

1: Kuznetsova T, Iwabe S, Boesze-Battaglia K, Pearce-Kelling S, Chang-Min Y, McDaid K, Miyadera K, Komaromy A, Aguirre GD. Exclusion of RPGRIP1 ins44 from primary causal association with early-onset cone-rod dystrophy in dogs. Invest Ophthalmol Vis Sci. 2012 Aug 15;53(9):5486-501. doi: 10.1167/iovs.12-10178. PubMed PMID: 22807295; PubMed Central PMCID: PMC3422103.

2: Hoffmann I, Guziewicz KE, Zangerl B, Aguirre GD, Mardin CY. Canine multifocal retinopathy in the Australian Shepherd: a case report. Vet Ophthalmol. 2012 Sep;15 Suppl 2:134-8. doi: 10.1111/j.1463-5224.2012.01005.x. Epub 2012 Mar 20. PubMed PMID: 22432598.

3: Bennett J, Chung DC, Maguire A. Gene delivery to the retina: from mouse to man. Methods Enzymol. 2012;507:255-74. doi: 10.1016/B978-0-12-386509-0.00013-2. PubMed PMID: 22365778.

4: Beltran WA, Cideciyan AV, Lewin AS, Iwabe S, Khanna H, Sumaroka A, Chiodo VA, Fajardo DS, Román AJ, Deng WT, Swider M, Alemán TS, Boye SL, Genini S, Swaroop A, Hauswirth WW, Jacobson SG, Aguirre GD. Gene therapy rescues photoreceptor blindness in dogs and paves the way for treating human X-linked retinitis pigmentosa. Proc Natl Acad Sci U S A. 2012 Feb 7;109(6):2132-7. doi: 10.1073/pnas.1118847109. Epub 2012 Jan 23. PubMed PMID: 22308428; PubMed Central PMCID: PMC3277562.

5: Oliver JA, Gould DJ. Survey of ophthalmic abnormalities in the labradoodle in the UK. Vet Rec. 2012 Apr 14;170(15):390. doi: 10.1136/vr.100361. Epub 2012 Jan 25. PubMed PMID: 22278634.

6: Forman OP, Penderis J, Hartley C, Hayward LJ, Ricketts SL, Mellersh CS. Parallel mapping and simultaneous sequencing reveals deletions in BCAN and FAM83H associated with discrete inherited disorders in a domestic dog breed. PLoS Genet. 2012 Jan;8(1):e1002462. doi: 10.1371/journal.pgen.1002462. Epub 2012 Jan 12. PubMed PMID: 22253609; PubMed Central PMCID: PMC3257292.

7: Escanilla N, Leiva M, Ordeix L, Peña T. Uveodermatologic lymphoma in two young related Portuguese water dogs. Vet Ophthalmol. 2012 Sep;15(5):345-50. doi: 10.1111/j.1463-5224.2011.00981.x. Epub 2012 Jan 12. PubMed PMID: 22239173.

8: Petersen-Jones SM, Annear MJ, Bartoe JT, Mowat FM, Barker SE, Smith AJ, Bainbridge JW, Ali RR. Gene augmentation trials using the Rpe65-deficient dog:

contributions towards development and refinement of human clinical trials.
Adv
Exp Med Biol. 2012;723:177-82. doi: 10.1007/978-1-4614-0631-0_24. Review.
PubMed
PMID: 22183331.

9: Mizukami K, Chang HS, Ota M, Yabuki A, Hossain MA, Rahman MM, Uddin MM, Yamato O. Collie eye anomaly in Hokkaido dogs: case study. Vet Ophthalmol. 2012 Mar;15(2):128-32. doi: 10.1111/j.1463-5224.2011.00950.x. Epub 2011 Sep 29.
PubMed
PMID: 22051190.

10: Kuster N, Hässig M, Spiess B. [Hereditary eye diseases in the Entlebucher Mountain dog in Switzerland: a retrospective study from 1999 to 2009]. Schweiz Arch Tierheilkd. 2011 Jun;153(6):269-75. doi: 10.1024/0036-7281/a000201.
German.
PubMed PMID: 21638263.

11: Sahel JA. Spotlight on childhood blindness. J Clin Invest. 2011 Jun;121(6):2145-9. doi: 10.1172/JCI58300. Epub 2011 May 23. PubMed PMID: 21606601; PubMed Central PMCID: PMC3104785.

12: Guziwicz KE, Slavik J, Lindauer SJ, Aguirre GD, Zangerl B. Molecular consequences of BEST1 gene mutations in canine multifocal retinopathy predict functional implications for human bestrophinopathies. Invest Ophthalmol Vis Sci. 2011 Jun 23;52(7):4497-505. doi: 10.1167/iovs.10-6385. PubMed PMID: 21498618; PubMed Central PMCID: PMC3175949.

13: Kuchtey J, Olson LM, Rinkoski T, Mackay EO, Iverson TM, Gelatt KN, Haines JL, Kuchtey RW. Mapping of the disease locus and identification of ADAMTS10 as a candidate gene in a canine model of primary open angle glaucoma. PLoS Genet. 2011 Feb;7(2):e1001306. doi: 10.1371/journal.pgen.1001306. Epub 2011 Feb 17.
PubMed
PMID: 21379321; PubMed Central PMCID: PMC3040645.

14: Zangerl B, Wickström K, Slavik J, Lindauer SJ, Ahonen S, Schelling C, Lohi H, Guziwicz KE, Aguirre GD. Assessment of canine BEST1 variations identifies new mutations and establishes an independent bestrophinopathy model (cmr3). Mol Vis. 2010 Dec 16;16:2791-804. PubMed PMID: 21197113; PubMed Central PMCID: PMC3008713.

15: Goldstein O, Kukekova AV, Aguirre GD, Acland GM. Exonic SINE insertion in STK38L causes canine early retinal degeneration (erd). Genomics. 2010

Dec;96(6):362-8. doi: 10.1016/j.ygeno.2010.09.003. Epub 2010 Sep 29. PubMed PMID: 20887780; PubMed Central PMCID: PMC2996878.

16: den Hollander AI, Black A, Bennett J, Cremers FP. Lighting a candle in the dark: advances in genetics and gene therapy of recessive retinal dystrophies. *J Clin Invest.* 2010 Sep;120(9):3042-53. doi: 10.1172/JCI42258. Epub 2010 Sep 1. Review. Erratum in: *J Clin Invest.* 2011 Jan 4;121(1):456-7. PubMed PMID: 20811160; PubMed Central PMCID: PMC2929718.

17: Goldstein O, Mezey JG, Boyko AR, Gao C, Wang W, Bustamante CD, Anguish LJ, Jordan JA, Pearce-Kelling SE, Aguirre GD, Acland GM. An ADAM9 mutation in canine cone-rod dystrophy 3 establishes homology with human cone-rod dystrophy 9. *Mol Vis.* 2010 Aug 11;16:1549-69. PubMed PMID: 20806078; PubMed Central PMCID: PMC2925905.

18: Goldstein O, Guyon R, Kukekova A, Kuznetsova TN, Pearce-Kelling SE, Johnson J, Aguirre GD, Acland GM. COL9A2 and COL9A3 mutations in canine autosomal recessive oculoskeletal dysplasia. *Mamm Genome.* 2010 Aug;21(7-8):398-408. doi: 10.1007/s00335-010-9276-4. Epub 2010 Aug 5. PubMed PMID: 20686772; PubMed Central PMCID: PMC2954766.

19: Zhou W, Dai J, Attanasio M, Hildebrandt F. Nephrocystin-3 is required for ciliary function in zebrafish embryos. *Am J Physiol Renal Physiol.* 2010 Jul;299(1):F55-62. doi: 10.1152/ajprenal.00043.2010. Epub 2010 May 12. PubMed PMID: 20462968; PubMed Central PMCID: PMC2904175.

20: Hertel E, Bergström T, Kell U, Karlstam L, Ekman S, Ekestén B. Retinal degeneration in nine Swedish Jämthund dogs. *Vet Ophthalmol.* 2010 Mar;13(2):110-6. doi: 10.1111/j.1463-5224.2010.00761.x. PubMed PMID: 20447030.

21: Komáromy AM, Alexander JJ, Rowlan JS, Garcia MM, Chiodo VA, Kaya A, Tanaka JC, Acland GM, Hauswirth WW, Aguirre GD. Gene therapy rescues cone function in congenital achromatopsia. *Hum Mol Genet.* 2010 Jul 1;19(13):2581-93. doi: 10.1093/hmg/ddq136. Epub 2010 Apr 8. Erratum in: *Hum Mol Genet.* 2011 Dec 15;20(24):5024. PubMed PMID: 20378608; PubMed Central PMCID: PMC2883338.

22: Farias FH, Johnson GS, Taylor JF, Giuliano E, Katz ML, Sanders DN, Schnabel RD, McKay SD, Khan S, Gharahkhani P, O'Leary CA, Pettitt L, Forman OP, Boursnell M, McLaughlin B, Ahonen S, Lohi H, Hernandez-Merino E, Gould DJ, Sargan DR,

Mellersh C. An ADAMTS17 splice donor site mutation in dogs with primary lens luxation. *Invest Ophthalmol Vis Sci*. 2010 Sep;51(9):4716-21. doi: 10.1167/iovs.09-5142. Epub 2010 Apr 7. PubMed PMID: 20375329.

23: Shastry BS. Persistent hyperplastic primary vitreous: congenital malformation of the eye. *Clin Experiment Ophthalmol*. 2009 Dec;37(9):884-90. doi: 10.1111/j.1442-9071.2009.02150.x. Review. PubMed PMID: 20092598.

24: Miyadera K, Kato K, Aguirre-Hernández J, Tokuriki T, Morimoto K, Busse C, Barnett K, Holmes N, Ogawa H, Sasaki N, Mellersh CS, Sargan DR. Phenotypic variation and genotype-phenotype discordance in canine cone-rod dystrophy with an RPGRIP1 mutation. *Mol Vis*. 2009 Nov 11;15:2287-305. PubMed PMID: 19936303; PubMed Central PMCID: PMC2779058.

25: Esson D, Armour M, Mundy P, Schobert CS, Dubielzig RR. The histopathological and immunohistochemical characteristics of pigmentary and cystic glaucoma in the Golden Retriever. *Vet Ophthalmol*. 2009 Nov-Dec;12(6):361-8. doi: 10.1111/j.1463-5224.2009.00732.x. PubMed PMID: 19883466.

26: Dekomien G, Vollrath C, Petrasch-Parwez E, Boevé MH, Akkad DA, Gerding WM, Epplen JT. Progressive retinal atrophy in Schapendoes dogs: mutation of the newly identified CCDC66 gene. *Neurogenetics*. 2010 May;11(2):163-74. doi: 10.1007/s10048-009-0223-z. Epub 2009 Sep 24. PubMed PMID: 19777273.

27: High KA. The Jeremiah Metzger Lecture: gene therapy for inherited disorders: from Christmas disease to Leber's amaurosis. *Trans Am Clin Climatol Assoc*. 2009;120:331-59. PubMed PMID: 19768188; PubMed Central PMCID: PMC2744558.

28: Cai X, Conley SM, Naash MI. RPE65: role in the visual cycle, human retinal disease, and gene therapy. *Ophthalmic Genet*. 2009 Jun;30(2):57-62. doi: 10.1080/13816810802626399. Review. PubMed PMID: 19373675; PubMed Central PMCID: PMC2821785.

29: Bedford PG. Retinal pigment epithelial dystrophy in the Briard. *Vet Rec*. 2009 Mar 21;164(12):377. PubMed PMID: 19305014.

30: Beltran WA, Acland GM, Aguirre GD. Age-dependent disease expression determines remodeling of the retinal mosaic in carriers of RPGR exon ORF15 mutations. *Invest Ophthalmol Vis Sci*. 2009 Aug;50(8):3985-95. doi: 10.1167/iovs.08-3364. Epub 2009 Feb 28. PubMed PMID: 19255154; PubMed Central PMCID: PMC2718058.

- 31: Lh riteau E, Libeau L, Stieger K, Deschamps JY, Mendes-Madeira A, Provost N, Lemoine F, Mellersh C, Ellinwood NM, Cherel Y, Moullier P, Rolling F. The R PGRI1-deficient dog, a promising canine model for gene therapy. *Mol Vis.* 2009;15:349-61. Epub 2009 Feb 18. PubMed PMID: 19223988; PubMed Central PMCID: PMC2642837.
- 32: Westermeyer HD, Ward DA, Abrams K. Breed predisposition to congenital alacrima in dogs. *Vet Ophthalmol.* 2009 Jan-Feb;12(1):1-5. doi: 10.1111/j.1463-5224.2009.00665.x. PubMed PMID: 19152591.
- 33: Mowat FM, Petersen-Jones SM, Williamson H, Williams DL, Luthert PJ, Ali RR, Bainbridge JW. Topographical characterization of cone photoreceptors and the area centralis of the canine retina. *Mol Vis.* 2008;14:2518-27. Epub 2008 Dec 29. PubMed PMID: 19112529; PubMed Central PMCID: PMC2610288.
- 34: Kaplan J. Leber congenital amaurosis: from darkness to spotlight. *Ophthalmic Genet.* 2008 Sep;29(3):92-8. doi: 10.1080/13816810802232768. PubMed PMID: 18766987.
- 35: M ller C, Hamann H, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. Analysis of systematic and genetic effects on the prevalence of different types of primary lens opacifications in the wild-boar-colored wirehaired Dachshund. *Berl Munch Tierarztl Wochenschr.* 2008 Jul-Aug;121(7-8):286-91. PubMed PMID: 18712265.
- 36: Grahn BH, Sandmeyer LL, Breaux C. Retinopathy of Coton de Tulear dogs: clinical manifestations, electroretinographic, ultrasonographic, fluorescein and indocyanine green angiographic, and optical coherence tomographic findings. *Vet Ophthalmol.* 2008 Jul-Aug;11(4):242-9. doi: 10.1111/j.1463-5224.2008.00632.x. PubMed PMID: 18638350.
- 37: MacKay EO, Kallberg ME, Barrie KP, Miller W, Sapienza JS, Denis H, Ollivier FJ, Plummer C, Rinkoski T, Scotty N, Gelatt KN. Myocilin protein levels in the aqueous humor of the glaucomas in selected canine breeds. *Vet Ophthalmol.* 2008 Jul-Aug;11(4):234-41. doi: 10.1111/j.1463-5224.2008.00631.x. PubMed PMID: 18638349.
- 38: Engelhardt A, Stock KF, Hamann H, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. A retrospective study on the prevalence of primary cataracts in two

pedigrees from the German population of English Cocker Spaniels. *Vet Ophthalmol.* 2008 Jul-Aug;11(4):215-21. doi: 10.1111/j.1463-5224.2008.00628.x. PubMed PMID: 18638346.

39: Wiik AC, Ropstad EO, Bjerkås E, Lingaas F. A study of candidate genes for day blindness in the standard wire haired dachshund. *BMC Vet Res.* 2008 Jul 1;4:23. doi: 10.1186/1746-6148-4-23. PubMed PMID: 18593457; PubMed Central PMCID: PMC2494547.

40: Müller C, Distl O. Association study of candidate genes for primary cataracts and fine-mapping of a candidate region on dog chromosome 1 in Entlebucher mountain dogs. *Mol Vis.* 2008 May 16;14:883-8. PubMed PMID: 18490961; PubMed Central PMCID: PMC2386508.

41: Mackay EO, Källberg ME, Gelatt KN. Aqueous humor myocilin protein levels in normal, genetic carriers, and glaucoma Beagles. *Vet Ophthalmol.* 2008 May-Jun;11(3):177-85. doi: 10.1111/j.1463-5224.2008.00617.x. PubMed PMID: 18435660.

42: Ropstad EO, Narfström K, Lingaas F, Wiik C, Bruun A, Bjerkås E. Functional and structural changes in the retina of wire-haired dachshunds with early-onset cone-rod dystrophy. *Invest Ophthalmol Vis Sci.* 2008 Mar;49(3):1106-15. doi: 10.1167/iovs.07-0848. PubMed PMID: 18326738.

43: Vilboux T, Chaudieu G, Jeannin P, Delattre D, Hedan B, Bourgain C, Queney G, Galibert F, Thomas A, André C. Progressive retinal atrophy in the Border Collie: a new XLPRA. *BMC Vet Res.* 2008 Mar 3;4:10. doi: 10.1186/1746-6148-4-10. PubMed PMID: 18315866; PubMed Central PMCID: PMC2324077.

44: Ferreira Sde A, Ituassu LT, de Melo MN, de Andrade AS. Evaluation of the conjunctival swab for canine visceral leishmaniasis diagnosis by PCR-hybridization in Minas Gerais State, Brazil. *Vet Parasitol.* 2008 Apr 15;152(3-4):257-63. doi: 10.1016/j.vetpar.2007.12.022. Epub 2008 Feb 1. PubMed PMID: 18242866.

45: Oberbauer AM, Hollingsworth SR, Belanger JM, Regan KR, Famula TR. Inheritance of cataracts and primary lens luxation in Jack Russell Terriers. *Am J Vet Res.* 2008 Feb;69(2):222-7. doi: 10.2460/ajvr.69.2.222. PubMed PMID: 18241019.

- 46: Engelhardt A, Stock KF, Hamann H, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. Analysis of systematic and genetic effects on the prevalence of primary cataract, persistent pupillary membrane and distichiasis in the two color variants of English Cocker Spaniels in Germany. *Berl Munch Tierarztl Wochenschr.* 2007 Nov-Dec;120(11-12):490-8. PubMed PMID: 18085160.
- 47: Petersen-Jones SM, Forcier J, Mentzer AL. Ocular melanosis in the Cairn Terrier: clinical description and investigation of mode of inheritance. *Vet Ophthalmol.* 2007 Nov-Dec;10 Suppl 1:63-9. PubMed PMID: 17973836.
- 48: Kato K, Sasaki N, Matsunaga S, Nishimura R, Ogawa H. Cloning of canine myocilin cDNA and molecular analysis of the myocilin gene in Shiba Inu dogs. *Vet Ophthalmol.* 2007 Nov-Dec;10 Suppl 1:53-62. PubMed PMID: 17973835.
- 49: Katz ML, Sanders DN, Mooney BP, Johnson GS. Accumulation of glial fibrillary acidic protein and histone H4 in brain storage bodies of Tibetan terriers with hereditary neuronal ceroid lipofuscinosis. *J Inherit Metab Dis.* 2007 Nov;30(6):952-63. Epub 2007 Nov 15. PubMed PMID: 18004671.
- 50: Casal ML, Lewis JR, Mauldin EA, Tardivel A, Ingold K, Favre M, Paradies F, Demotz S, Gaide O, Schneider P. Significant correction of disease after postnatal administration of recombinant ectodysplasin A in canine X-linked ectodermal dysplasia. *Am J Hum Genet.* 2007 Nov;81(5):1050-6. Epub 2007 Sep 18. PubMed PMID: 17924345; PubMed Central PMCID: PMC2265652.
- 51: Sakazume S, Sorokina E, Iwamoto Y, Semina EV. Functional analysis of human mutations in homeodomain transcription factor PITX3. *BMC Mol Biol.* 2007 Sep 21;8:84. PubMed PMID: 17888164; PubMed Central PMCID: PMC2093940.
- 52: Guyon R, Pearce-Kelling SE, Zeiss CJ, Acland GM, Aguirre GD. Analysis of six candidate genes as potential modifiers of disease expression in canine XLPR1, a model for human X-linked retinitis pigmentosa 3. *Mol Vis.* 2007 Jul 11;13:1094-105. PubMed PMID: 17653054; PubMed Central PMCID: PMC2779147.
- 53: Aguirre GK, Komáromy AM, Cideciyan AV, Brainard DH, Aleman TS, Roman AJ, Avants BB, Gee JC, Korczykowski M, Hauswirth WW, Acland GM, Aguirre GD, Jacobson SG. Canine and human visual cortex intact and responsive despite early retinal blindness from RPE65 mutation. *PLoS Med.* 2007 Jun;4(6):e230. PubMed PMID: 17594175; PubMed Central PMCID: PMC1896221.

- 54: Sargan DR, Withers D, Pettitt L, Squire M, Gould DJ, Mellersh CS. Mapping the mutation causing lens luxation in several terrier breeds. *J Hered.* 2007;98(5):534-8. Epub 2007 Jun 15. PubMed PMID: 17573382.
- 55: Rolling F, Le Meur G, Stieger K, Smith AJ, Weber M, Deschamps JY, Nivard D, Mendes-Madeira A, Provost N, Péréon Y, Cherel Y, Ali RR, Hamel C, Moullier P, Rolling F. Gene therapeutic prospects in early onset of severe retinal dystrophy: restoration of vision in RPE65 Briard dogs using an AAV serotype 4 vector that specifically targets the retinal pigmented epithelium. *Bull Mem Acad R Med Belg.* 2006;161(10-12):497-508; discussion 508-9. PubMed PMID: 17503728.
- 56: Narfström K, Wrigstad A, Ekestén B, Berg AL. Neuronal ceroid lipofuscinosis: clinical and morphologic findings in nine affected Polish Owczarek Nizinny (PON) dogs. *Vet Ophthalmol.* 2007 Mar-Apr;10(2):111-20. PubMed PMID: 17324167.
- 57: Beltran WA, Wen R, Acland GM, Aguirre GD. Intravitreal injection of ciliary neurotrophic factor (CNTF) causes peripheral remodeling and does not prevent photoreceptor loss in canine RPGR mutant retina. *Exp Eye Res.* 2007 Apr;84(4):753-71. Epub 2007 Jan 9. PubMed PMID: 17320077; PubMed Central PMCID: PMC2709826.
- 58: Dauvilliers Y, Arnulf I, Mignot E. Narcolepsy with cataplexy. *Lancet.* 2007 Feb 10;369(9560):499-511. Review. PubMed PMID: 17292770.
- 59: Ropstad EO, Bjerkås E, Narfström K. Electroretinographic findings in the Standard Wire Haired Dachshund with inherited early onset cone-rod dystrophy. *Doc Ophthalmol.* 2007 Jan;114(1):27-36. Epub 2006 Dec 19. PubMed PMID: 17180612.
- 60: Bemelmans AP, Kostic C, Crippa SV, Hauswirth WW, Lem J, Munier FL, Seeliger MW, Wenzel A, Arsenijevic Y. Lentiviral gene transfer of RPE65 rescues survival and function of cones in a mouse model of Leber congenital amaurosis. *PLoS Med.* 2006 Oct;3(10):e347. PubMed PMID: 17032058; PubMed Central PMCID: PMC1592340.
- 61: Wurtman RJ. Narcolepsy and the hypocretins. *Metabolism.* 2006 Oct;55(10 Suppl 2):S36-9. Review. PubMed PMID: 16979425.

62: Jacobson SG, Boye SL, Aleman TS, Conlon TJ, Zeiss CJ, Roman AJ, Cideciyan AV, Schwartz SB, Komaromy AM, Doobraj M, Cheung AY, Sumaroka A, Pearce-Kelling SE, Aguirre GD, Kaushal S, Maguire AM, Flotte TR, Hauswirth WW. Safety in nonhuman primates of ocular AAV2-RPE65, a candidate treatment for blindness in Leber congenital amaurosis. Hum Gene Ther. 2006 Aug;17(8):845-58. PubMed PMID: 16942444.

63: Mellersh CS, Pettitt L, Forman OP, Vaudin M, Barnett KC. Identification of mutations in HSF4 in dogs of three different breeds with hereditary cataracts. Vet Ophthalmol. 2006 Sep-Oct;9(5):369-78. PubMed PMID: 16939467.

64: Heinrich CL, Lakhani KH, Featherstone HJ, Barnett KC. Cataract in the UK Leonberger population. Vet Ophthalmol. 2006 Sep-Oct;9(5):350-6. PubMed PMID: 16939464.

65: Grahn BH, Sandmeyer LS. Multifocal retinopathy of Great Pyrenees dogs. Can Vet J. 2006 May;47(5):491-2. PubMed PMID: 16734379; PubMed Central PMCID: PMC2828374.

66: Kaufhold J, Hamann H, Steinbach G, Gordon S, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. [Analysis of the prevalence of distichiasis in the dog breed Elo]. Berl Munch Tierarztl Wochenschr. 2006 May-Jun;119(5-6):233-7. German. PubMed PMID: 16729470.

67: Beltran WA, Hammond P, Acland GM, Aguirre GD. A frameshift mutation in RPGR exon ORF15 causes photoreceptor degeneration and inner retina remodeling in a model of X-linked retinitis pigmentosa. Invest Ophthalmol Vis Sci. 2006 Apr;47(4):1669-81. PubMed PMID: 16565408.

68: Sieving PA, Caruso RC, Tao W, Coleman HR, Thompson DJ, Fullmer KR, Bush RA. Ciliary neurotrophic factor (CNTF) for human retinal degeneration: phase I trial of CNTF delivered by encapsulated cell intraocular implants. Proc Natl Acad Sci U S A. 2006 Mar 7;103(10):3896-901. Epub 2006 Feb 27. PubMed PMID: 16505355; PubMed Central PMCID: PMC1383495.

69: Donaldson D, Sansom J, Scase T, Adams V, Mellersh C. Canine limbal melanoma: 30 cases (1992-2004). Part 1. Signalment, clinical and histological features and pedigree analysis. Vet Ophthalmol. 2006 Mar-Apr;9(2):115-9. PubMed PMID:

16497236.

70: Kato K, Sasaki N, Matsunaga S, Mochizuki M, Nishimura R, Ogawa H. Possible association of glaucoma with pectinate ligament dysplasia and narrowing of the iridocorneal angle in Shiba Inu dogs in Japan. *Vet Ophthalmol*. 2006 Mar-Apr;9(2):71-5. PubMed PMID: 16497230.

71: Tolar EL, Hendrix DV, Rohrbach BW, Plummer CE, Brooks DE, Gelatt KN. Evaluation of clinical characteristics and bacterial isolates in dogs with bacterial keratitis: 97 cases (1993-2003). *J Am Vet Med Assoc*. 2006 Jan 1;228(1):80-5. PubMed PMID: 16426172.

72: Wang B, O'Malley TM, Xu L, Vite C, Wang P, O'Donnell PA, Ellinwood NM, Haskins ME, Ponder KP. Expression in blood cells may contribute to biochemical and pathological improvements after neonatal intravenous gene therapy for mucopolysaccharidosis VII in dogs. *Mol Genet Metab*. 2006 Jan;87(1):8-21. Epub 2005 Nov 7. PubMed PMID: 16275036.

73: Acland GM, Aguirre GD, Bennett J, Aleman TS, Cideciyan AV, Bennicelli J, Dejneka NS, Pearce-Kelling SE, Maguire AM, Palczewski K, Hauswirth WW, Jacobson SG. Long-term restoration of rod and cone vision by single dose rAAV-mediated gene transfer to the retina in a canine model of childhood blindness. *Mol Ther*. 2005 Dec;12(6):1072-82. Epub 2005 Oct 14. PubMed PMID: 16226919.

74: Storey ES, Grahn BH, Alcorn J. Multifocal chorioretinal lesions in Borzoi dogs. *Vet Ophthalmol*. 2005 Sep-Oct;8(5):337-47. PubMed PMID: 16178845.

75: Frigg R, Wenzel A, Grimm C, Remé CE. [Survival factors in the treatment of hereditary retinal degeneration]. *Ophthalmologe*. 2005 Aug;102(8):757-63. Review. German. PubMed PMID: 15990984.

76: Glaze MB. Congenital and hereditary ocular abnormalities in cats. *Clin Tech Small Anim Pract*. 2005 May;20(2):74-82. Review. PubMed PMID: 15948421.

77: Heitmann M, Hamann H, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. Analysis of prevalence of presumed inherited eye diseases in Entlebucher Mountain Dogs. *Vet Ophthalmol*. 2005 May-Jun;8(3):145-51. PubMed PMID: 15910366.

78: Cideciyan AV, Jacobson SG, Aleman TS, Gu D, Pearce-Kelling SE, Sumaroka A, Acland GM, Aguirre GD. In vivo dynamics of retinal injury and repair in the

rhodopsin mutant dog model of human retinitis pigmentosa. Proc Natl Acad Sci U S A. 2005 Apr 5;102(14):5233-8. Epub 2005 Mar 22. PubMed PMID: 15784735; PubMed Central PMCID: PMC555975.

79: Katz ML, Narfström K, Johnson GS, O'Brien DP. Assessment of retinal function and characterization of lysosomal storage body accumulation in the retinas and brains of Tibetan Terriers with ceroid-lipofuscinosis. Am J Vet Res. 2005 Jan;66(1):67-76. PubMed PMID: 15691038.

80: Liu Y, Xu L, Hennig AK, Kovacs A, Fu A, Chung S, Lee D, Wang B, Herati RS, Mosinger Ogilvie J, Cai SR, Parker Ponder K. Liver-directed neonatal gene therapy prevents cardiac, bone, ear, and eye disease in mucopolysaccharidosis I mice. Mol Ther. 2005 Jan;11(1):35-47. PubMed PMID: 15585404.

81: Zhu L, Jang GF, Jastrzebska B, Filipek S, Pearce-Kelling SE, Aguirre GD, Stenkamp RE, Acland GM, Palczewski K. A naturally occurring mutation of the opsin gene (T4R) in dogs affects glycosylation and stability of the G protein-coupled receptor. J Biol Chem. 2004 Dec 17;279(51):53828-39. Epub 2004 Sep 30. PubMed PMID: 15459196; PubMed Central PMCID: PMC1351288.

82: Ketteritzsch K, Hamann H, Brahm R, Grussendorf H, Rosenhagen CU, Distl O. Genetic analysis of presumed inherited eye diseases in Tibetan Terriers. Vet J. 2004 Sep;168(2):151-9. PubMed PMID: 15301763.

83: Koenekoop RK. An overview of Leber congenital amaurosis: a model to understand human retinal development. Surv Ophthalmol. 2004 Jul-Aug;49(4):379-98. Review. PubMed PMID: 15231395.

84: Narfström K, Bragadóttir R, Redmond TM, Rakoczy PE, van Veen T, Bruun A. Functional and structural evaluation after AAV.RPE65 gene transfer in the canine model of Leber's congenital amaurosis. Adv Exp Med Biol. 2003;533:423-30. PubMed PMID: 15180294.

85: Kijas JW, Zangerl B, Miller B, Nelson J, Kirkness EF, Aguirre GD, Acland GM. Cloning of the canine ABCA4 gene and evaluation in canine cone-rod dystrophies and progressive retinal atrophies. Mol Vis. 2004 Mar 29;10:223-32. PubMed PMID:

15064680.

86: Bennett J. Gene therapy for Leber congenital amaurosis. Novartis Found Symp. 2004;255:195-202; discussion 202-7. Review. PubMed PMID: 14750605.

87: Bok D. Gene therapy of retinal dystrophies: achievements, challenges and prospects. Novartis Found Symp. 2004;255:4-12; discussion 12-6, 177-8. Review. PubMed PMID: 14750593.

88: Bainbridge JW, Mistry A, Schlichtenbrede FC, Smith A, Broderick C, De Alwis M, Georgiadis A, Taylor PM, Squires M, Sethi C, Charteris D, Thrasher AJ, Sargan D, Ali RR. Stable rAAV-mediated transduction of rod and cone photoreceptors in the canine retina. Gene Ther. 2003 Aug;10(16):1336-44. PubMed PMID: 12883530.

89: Lowe JK, Kukekova AV, Kirkness EF, Langlois MC, Aguirre GD, Acland GM, Ostrander EA. Linkage mapping of the primary disease locus for collie eye anomaly. Genomics. 2003 Jul;82(1):86-95. PubMed PMID: 12809679.

90: Kijas JW, Miller BJ, Pearce-Kelling SE, Aguirre GD, Acland GM. Canine models of ocular disease: outcross breedings define a dominant disorder present in the English mastiff and bull mastiff dog breeds. J Hered. 2003 Jan-Feb;94(1):27-30. PubMed PMID: 12692159.

91: Gelatt KN, Wallace MR, Andrew SE, MacKay EO, Samuelson DA. Cataracts in the Bichon Frise. Vet Ophthalmol. 2003 Mar;6(1):3-9. PubMed PMID: 12641835.

92: Udar N, Yelchits S, Chalukya M, Yellore V, Nusinowitz S, Silva-Garcia R, Vrabc T, Hussles Maumenee I, Donoso L, Small KW. Identification of GUCY2D gene mutations in *CORD5* families and evidence of incomplete penetrance. Hum Mutat. 2003 Feb;21(2):170-1. PubMed PMID: 12552567.

93: Xu L, Mango RL, Sands MS, Haskins ME, Ellinwood NM, Ponder KP. Evaluation of pathological manifestations of disease in mucopolysaccharidosis VII mice after neonatal hepatic gene therapy. Mol Ther. 2002 Dec;6(6):745-58. PubMed PMID: 12498771.

94: Martin KR, Klein RL, Quigley HA. Gene delivery to the eye using

adeno-associated viral vectors. *Methods*. 2002 Oct;28(2):267-75. Review. PubMed
PMID: 12413426.

95: Lin CT, Gould DJ, Petersen-Jonest SM, Sargan DR. Canine inherited retinal degenerations: update on molecular genetic research and its clinical application. *J Small Anim Pract*. 2002 Oct;43(10):426-32. Review. PubMed PMID: 12400639.

96: Cherqui S, Sevin C, Hamard G, Kalatzis V, Sich M, Pequignot MO, Gogat K, Abitbol M, Broyer M, Gubler MC, Antignac C. Intralysosomal cystine accumulation in mice lacking cystinosin, the protein defective in cystinosis. *Mol Cell Biol*. 2002 Nov;22(21):7622-32. PubMed PMID: 12370309; PubMed Central PMCID: PMC135682.

97: Ponder KP, Melniczek JR, Xu L, Weil MA, O'Malley TM, O'Donnell PA, Knox VW, Aguirre GD, Mazrier H, Ellinwood NM, Sleeper M, Maguire AM, Volk SW, Mango RL, Zweigle J, Wolfe JH, Haskins ME. Therapeutic neonatal hepatic gene therapy in mucopolysaccharidosis VII dogs. *Proc Natl Acad Sci U S A*. 2002 Oct 1;99(20):13102-7. Epub 2002 Sep 13. PubMed PMID: 12232044; PubMed Central PMCID: PMC130593.

98: Takahashi K, Luo T, Saishin Y, Saishin Y, Sung J, Hackett S, Brazzell RK, Kaleko M, Campochiaro PA. Sustained transduction of ocular cells with a bovine immunodeficiency viral vector. *Hum Gene Ther*. 2002 Jul 20;13(11):1305-16. PubMed PMID: 12162813.

99: Sidjanin DJ, Lowe JK, McElwee JL, Milne BS, Phippen TM, Sargan DR, Aguirre GD, Acland GM, Ostrander EA. Canine CNGB3 mutations establish cone degeneration as orthologous to the human achromatopsia locus ACHM3. *Hum Mol Genet*. 2002 Aug 1;11(16):1823-33. PubMed PMID: 12140185.

100: Schlichtenbrede FC, Sarra GM, Ali RR, Wiedemann P, Reichel MB. [Progress in somatic gene therapy of retinal degeneration in the animal model]. *Ophthalmologe*. 2002 Apr;99(4):259-65. Review. German. PubMed PMID: 12058500.

101: Zangerl B, Zhang Q, Acland GM, Aguirre GD. Characterization of three microsatellite loci linked to the canine RP3 interval. *J Hered*. 2002 Jan-Feb;93(1):70-3. PubMed PMID: 12011183.

102: Kijas JW, Cideciyan AV, Aleman TS, Pianta MJ, Pearce-Kelling SE, Miller BJ, Jacobson SG, Aguirre GD, Acland GM. Naturally occurring rhodopsin mutation in the dog causes retinal dysfunction and degeneration mimicking human dominant retinitis pigmentosa. Proc Natl Acad Sci U S A. 2002 Apr 30;99(9):6328-33. Epub 2002 Apr 23. PubMed PMID: 11972042; PubMed Central PMCID: PMC122948.

103: Akhmedov NB, Baldwin VJ, Zangerl B, Kijas JW, Hunter L, Minoofar KD, Mellersh C, Ostrander EA, Acland GM, Farber DB, Aguirre GD. Cloning and characterization of the canine photoreceptor specific cone-rod homeobox (CRX) gene and evaluation as a candidate for early onset photoreceptor diseases in the dog. Mol Vis. 2002 Mar 22;8:79-84. PubMed PMID: 11951083.

104: Narfström K. Hereditary and congenital ocular disease in the cat. J Feline Med Surg. 1999 Sep;1(3):135-41. Review. PubMed PMID: 11919028.

105: Verdugo ME, Scarpino V, Moullier P, Haskins ME, Aguirre GD, Ray J. Adenoviral vector-mediated beta-glucuronidase cDNA transfer to treat MPS VII RPE in vitro. Curr Eye Res. 2001 Nov;23(5):357-67. PubMed PMID: 11910525.

106: Beltran WA, Chahory S, Gnirs K, Escriou C, Blot S, Clerc B. The electroretinographic phenotype of dogs with Golden Retriever muscular dystrophy. Vet Ophthalmol. 2001 Dec;4(4):277-82. PubMed PMID: 11906664.

107: Petersen-Jones S. Current DNA-based tests for hereditary eye disease. Vet Ophthalmol. 2001 Dec;4(4):233-6. Review. PubMed PMID: 11906657.

108: Pellegrini B, Acland GM, Ray J. Cloning and characterization of opticin cDNA: evaluation as a candidate for canine oculo-skeletal dysplasia. Gene. 2002 Jan 9;282(1-2):121-31. PubMed PMID: 11814684.

109: Zhang Q, Acland GM, Zangerl B, Johnson JL, Mao Z, Zeiss CJ, Ostrander EA, Aguirre GD. Fine mapping of canine XLPRA establishes homology of the human and canine RP3 intervals. Invest Ophthalmol Vis Sci. 2001 Oct;42(11):2466-71. PubMed PMID: 11581184.

110: Saari JC. The sights along route 65. Nat Genet. 2001 Sep;29(1):8-9. PubMed PMID: 11528379.

- 111: Andrawiss M, Maron A, Beltran W, Opolon P, Connault E, Griscelli F, Yeh P, Perricaudet M, Devauchelle P. Adenovirus-mediated gene transfer in canine eyes: a preclinical study for gene therapy of human uveal melanoma. *J Gene Med.* 2001 May-Jun;3(3):228-39. PubMed PMID: 11437328.
- 112: Acland GM, Aguirre GD, Ray J, Zhang Q, Aleman TS, Cideciyan AV, Pearce-Kelling SE, Anand V, Zeng Y, Maguire AM, Jacobson SG, Hauswirth WW, Bennett J. Gene therapy restores vision in a canine model of childhood blindness. *Nat Genet.* 2001 May;28(1):92-5. PubMed PMID: 11326284.
- 113: Dekomien G, Runte M, Gödde R, Epplen JT. Generalized progressive retinal atrophy of Sloughi dogs is due to an 8-bp insertion in exon 21 of the PDE6B gene. *Cytogenet Cell Genet.* 2000;90(3-4):261-7. PubMed PMID: 11124530.
- 114: Du F, Acland GM, Ray J. Cloning and expression of type II collagen mRNA: evaluation as a candidate for canine oculo-skeletal dysplasia. *Gene.* 2000 Sep 19;255(2):307-16. PubMed PMID: 11024291.
- 115: Runte M, Dekomien G, Epplen JT. Evaluation of RDS/Peripherin and ROM1 as candidate genes in generalised progressive retinal atrophy and exclusion of digenic inheritance. *Anim Genet.* 2000 Jun;31(3):223-7. PubMed PMID: 10895316.
- 116: Zeiss CJ, Ray K, Acland GM, Aguirre GD. Mapping of X-linked progressive retinal atrophy (XLPRA), the canine homolog of retinitis pigmentosa 3 (RP3). *Hum Mol Genet.* 2000 Mar 1;9(4):531-7. PubMed PMID: 10699176.
- 117: Zeiss CJ, Acland GM, Aguirre GD. Retinal pathology of canine X-linked progressive retinal atrophy, the locus homologue of RP3. *Invest Ophthalmol Vis Sci.* 1999 Dec;40(13):3292-304. PubMed PMID: 10586956.
- 118: Wang W, Zhang Q, Acland GM, Mellersh C, Ostrander EA, Ray K, Aguirre GD. Molecular characterization and mapping of canine cGMP-phosphodiesterase delta subunit (PDE6D). *Gene.* 1999 Aug 20;236(2):325-32. PubMed PMID: 10452952.
- 119: Petersen-Jones SM, Entz DD, Sargan DR. cGMP phosphodiesterase-alpha mutation causes progressive retinal atrophy in the Cardigan Welsh corgi dog. *Invest Ophthalmol Vis Sci.* 1999 Jul;40(8):1637-44. PubMed PMID: 10393029.

- 120: Gu W, Ray K, Pearce-Kelling S, Baldwin VJ, Langston AA, Ray J, Ostrander EA, Acland GM, Aguirre GD. Evaluation of the APOH gene as a positional candidate for prcd in dogs. Invest Ophthalmol Vis Sci. 1999 May;40(6):1229-37. PubMed PMID: 10235557.
- 121: Faraco J, Lin X, Li R, Hinton L, Lin L, Mignot E. Genetic studies in narcolepsy, a disorder affecting REM sleep. J Hered. 1999 Jan-Feb;90(1):129-32. Review. PubMed PMID: 9987919.
- 122: Zhang Q, Baldwin VJ, Acland GM, Parshall CJ, Haskel J, Aguirre GD, Ray K. Photoreceptor dysplasia (pd) in miniature schnauzer dogs: evaluation of candidate genes by molecular genetic analysis. J Hered. 1999 Jan-Feb;90(1):57-61. PubMed PMID: 9987905.
- 123: Zeiss CJ, Acland GM, Aguirre GD, Ray K. TIMP-1 expression is increased in X-linked progressive retinal atrophy despite its exclusion as a candidate gene. Gene. 1998 Dec 28;225(1-2):67-75. PubMed PMID: 9931441.
- 124: Klein W, Dekomien G, Holmes N, Epplen JT. Evaluation of ROM1 as a candidate gene in generalised progressive retinal atrophy in dogs. Anim Genet. 1998 Aug;29(4):316-8. PubMed PMID: 9745671.
- 125: Gao YQ, Danciger M, Akhmedov NB, Zhao DY, Heckenlively JR, Fishman GA, Weleber RG, Jacobson SG, Farber DB. Exon screening of the genes encoding the beta- and gamma-subunits of cone transducin in patients with inherited retinal disease. Mol Vis. 1998 Sep 17;4:16. PubMed PMID: 9743540.
- 126: Zhang Q, Acland GM, Parshall CJ, Haskell J, Ray K, Aguirre GD. Characterization of canine photoreceptor phosphodiesterase cDNA and identification of a sequence variant in dogs with photoreceptor dysplasia. Gene. 1998 Jul 30;215(2):231-9. PubMed PMID: 9714819.
- 127: Ray J, Wolfe JH, Aguirre GD, Haskins ME. Retroviral cDNA transfer to the RPE: stable expression and modification of metabolism. Invest Ophthalmol Vis Sci. 1998 Aug;39(9):1658-66. PubMed PMID: 9699555.
- 128: Gould DJ, Petersen-Jones SM, Lin CT, Sargan DR. Cloning of canine rom-1 and its investigation as a candidate gene for generalized progressive retinal atrophies in dogs. Anim Genet. 1997 Dec;28(6):391-6. PubMed PMID: 9589581.

129: Acland GM, Ray K, Mellersh CS, Gu W, Langston AA, Rine J, Ostrander EA, Aguirre GD. Linkage analysis and comparative mapping of canine progressive rod-cone degeneration (prcd) establishes potential locus homology with retinitis pigmentosa (RP17) in humans. Proc Natl Acad Sci U S A. 1998 Mar 17;95(6):3048-53. PubMed PMID: 9501213; PubMed Central PMCID: PMC19692.

130: Petersen-Jones SM. A review of research to elucidate the causes of the generalized progressive retinal atrophies. Vet J. 1998 Jan;155(1):5-18. Review. PubMed PMID: 9455155.

131: Dürrwald R, Ludwig H. Borna disease virus (BDV), a (zoonotic?) worldwide pathogen. A review of the history of the disease and the virus infection with comprehensive bibliography. Zentralbl Veterinarmed B. 1997 May;44(3):147-84. PubMed PMID: 9197210.

132: Ray K, Baldwin VJ, Zeiss C, Acland GM, Aguirre GD. Canine rod transducin alpha-1: cloning of the cDNA and evaluation of the gene as a candidate for progressive retinal atrophy. Curr Eye Res. 1997 Jan;16(1):71-7. PubMed PMID: 9043826.

133: Gropp KE, Szél A, Huang JC, Acland GM, Farber DB, Aguirre GD. Selective absence of cone outer segment beta 3-transducin immunoreactivity in hereditary cone degeneration (cd). Exp Eye Res. 1996 Sep;63(3):285-96. PubMed PMID: 8943701.

134: Lane SC, Jolly RD, Schmechel DE, Alroy J, Boustany RM. Apoptosis as the mechanism of neurodegeneration in Batten's disease. J Neurochem. 1996 Aug;67(2):677-83. PubMed PMID: 8764595.

135: Bennett J, Tanabe T, Sun D, Zeng Y, Kjeldbye H, Gouras P, Maguire AM. Photoreceptor cell rescue in retinal degeneration (rd) mice by in vivo gene therapy. Nat Med. 1996 Jun;2(6):649-54. PubMed PMID: 8640555.

136: Clements PJ, Sargan DR, Gould DJ, Petersen-Jones SM. Recent advances in understanding the spectrum of canine generalised progressive retinal atrophy. J Small Anim Pract. 1996 Apr;37(4):155-62. Review. PubMed PMID: 8731401.

137: McLaughlin ME, Ehrhart TL, Berson EL, Dryja TP. Mutation spectrum of the

gene encoding the beta subunit of rod phosphodiesterase among patients with autosomal recessive retinitis pigmentosa. Proc Natl Acad Sci U S A. 1995 Apr 11;92(8):3249-53. PubMed PMID: 7724547; PubMed Central PMCID: PMC42143.

138: Dell'Osso LF, Williams RW. Ocular motor abnormalities in achiasmatic mutant Belgian sheepdogs: unyoked eye movements in a mammal. Vision Res. 1995 Jan;35(1):109-16. PubMed PMID: 7839601.

139: Ray K, Baldwin VJ, Acland GM, Blanton SH, Aguirre GD. Cosegregation of codon 807 mutation of the canine rod cGMP phosphodiesterase beta gene and rcd1. Invest Ophthalmol Vis Sci. 1994 Dec;35(13):4291-9. PubMed PMID: 8002249.

140: Shastry BS, Reddy VN. Studies on congenital hereditary cataract and microphthalmia of the miniature schnauzer dog. Biochem Biophys Res Commun. 1994 Sep 30;203(3):1663-7. PubMed PMID: 7945315.

141: Clements PJ, Gregory CY, Peterson-Jones SM, Sargan DR, Bhattacharya SS. Confirmation of the rod cGMP phosphodiesterase beta subunit (PDE beta) nonsense mutation in affected rcd-1 Irish setters in the UK and development of a diagnostic test. Curr Eye Res. 1993 Sep;12(9):861-6. PubMed PMID: 8261797.

142: McLaughlin ME, Sandberg MA, Berson EL, Dryja TP. Recessive mutations in the gene encoding the beta-subunit of rod phosphodiesterase in patients with retinitis pigmentosa. Nat Genet. 1993 Jun;4(2):130-4. PubMed PMID: 8394174.

143: McNeil MT, Ponce de Leon FA. The role of the veterinarian in genetic counseling. Probl Vet Med. 1992 Sep;4(3):471-90. Review. PubMed PMID: 1421815.

144: Dong Q, Ludgate M, Vassart G. Cloning and sequencing of a novel 64-kDa autoantigen recognized by patients with autoimmune thyroid disease. J Clin Endocrinol Metab. 1991 Jun;72(6):1375-81. PubMed PMID: 2026759.

145: Martin JJ. Adult type of neuronal ceroid lipofuscinosis. Dev Neurosci. 1991;13(4-5):331-8. Review. PubMed PMID: 1817040.

146: Acland GM, Halloran-Blanton S, Boughman JA, Aguirre GD. Segregation distortion in inheritance of progressive rod cone degeneration (prcd) in miniature poodle dogs. Am J Med Genet. 1990 Mar;35(3):354-9. PubMed PMID: 2309782.

147: Wetzel MG, Fahlman C, Maude MB, Alvarez RA, O'Brien PJ, Acland GM, Aguirre GD, Anderson RE. Fatty acid metabolism in normal miniature poodles and those

affected with progressive rod-cone degeneration (prcd). Prog Clin Biol Res. 1989;314:427-39. PubMed PMID: 2532748.

148: Petrick SW. Genetic eye disease diagnosed in Staffordshire bull terriers. J S Afr Vet Assoc. 1988 Dec;59(4):177. PubMed PMID: 3210210.

149: Long K, Philp N, Gery I, Aguirre G. S-antigen in a hereditary visual cell disease. Immunocytochemical and immunological studies. Invest Ophthalmol Vis Sci. 1988 Nov;29(11):1594-607. PubMed PMID: 3182194.

150: Aguirre GD, Acland GM. Variation in retinal degeneration phenotype inherited at the prcd locus. Exp Eye Res. 1988 May;46(5):663-87. PubMed PMID: 3164273.

151: Chader GJ, Fletcher RT, Barbehenn E, Aguirre G, Sanyal S. Studies on abnormal cyclic GMP metabolism in animal models of retinal degeneration: genetic relationships and cellular compartmentalization. Prog Clin Biol Res. 1987;247:289-307. PubMed PMID: 2825214.

152: Billiard M, Cadilhac J. [Narcolepsy]. Rev Neurol (Paris). 1985;141(8-9):515-27. Review. French. PubMed PMID: 2868518.

153: Goldsmith LA. Tyrosinemia II: lessons in molecular pathophysiology. Pediatr Dermatol. 1983 Jul;1(1):25-34. Review. PubMed PMID: 6149527.

154: Ostman J. Can adequate control of diabetes prevent the development of vascular complications? A mini review. Acta Med Scand Suppl. 1983;671:5-10. Review. PubMed PMID: 6349266.

155: Stades FC. [Hereditary features of progressive retinal atrophy (PRA) and its consequences in dog-breeding (author's transl)]. Tijdschr Diergeneeskd. 1982 Jan 1;107(1):29-32. Dutch. PubMed PMID: 7054923.

156: LaVail MM. Analysis of neurological mutants with inherited retinal degeneration. Friedenwald lecture. Invest Ophthalmol Vis Sci. 1981 Nov;21(5):638-57. Review. PubMed PMID: 7028675.

157: Berson EL. Retinitis pigmentosa and allied retinal diseases: electrophysiologic findings. Trans Sect Ophthalmol Am Acad Ophthalmol Otolaryngol. 1976 Jul-Aug;81(4 Pt 1):OP659-666. PubMed PMID: 960388.

158: Merin S, Auerbach E. Retinitis pigmentosa. Surv Ophthalmol. 1976 Mar-Apr;20(5):303-46. PubMed PMID: 817406.

159: Brown KS, Bergsma DR, Barrow MV. Animal models of pigment and hearing abnormalities in man. Birth Defects Orig Artic Ser. 1971 Mar;07(4):102-9.
PubMed
PMID: 5173333.