: 17237123

191. Bilateral canaliculitis following SmartPLUG insertion for dry eye syndrome post LASIK surgery.
Scheepers M, Pearson A, **Michaelides M**.
Graefes Arch Clin Exp Ophthalmol. 2007;245(6):895-7.
PMID: 17120003

192. Optical coherence tomography: an assessment of current training across all levels of seniority in 8 ophthalmic units in the United Kingdom.
Chan WH, Shilling JS, **Michaelides M**.
BMC Ophthalmol. 2006;6:33.
PMID: 17062159

193. Epileptic convulsion following aspirin withdrawal before lid surgery.
Scheepers M, Pearson A, **Michaelides M**.
Eye (Lond). 2007;21(3):446.
PMID: 17041574

194. Idiopathic retinal holes in monozygotic twins.
Chan WH, **Michaelides M**, Towler HM.
Clin Exp Ophthalmol. 2006;34(6):612-3.
PMID: 16925714

195. Mutations in the gene KCNV2 encoding a voltage-gated potassium channel subunit cause "cone dystrophy with supernormal rod electroretinogram" in humans.
Wu H, Cowing JA, **Michaelides M**, Wilkie SE, Jeffery G, Jenkins SA, Mester V, Bird AC, Robson AG, Holder GE, Moore AT, Hunt DM, Webster AR.
Am J Hum Genet. 2006;79(3):574-9.
PMID: 16909397

196. Maculopathy due to the R345W substitution in fibulin-3: distinct clinical features, disease variability, and extent of retinal dysfunction.
Michaelides M, Jenkins SA, Brantley MA Jr, Andrews RM, Waseem N, Luong V, Gregory-Evans K, Bhattacharya SS, Fitzke FW, Webster AR.
Invest Ophthalmol Vis Sci. 2006;47(7):3085-97.
PMID: 16799055

197. Progressive cone and cone-rod dystrophies: phenotypes and underlying molecular genetic basis.
Michaelides M, Hardcastle AJ, Hunt DM, Moore AT.
Surv Ophthalmol. 2006;51(3):232-58. Review.
PMID: 16644365

198. Evidence of genetic heterogeneity in MRCS (microcornea, rod-cone dystrophy, cataract, and posterior staphyloma) syndrome.
Michaelides M, Urquhart J, Holder GE, Restori M, Kayali N, Manson FD, Black GC.
Am J Ophthalmol. 2006;141(2):418-20.
PMID: 16458719

199. Cone-rod dystrophy, intrafamilial variability, and incomplete penetrance associated with the R172W mutation in the peripherin/RDS gene.
Michaelides M, Holder GE, Bradshaw K, Hunt DM, Moore AT.
Ophthalmology. 2005;112(9):1592-8.
PMID: 16019073

200. X-linked cone dysfunction syndrome with myopia and protanopia.
Michaelides M, Johnson S, Bradshaw K, Holder GE, Simunovic MP, Mollon JD, Moore AT, Hunt DM.
Ophthalmology. 2005;112(8):1448-54.
PMID: 15953640

201. Mutation in the gene GUCA1A, encoding guanylate cyclase-activating protein 1, causes cone, cone-rod, and macular dystrophy.
Michaelides M, Wilkie SE, Jenkins S, Holder GE, Hunt DM, Moore AT, Webster AR.
Ophthalmology. 2005;112(8):1442-7.
PMID: 15953638

202. Identification of novel RPGR ORF15 mutations in X-linked progressive cone-rod dystrophy (XLCORD) families.
Michaelides M*, Ebenezer ND*, Jenkins SA, Audo I, Webster AR, Cheetham ME, Stockman A, Maher ER, Ainsworth JR, Yates JR, Bradshaw K, Holder GE, Moore AT, Hardcastle AJ.
Invest Ophthalmol Vis Sci. 2005;46(6):1891-8.
PMID: 15914600
***Joint 1st Authors**

203. A detailed phenotypic study of "cone dystrophy with supernormal rod ERG".
Michaelides M, Holder GE, Webster AR, Hunt DM, Bird AC, Fitzke FW, Mollon JD, Moore AT.
Br J Ophthalmol. 2005;89(3):332-9.
PMID: 15722315

204. A detailed study of the phenotype of an autosomal dominant cone-rod dystrophy (CORD7) associated with mutation in the gene for RIM1.
Michaelides M, Holder GE, Hunt DM, Fitzke FW, Bird AC, Moore AT.
Br J Ophthalmol. 2005;89(2):198-206.
PMID: 15665353

205. Norrie disease and peripheral venous insufficiency.
Michaelides M, Luthert PJ, Cooling R, Firth H, Moore AT.
Br J Ophthalmol. 2004;88(11):1475.
PMID: 15489496

206. The genetics of strabismus.
Michaelides M, Moore AT.
J Med Genet. 2004;41(9):641-6.
PMID: 15342692

207. An autosomal recessive cone-rod dystrophy associated with amelogenesis imperfecta.
Michaelides M, Bloch-Zupan A, Holder GE, Hunt DM, Moore AT.
J Med Genet. 2004;41(6):468-73.
PMID: 15173235

208. Progressive cone dystrophy associated with mutation in CNGB3.
Michaelides M, Aligianis IA, Ainsworth JR, Good P, Mollon JD, Maher ER, Moore AT, Hunt DM.
Invest Ophthalmol Vis Sci. 2004;45(6):1975-82.
PMID: 15161866

209. Blue cone monochromatism: a phenotype and genotype assessment with evidence of progressive loss of cone function in older individuals.
Michaelides M, Johnson S, Simunovic MP, Bradshaw K, Holder G, Mollon JD, Moore AT, Hunt DM.
Eye (Lond). 2005;19(1):2-10.
PMID: 15094734

210. Oligocone trichromacy: a rare and unusual cone dysfunction syndrome.
Michaelides M, Holder GE, Bradshaw K, Hunt DM, Mollon JD, Moore AT.
Br J Ophthalmol. 2004;88(4):497-500.
PMID: 15031164

211. Achromatopsia caused by novel mutations in both CNGA3 and CNGB3.
Johnson S, **Michaelides M**, Aligianis IA, Ainsworth JR, Mollon JD, Maher ER, Moore AT, Hunt DM.
J Med Genet. 2004;41(2):e20.
PMID: 14757870

212. A case of familial trichomegaly in association with oculocutaneous albinism type 1.
Ziakas NG, Jogiya A, **Michaelides M**.
Eye (Lond). 2004;18(8):863-4.
PMID: 14752500

213. The cone dysfunction syndromes.
Michaelides M, Hunt DM, Moore AT.
Br J Ophthalmol. 2004;88(2):291-7.
PMID: 14736794

214. Cone dystrophy phenotype associated with a frameshift mutation (M280fsX291) in the alpha-subunit of cone specific transducin (GNAT2).
Michaelides M, Aligianis IA, Holder GE, Simunovic M, Mollon JD, Maher ER, Hunt DM, Moore AT.
Br J Ophthalmol. 2003;87(11):1317-20.
PMID: 14609822

215. The genetics of inherited macular dystrophies.
Michaelides M, Hunt DM, Moore AT.
J Med Genet. 2003;40(9):641-50.
PMID: 12960208

216. Cortical blindness and hepatic encephalopathy.
Ammar T, Auzinger G, **Michaelides M**.
Acta Ophthalmol Scand. 2003;81(4):402-4.
PMID: 12859270

217. An early-onset autosomal dominant macular dystrophy (MCDR3) resembling North Carolina macular dystrophy maps to chromosome 5.
Michaelides M, Johnson S, Tekriwal AK, Holder GE, Bellmann C, Kinning E, Woodruff G, Trembath RC, Hunt DM, Moore AT.
Invest Ophthalmol Vis Sci. 2003;44(5):2178-83.
PMID: 12714659

218. An autosomal dominant bull's-eye macular dystrophy (MCDR2) that maps to the short arm of chromosome 4.
Michaelides M, Johnson S, Poulson A, Bradshaw K, Bellmann C, Hunt DM, Moore AT.
Invest Ophthalmol Vis Sci. 2003;44(4):1657-62.
PMID: 12657606

219. Bilateral superior ophthalmic vein thrombosis in a young woman.
Michaelides M, Aclimandos W.
Acta Ophthalmol Scand. 2003;81(1):88-90.
PMID: 12631033

220. Cocaine-associated central retinal artery occlusion in a young man.
Michaelides M, Larkin G.
Eye (Lond). 2002;16(6):790-2.
PMID: 12439682

221. A novel case of hypertelorism, hypospadias, strabismus, and bilateral congenital lacrimal fistulae.
Michaelides M, Aclimandos W.
J Pediatr Ophthalmol Strabismus. 2002;39(5):307-9. available.
PMID: 12353906

222. Mapping of a novel locus for achromatopsia (ACHM4) to 1p and identification of a germline mutation in the alpha subunit of cone transducin (GNAT2).
Aligianis IA, Forshew T, Johnson S, **Michaelides M**, Johnson CA, Trembath RC, Hunt DM, Moore AT, Maher ER.
J Med Genet. 2002;39(9):656-60.
PMID: 12205108

223. Two unusual cases of visual loss following severe non-surgical blood loss.
Michaelides M, Riordan-Eva P, Hugkulstone C.
Eye (Lond). 2002;16(2):185-9.
PMID: 11988820

224. Eclipse retinopathy.
Michaelides M, Rajendram R, Marshall J, Keightley S.
Eye (Lond). 2001;15(Pt 2):148-51.
PMID: 11339579

Books and Book Chapters

1. Moore AT, **Michaelides M**. Vitreous. In: Pediatric Ophthalmology and Strabismus, 3rd Edition (Taylor D, Hoyt C, Eds), Elsevier Science, 2005.
2. **Michaelides M**, Holder GE, Moore AT. Inherited Retinal Dystrophies. In: Pediatric Ophthalmology and Strabismus, 3rd Edition (Taylor D, Hoyt C, Eds), Elsevier Science, 2005.
3. **Michaelides M**, Moore AT. Inherited Macular Dystrophies. In: Pediatric Ophthalmology and Strabismus, 3rd Edition (Taylor D, Hoyt C, Eds), Elsevier Science, 2005.
4. **Michaelides M**, Moore AT. Retinal Dystrophies. In: Atlas of Clinical Ophthalmology, 3rd Edition (Spalton D, Hitchings R, Hunter P, Eds), Mosby-Wolfe, 2005.
5. **Michaelides M**, Moore AT. Childhood Stationary Retinal Dysfunction Syndromes. In: Paediatric Ophthalmology, Neuro-Ophthalmology, Genetics, Essentials in Ophthalmology Series, (Lorenz B, Moore AT, Eds), Springer, 2006.
6. Bates A, Jackson TL, **Michaelides M**, Adams GGW. Anterior Segment Dysgenesis. In: Moorfields Manual of Ophthalmology, (Jackson TL, Ed), Mosby-Elsevier, 2008.
7. Bates A, Jackson TL, **Michaelides M**, Adams GGW. Reduced vision with an otherwise normal examination. In: Moorfields Manual of Ophthalmology, (Jackson TL, Ed), Mosby-Elsevier, 2008.
8. **Michaelides M**. Fundus Autofluorescence in Cone and Cone-Rod Dystrophies. In: Fundus Autofluorescence, (Lois N, Forrester J, Eds), Lippincott, Williams and Wilkins, 2009.
9. **Michaelides M**, Moore AT. Vitreous. In: Pediatric Ophthalmology and Strabismus, 4th Edition (Taylor D, Hoyt C, Eds), 2012.
10. **Michaelides M**, Holder GE, Moore AT. Inherited Retinal Disorders. In: Pediatric Ophthalmology and Strabismus, 4th Edition (Taylor D, Hoyt C, Eds), 2012.
11. **Michaelides M**, Moore AT. Inherited Macular Dystrophies. In: Pediatric Ophthalmology and Strabismus, 4th Edition (Taylor D, Hoyt C, Eds), 2012.
12. Muthiah N, **Michaelides M**. Ophthalmology. In: Clinical Data Interpretation for Medical Finals, (Pastides P, Jayia P), 2012.
13. Bates A, Jackson TL, **Michaelides M**, Adams GGW. Anterior Segment Dysgenesis. In: Moorfields Manual of Ophthalmology, (Jackson TL, Ed), Mosby-Elsevier, 2014.
14. Sundaram V, **Michaelides M**. Medical Retina. In: Training in Ophthalmology (Oxford Specialty Training: Training In), 2014.
15. Keane PA, **Michaelides M**, Denniston AKO, Tufail A. Medical Retina. In: Oxford Handbook of Ophthalmology, 3rd Edition (Denniston AKO, Murray PI, Eds), Oxford University Press, 2014.

16. **Michaelides M**. Fundus Autofluorescence in Cone and Cone-Rod Dystrophies. In: Fundus Autofluorescence, (Lois N, Forrester J, Eds), Lippincott, Williams and Wilkins, 2016.
17. **Michaelides M**, Moore AT. Vitreous. In: Pediatric Ophthalmology and Strabismus, 5th Edition (Lambert SR, Lyons CJ, Eds), 2017.
18. **Michaelides M**, Holder GE, Moore AT. Inherited Retinal Disorders. In: Pediatric Ophthalmology and Strabismus, 5th Edition (Lambert SR, Lyons CJ, Eds), 2017.
19. **Michaelides M**, Moore AT. Inherited Macular Dystrophies. In: Pediatric Ophthalmology and Strabismus, 5th Edition (Lambert SR, Lyons CJ, Eds), 2017.
20. Kumaran N, **Michaelides M**. Maternally inherited diabetes and deafness with maculopathy. In: Practical Genomics for Clinical Ophthalmology, (Ashworth J, Black GCM, Leroy BP, Eds), Elsevier, 2018.
21. Hirji N, **Michaelides M**. Inherited Retinal Disorders. In: Key Clinical Topics in Ophthalmology, (Khaw P, Azarbod P, Eds), JP Medical Ltd, 2018.
22. Zahid S, Branham K, Schlegel D, Pennesi ME, **Michaelides M**, Heckenlively J, Jayasundera T. Retinal Dystrophy Gene Atlas. Springer, 2018.

Selected Peer Reviewed Abstracts / Presentations

1. **Michaelides M**, Rajendram R, Marshall J, Keightley SJ. Solar Retinopathy. Royal College of Ophthalmologists Congress (RCO), 2000 (poster presentation).
2. **Michaelides M**, Moore AT, Bradshaw K, Holder GE, Mollon JD. Oligocone Trichromacy. European Paediatric Ophthalmology Society, Portugal, 2002 (oral presentation).
3. **Michaelides M**, Aclimandos W. A Novel case of Hypertelorism, Hypospadias, Strabismus and bilateral Congenital Lacrimal Fistulae. European Paediatric Ophthalmology Society, Portugal, 2002 (oral presentation).
4. Good PA, Banerjee S, Aligianis I, Siddiqi R, Ainsworth JR, **Michaelides M**, Hunt DM, Moore AT. Electroretinography in the Definition of Phenotypes of Rod Monochromatism. Association for Research in Vision & Ophthalmology (ARVO), 2003 (poster presentation).
5. **Michaelides M**, Johnson S, Poulson A, Bradshaw K, Bellmann C, Hunt DM, Moore AT. An Autosomal Dominant Bull's-Eye Macular Dystrophy (MCDR2) That Maps to Chromosome 4p. ARVO, 2003 (poster presentation).
6. Johnson S, **Michaelides M**, Aligianis IA, Trembath RC, Ainsworth J, Maher ER, Moore AT, Hunt DM. Achromatopsia Associated with Mutations in CNGA3 and CNGB3. ARVO, 2003 (poster presentation).
7. **Michaelides M**, Johnson S, Tekriwal AK, Holder GE, Woodruff G, Hunt DM, Moore AT. An early onset autosomal dominant macular dystrophy (MCDR3) resembling North Carolina macular dystrophy (NCMD) maps to chromosome 5. RCO, 2003 (oral presentation).
8. **Michaelides M**, Francis P, Johnson S, Woodruff G, Hunt DM, Bird AC, Moore AT. Genetic heterogeneity in the North Carolina macular dystrophy phenotype. European Paediatric Ophthalmology Society, Germany, 2003 (oral presentation). Awarded prize for Best Presentation.
9. **Michaelides M**, Johnson S, Poulson A, Bradshaw K, Hunt DM, Moore AT. An Autosomal Dominant Bull's-Eye Macular Dystrophy (MCDR2) That Maps to Chromosome 4p. RCO, 2003 (poster presentation).
10. Aligianis IA, **Michaelides M**, Ainsworth JR, Hunt DM, Moore AT, Maher ER. Molecular investigations in achromatopsia. RCO, 2003 (poster presentation).
11. **Michaelides M**, Johnson S, Simunovic M, Bradshaw K, Holder GE, Mollon JD, Moore AT, Hunt DM. X-Linked Cone Dysfunction Syndromes. Oxford Ophthalmological Congress, 2003 (poster presentation).
12. Audo IS, Neveu MM, Robson AG, **Michaelides M**, Hogg CR, Webster AR, Moore AT, Bird AC, Holder GE. Characterisation of enhanced S-cone syndrome (ESCS). ARVO, 2004 (poster presentation).

13. **Michaelides M**, Holder GE, Webster AR, Hunt DM, Bird AC, Mollon JD, Moore AT. A detailed study of the phenotype of an unusual progressive cone dystrophy with supernormal rod responses. ARVO, 2004 (poster presentation).

14. **Michaelides M**, Holder GE, Webster AR, Hunt DM, Bird AC, Mollon JD, Moore AT. A detailed study of the phenotype of an unusual progressive cone dystrophy with supernormal rod responses. RCO, 2004 (poster presentation).

15. Bloch-Zupan A, **Michaelides M**, Holder GE, Hunt DM, Moore AT. An Autosomal Recessive Cone-Rod Dystrophy associated with Amelogenesis Imperfecta. Eighth International Conference on Tooth Morphogenesis and Differentiation, York, 2004 (poster presentation).

16. **Michaelides M**, Holder GE, Bradshaw K, Hunt DM, Moore AT. Cone-Rod Dystrophy, Intra-Familial Variability and Incomplete Penetrance Associated With the R172W Mutation in the Peripherin/RDS Gene. ARVO, 2005 (poster presentation).

17. Robson AG, **Michaelides M**, Webster AR, Bird AC, Moore AT, Fitzke FW, Holder GE. Comparison of Pattern ERG, Multifocal ERG and Psychophysical Correlates of Fundus Autofluorescence Abnormalities in Patients With Cone-rod (RPGR, RIM1) or Rod-cone Dystrophy. ARVO, 2005 (poster presentation).

18. Chan WH, **Michaelides M**, Kayali N, Bryan SJ, Ohri R, Towler HMA. Chemical Trauma to the Eye. RCO, 2005 (poster presentation).

19. **Michaelides M**, Ebenezer ND, Holder GE, Robson AG, Moore AT, Hardcastle AJ. Detailed Phenotyping of an X-Linked Cone-Rod Dystrophy Pedigree and Exclusion of the CORDX1 and CORDX2 Loci. ARVO, 2006 (poster presentation).

20. Wu H, **Michaelides M**, Wilkie SE, Mester V, Holder GE, Bird AC, Moore AT, Hunt DM, Webster AR. Exclusion of the Cone cGMP Phosphodiesterase γ Subunit Gene as a Cause of Cone Dystrophy With Supernormal Rod ERG. ARVO, 2006 (poster presentation).

21. Chan WH, **Michaelides M**, Subak-Sharpe I, Kamel O, Abou-Rayah Y. Effectiveness of the Lateral Tarsal Strip Procedure for Involutional Ectropion. RCO, 2006 (poster presentation).

22. **Michaelides M**, Bunce C, Adams GGW. Aphakic Glaucoma after Congenital Cataract Surgery at Moorfields Eye Hospital. RCO, 2006 (poster presentation).

23. **Michaelides M**, Bunce C, Adams GGW. Aphakic Glaucoma after Congenital Cataract Surgery at Moorfields Eye Hospital. American Association for Pediatric Ophthalmology and Strabismus, 2006 (poster presentation).

24. Kalhoro A, Puech V, Puech B, Webster AR, **Michaelides M**, Moore AT, Hunt DM. A Molecular Genetic Investigation of Two Families With Macular Dysplasia in Association With Digit Abnormalities. ARVO, 2008 (poster presentation).

25. Robson AG, **Michaelides M**, Wu H, Cowing JA, Hunt DM, Moore AT, Holder GE, Webster AR. Fundus Autofluorescence and Intensity-Response Functions in “Cone Dystrophy With Supernormal Rod Electroretinogram” Consequent Upon Mutation in KCNV2. ARVO, 2008 (poster presentation).

26. **Michaelides M**, Holder GE, Robson AG, Moore AT, Hardcastle AJ. Detailed Phenotyping of an X-Linked Cone Dystrophy Pedigree and Exclusion of the CORDX1 Locus. ARVO, 2008 (poster presentation).

27. Kaines A, Fraser-Bell S, **Michaelides M**, Egan C, Hykin P. Diabetic Macular Oedema: A Prospective Randomised Trial of Management With Intravitreal Bevacizumab (Avastin) versus Conventional Laser Therapy: A Description of Methodology. ARVO, 2008 (poster presentation).

28. **Michaelides M**, Hamilton R, Kaines A, Fraser-Bell S, Egan C, Peto T, Hykin P. Macular Perfusion Determined by Fundus Fluorescein Angiography at the 4 month time point in a Prospective Randomised Trial Comparing Intravitreal Bevacizumab with Laser Therapy in the Management of Diabetic Macular Oedema. ARVO, 2009 (oral presentation).

29. **Michaelides M**, Hamilton R, Kaines A, Fraser-Bell S, Egan C, Peto T, Hykin P. Macular Perfusion Determined by Fundus Fluorescein Angiography at the 4 month time point in a Prospective Randomised Trial Comparing Intravitreal Bevacizumab with Laser Therapy in the Management of Diabetic Macular Oedema. European Society of Retina Specialists, 2009 (oral presentation).

30. Carroll J, Banin E., Hunt DM, Martin R, **Michaelides M**, Mizrahi-Meissonnier L, Moore AT, Sharon D, Williams DR, and Dubra A. Evaluating the Photoreceptor Mosaic in Blue Cone Monochromacy (BCM). ARVO, 2010 (oral presentation). Invest. Ophthalmol. Vis. Sci. 2010; 51(13):2935.

31. Rha J, Wagner-Schuman M, Moore AT, Mollon JD, Schroeder B, Andersen MKG, Rosenberg T, Larsen M, Carroll J, and **Michaelides M**. Adaptive Optics Imaging of the Cone Mosaic in Oligocone Trichromacy. ARVO, 2010 (poster presentation). Invest. Ophthalmol. Vis. Sci. 2010; 51(13):6296.

32. Fujinami K, **Michaelides M**, Webster AR, Moore AT, Robson AG, Holder GE. A Longitudinal Study of the Electroretinogram Responses in Stargardt-Fundus Flavimaculatus. ARVO, 2010 (poster presentation).

33. **Michaelides M**, Esposti S, Rajendram R, Hamilton R, Kaines A, Fraser-Bell S, Egan C, Peto T, Bunce C, Hykin P. Exploring Parameters That May Be Associated With The Efficacy Of Response To Intravitreal Bevacizumab (ivB) In A Two-year Prospective Randomised Trial Comparing ivB With Laser Therapy In The Management Of Diabetic Macular Oedema (BOLT Study). ARVO, 2011 (oral presentation).

34. Fujinami K, **Michaelides M**, Moore AT, Robson AG, Holder GE, Webster AR. Clinical and Molecular Analysis of Stargardt Macular Dystrophy with Preserved Foveal Structure and Function. ARVO, 2011 (poster presentation).

35. Hardcastle AJ, Gardner JC, Quan Y, Stockman A, Holder GE, Kanuga N, Webb TR, Moore AT, **Michaelides M**. Mutation Analysis Of The OPN1LW And OPN1MW Cone Opsin Genes In A Cohort Of British Families With Blue Cone Monochromacy. ARVO, 2011 (poster presentation).

36. Neitz J, Wagner-Schuman M, Dubra A, Sjoberg SA, Moore AT, Young TL, Neitz M, Carroll J, **Michaelides M**. Cone Mosaic Disruption Caused by L/M Opsin Mutations in Bornholm Eye Disease. ARVO, 2011 (poster presentation).

37. Godara P, Cooper RF, Diederichs MA, Sergouniotis P, Genead MA, Webster AR, Fishman GA, Han DP, **Michaelides M**, Carroll J. Assessing Photoreceptor Reflectance And Structure In Congenital Stationary Night Blindness. Invest. Ophthalmol. Vis. Sci. 2012; 53(14):5256.

38. Sundaram V, Wilde C, Webster AR, Moore AT, Nardini M, Ali RR, Bainbridge JW, Carroll J, **Michaelides M**. Cone Photoreceptor Structure in Achromatopsia. Invest. Ophthalmol. Vis. Sci. 2012; 53(14):2678.

39. Dubis AM, Cooper R, Liu B, Langlo C, Aboshiha J, Dubra A, Carroll J, **Michaelides M**. Predicting gene therapy success: Developing criteria from AOSLO imaging. Journal of Vision. 2013; 13(15):P31.

40. Dubis AM, Aboshiha J, Sulai Y, Dubra A, Webster A, Carroll J, **Michaelides M**. Structure/function variability in RPGR-associated retinal dystrophy. Journal of Vision. 2014; 14(15):34.

41. Gardner JC, Liew G, Quan Y, Ueyama H, Liebelt J, Ruddle JB, Moore AT, **Michaelides M**, Hardcastle AJ. Genotype-Phenotype Comparison and Functional Investigation of Cone Opsin Variants. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):4543.

42. **Michaelides M**, Zakka FR, Aboshiha J, Sulai Y, Connor TB, Han DP, Dubra A, Carroll J, Dubis AM. High-Resolution Imaging in Stargardt Disease: Preliminary Observations In Preparation for Intervention. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):5016.

43. Dubis AM, Cooper RF, Carroll J, Dubra A, **Michaelides M.** Quantifying Photoreceptor Reflectance: When density is not enough. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):5201.

44. Warren C, Scoles DH, Dubis AM, Aboshiha J, Webster A, **Michaelides M,** Han DP, Carroll J, Dubra A. Imaging Cone Structure in Autosomal Dominant Cone Rod Dystrophy Caused by GUCY2D Mutations. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):1102.

45. Esposti SD, Ba-Abbad R, Pack A, Aboshiha J, Sulai Y, Dubra A, Webster A, Dubis AM, Carroll J, **Michaelides M.** High-Resolution Imaging To Probe Retinal Integrity In RPGR Associated Rod-Cone Dystrophy. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):254.

46. Liyanage SE, Cooper RF, Ba-Abbad R, Sulai Y, Dubra A, Dubis AM, Carroll J, **Michaelides M.** Imaging Photoreceptor Structure in Subjects with R9AP- and RGS9-associated Retinal Dysfunction (Bradyopsia). Invest. Ophthalmol. Vis. Sci. 2014; 55(13):259.

47. Ramsamy G, Aboshiha J, Rajendram R, Sulai Y, Carroll J, Dubra A, **Michaelides M**, Dubis AM. Persistent and Reversible Structural Retinal Disruption Associated with Selected Outer Retinopathies. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):262.

48. Ba-Abbad R, Pack A, Aboshiha J, Sulai Y, Dubra A, Webster A, Moore AT, Dubis A, Carroll J, **Michaelides M**. Outer Retinal Changes Associated with the RPGR Carrier Phenotype: Insights from high-resolution imaging. Invest. Ophthalmol. Vis. Sci. 2014; 55(13):274.

49. Dubis AM, Langlo CS, Dubra A, Webster A, Aboshiha J, Moore AT, Ali RR, Bainbridge JWB, Carroll J, **Michaelides M**. Residual Foveal Cone Structure in CNGB3 Achromatopsia: Factors for gene therapy candidate selection. Invest. Ophthalmol. Vis. Sci. 2015; 56(7):4264.

50. Kasilian M, Ring MG, Strauss RW, Razeen MM, Dubra A, Peto T, Bunce C, Carroll J, Dubis AM, **Michaelides M.** Reliability of cone density measurements on adaptive optics images in Stargardt disease. Invest. Ophthalmol. Vis. Sci. 2015; 56(7):4928.

51. Ring MG, Kasilian M, Tee J, Dubra A, Peto T, Bunce C, Quartilho A, Carroll J, **Michaelides** M, Dubis AM. Factors Affecting Cone Photoreceptor Identification in RPGR-Associated Retinopathy. Invest. Ophthalmol. Vis. Sci. 2015; 56(7):4930.

52. Patterson EJ, Tee J, Neitz J, Langlo CS, Dubra A, Neitz M, Dubis AM, Hardcastle AJ, **Michaelides M**, Carroll J. Assessing cone mosaic disruption in patients with X-linked cone dysfunction. Invest. Ophthalmol. Vis. Sci. 2015; 56(7):88.

53. Shah SM, Ahmed M, Junaid N, Bagheri S, Munoz BE, Strauss RW, Schonbach EM, **Michaelides M**, Ervin AM, Scholl HP. The natural history of the progression of atrophy secondary to Stargardt disease type 4 (Progstar-4 Study): Baseline demographics and ocular characteristics of patients with PROM-1 related retinal dystrophy. Invest. Ophthalmol. Vis. Sci. 2016; 57(12):2695.

54. Sergeev YV, McCafferty C, Fujinami K, Falsini B, Zein WM, Jayasundera T, **Michaelides M**, Brooks BP, Sieving PA. In-silico unfolding: a role of missense changes in Stargardt's disease. Invest. Ophthalmol. Vis. Sci. 2016; 57(12):3163.

55. Dubis AM, Nandoskar A, Kalitzeos A, Patel PJ, Carroll J, Dubra A, Chataway J, Nicholas R, **Michaelides M**, Greenwood J. Retinal Vessel Architecture and Blood Flow in Multiple Sclerosis. Invest. Ophthalmol. Vis. Sci. 2016; 57(12):4621.

56. Khan KN, Holder GE, Webster A, Robson AG, Moore AT, **Michaelides M.** The fundus phenotype associated with the p.Ala243Val BEST1 mutation. Invest. Ophthalmol. Vis. Sci. 2016; 57(12):654.

57. Patterson EJ, Kasilian M, Kalitzeos A, Malone CP, Carrigan M, Green A, Farrar JA, Neitz M, Kenna PF, **Michaelides M,** Carroll J. Assessing cone photoreceptor structure in patients with mutations in the OPN1LW/OPN1MW gene array. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):1257.

58. Litts KM, Okada M, Kalitzeos A, Kasilian M, Mastey R, **Michaelides M**, Carroll J, Egan CA. Imaging of remnant cone structure in outer retinal lesions in macular telangiectasia (MacTel) type 2. Invest. Ophthalmol. Vis. Sci.2017; 58(8):6007.

59. Kong X, Strauss RW, Munoz B, Ervin AM, Cideciyan AV, **Michaelides M**, Ahmed M, Cheetham J, West S, Scholl HP. Visual acuity loss during two years in Stargardt Disease: The ProgStar Study. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):4647.

60. Fujinami K, Strauss RW, Chiang J, Audo IS, Bernstein PS, Birch DG, Jacobson SG, Mansfield BC, Marino MJ, Sahel JA, Mohand-Said S, Sunness JS, Traboulsi EI, Zrenner E, **Michaelides M**, Scholl HP. Genetic characteristics of an international large cohort with Stargardt disease: The ProgStar study. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):4638.

61. Fiorentino A, Arno G, Pontikos N, Fujinami K, Hayashi T, Plagnol V, Cheetham ME, Iwata T, Webster AR, **Michaelides M**, Hardcastle AJ. Mutations in the X-linked gene PRPS1 cause retinal degeneration in females. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):1243.

62. Tee J, **Michaelides M.** Assessment of Interocular Disease Progression in Retinitis Pigmentosa GTPase Regulator (RPGR)-associated Retinopathy with Quantitative Fundus Autofluorescence (FAF) Image Analysis. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):3237.

63. Fahim A, Ali N, Blachley T, **Michaelides M**. Fundus Findings Associated with Complications in X-Linked Retinoschisis. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):3260.

64. Fakin A, Cipriani V, Lambertus S, Bax N, Robson AG, Fujinami K, Chiang J, Moore AT, **Michaelides M**, Holder GE, Hoyng CB, Webster AR. Complex interaction and Hardy-Weinberg disequilibrium of ABCA4 disease-causing alleles provides insights into the pathogenesis of retinopathy. Invest. Ophthalmol. Vis. Sci.2017; 58(8):3423.

65. Kumaran N, Ripamonti C, Kalitzeos A, Bainbridge JWB, **Michaelides M**. Severe Loss of Tritan Colour Discrimination in RPE65 Associated Leber Congenital Amaurosis. Invest. Ophthalmol. Vis. Sci. 2017; 58(8):4297.