

7 Literaturverzeichnis

ADACHI, S.; NAKANO, T.; VLIAGOFTIS, H.; METCALFE, D.D.: **Receptor-mediated modulation of murine mast cell function by α -melanocyte stimulating hormone.** The Journal of Immunology,163,3363-3368,1999

ADALSTEINSSON, S.: **Gene identification in sheep.** World-Animal-Science, 365-369,1991

ADALSTEINSSON, S.; SPONENBERG, D.P.; ALEXIEVA, S.; RUSSEL, A.J.F.: **Inheritance of goat coat colours.** Journal of Heredity,85,267-272,1994

ADALSTEINSSON, S.; BJARNADOTTIR, S.; VAGE, D.; JONMUNDSSON, J.V.: **Brown coat color in icelandic cattle produced by the loci Extension and Agouti.** The Journal of Heredity,86(5),395-398,1995

AMADOR, A.G.; BARTKE, A.; HODGES, S.L.: **A new allele (Sl^d) involved in the regulation of testicular LH receptors and consequently testosterone production in the mouse.** Genome,30,Suppl.1,32,1988

AMADOR, A.; PARKENING, T.; BEAMER, W.; BARTKE, A.; COLLINS, T.J.: **Effects of alleles at the W-Locus on testicular Luteinizing Hormone Receptors in adult mice.** Journal of Receptor Research,4(7),741-753,1984

AMADOR, A.G.; SUNDQUIST, C.; BARTKE, A.: **Genetic determination of coat color affects testicular steroidogenesis in the Mustela vison.** J. Physiol. Biochem.,52(2),83-88,1996

ANDERSSON, L.; SANDBERG, K.: **A linkage group composed of three coat color genes and three serum protein loci in horses.** The Journal of Heredity,73,91-94,1982

ANDERSSON, L.C.: **C-kit gain-of-function mutations and human tumors.** Japanese Journal of Cancer Research,89(11),1394-1395,1998

ARNDT, PETERS, SCHÖNENBACH: **Weißes Rauschen.** Texte zur Installation "Passage",6-23,1996

ASHMAN, L.K.: **The biology of stem cell factor and its receptor C-kit.** The International Journal of Biochemistry and Cell Biology,31,1037-1051,1999

BARSH, G.S.: **The genetics of pigmentation: from fancy genes to complex traits.** Trends in Genetics,12(8),299-305,1996

BARTELS, T.; WEGNER, W.: **Pigmentierungsanomalien.** Fehlentwicklungen in der Haustierzucht: Zuchtextreme und Zuchtdefekte bei Nutz- und Hobbytieren,Ferdinand Enke Verlag,55-69,1998

BECERRIL, C.M.; WILCOX, C.J.; LAWLOR, T.J.; WIGGANS, G.R.; WEBB, D.W.: **Effects of percentage of white coat colour on Holstein production and reproduction in a subtropical environment.** Dairy Science,76,2286-2291,1993

- BECERRIL, C.M.; WILCOX, C.J.; WIGGANS, G.R.; SIGMON, K.N.: **Transformation of measurements percentage of white coat color for Holsteins and estimation of heritability.** Dairy Science,77,2651-2657,1994
- BECERRIL, C.M.; WILCOX, C.J.; GUERRERO, V.M.: **Holstein white coat color and performance: Phenotypic, genetic and environmental correlations.** Brazilian Journal of Genetics,19(4),587-591,1996
- BEDELL, M.A.; JENKINS, N.A.; COPELAND, N.G.: **Good genes in bad neighbourhoods.** nature genetics,12,1996a
- BEDELL, M.A.; CLEVELAND, L.S.; O`SULLIVAN, T.N.; COPELAND, N.G.; JENKINS, N.A.: **Deletion and interallelic complementation analysis of steel/ mutant mice.** Genetics,142,935-944,1996b
- BEDELL, M.A.; COPELAND, N.G.; JENKINS, N.A.: **Multiple pathways for steel/ regulation suggested by genomic and sequence analysis of the murine steel gene.** Genetics,142,927-934,1996c
- BELYAEV, D.K.: **Domestication of animals.** Science,1969
- BIELSCHOWSKY, M.; SCHOFIELD, G.C.: **Studies on megacolon in piebald mice.** Austral. J. exp. Biol.,40,395-404,1962
- BOGEN, E.: **Red hair and tuberculosis.** The American Review of Tuberculosis,43,285-287,1941
- BOISSY, R.E.; SAKAI, C.; ZHAO, H.; KOBAYASHI, T.; HEARING, V.J.: **Human tyrosinase related protein-1 (TRP-1) does not function as a DHICA oxidase activity in contrast to murine TRP-1.** Exp. Dermatol.,7(4),198-204,1998
- BORODIN, G.P.; PERELYGIN, A.V.; AXENOVICH, T.I.; TRAPEZOV, O.V.; SEROV, O.L.: **Genetic control of PI and GC variants in the American Mink.** Animal Genetics,26,435-437,1995
- BOWLING, A.T.: **Horse Genetics.** CAB INTERNATIONAL,1996
- BOX, N.F.; WYETH, J.R.; O`GORMAN, L.E.; MARTIN, G.N.; STURM R.A.: **Characterization of melanocyte stimulating hormone receptor variant alleles in twins with red hair.** Human Molecular Genetics,6,1891-1897,1997
- BOX, N.F.; WYETH, J.R.; MAYNE, C.J.; O`GORMAN, L.E.; MARTIN, G.N.; STURM R.A.: **Complete sequence and polymorphism study of the human TYRP1 gene encoding tyrosine-related protein 1.** Mammalian Genome,9,50-53,1998
- BOZION, P.G.: **Liaisons entre phenotypes de coloration de la robe et des caracteres quantitatifs chez le porc domestique.** Memoire de maitrise. 1989

- BRANDSCH, H.; GERBER, J.: **Beiträge zur Vererbung der Abzeichen bei Pferden. 1. Mitteilung: Aufgabenstellung und Beschreibung der statistischen Beobachtungen.** Arch. Tierz., Berlin,30,5,451-457,1987a
- BRANDSCH, H.; GERBER, J.: **Beiträge zur Vererbung der Abzeichen bei Pferden. 2. Mitteilung: Spaltungsverhältnisse bei unterschiedlichen Verpaarungsformen.** Arch. Tierz., Berlin,30,6,517-521,1987b
- BRANDSCH, H.; GERBER, J.: **Beiträge zur Vererbung der Abzeichen bei Pferden. 3. Mitteilung: Zusammenhänge zwischen Farbe, Abzeichen und Geschlecht.** Arch. Tierz., Berlin,31,1,73-81,1988a
- BRANDSCH, H.; GERBER, J.: **Beiträge zur Vererbung der Abzeichen bei Pferden. 4. Mitteilung: Arbeitshypothese zur Deutung der Zusammenhänge zwischen Farb- und Abzeichenvererbung.** Arch. Tierz., Berlin,31,4,385-390,1988b
- BRIQUET, R., JR.; LUSH, J.L.: **Heritability of amount of spotting in Holstein-Friesian cattle.** The Journal of Heredity,38(4),99-105,1947
- BROUDY, V.C.: **Stem cell factor and hematopoiesis.** The Journal of The American Society of Hematology,90(4),1345-1364,1997
- BROWN, T.A.: **Moderne Genetik.** Spektrum Akademischer Verlag,1993
- BÜNGER, L.; DIETL, G.; SCHÜLER, L.: **Zur Beurteilung der Belastbarkeit bei Laboratoriumsmäusen – Einfluß einer Selektion und der Fellfarbe auf die motorische Ausdauerbelastbarkeit.** Arch. Tierz., Berlin,30(5),459-471,1987
- BULTMANN, S.J.; MICHAUD, E.J.; WOYCHIK, R.P.: **Molecular characterization of the mouse agouti locus.** Cell,71,1195-1204,1992
- BURDITT, L.; BUCHANAN, D.; FITCH, J.: **Breeds of livestock.** Department of Animal Science, Oklahoma State University, www.ansi.okstate.edu/BREED/SWINE, 1996
- CASTLE, W.E.; GATES, W.H.; REED, S.C.; LAW, L.W.: **Studies of a size cross in mice II.** Genetics,21,310-323,1936
- CASTLE, W.E.: **Influence of certain color mutations on body size in mice, rats and rabbits.** Genetics,26,177-191,1941
- CASTLE, W.E.: **Coat color inheritance in horses and in other mammals.** Genetics,39,35-44,1954
- CATTANACH, B.: **The „dalmatian dilemma“: white coat colour and deafness.** Journal of small animal practice,40,193-200,1999
- CECCHI, C.; BIASOTTO, M.; TOSI, M.; AVNER, P.: **The mottled mouse as a model for human Menkes disease: identification of mutations in the Atp7a gene.** Human Molecular Genetics,6,3,425-433,1997

- CHABOT, B.; STEPHENSON, D.A.; CHAPMAN, V.M.; BESMER, P.; BERNSTEIN, A.: **The proto-oncogene *c-kit* encoding a transmembrane tyrosine kinase receptor maps to the mouse *W* locus.** Nature,335,88-89,1988
- CHAKRABORTY, A.K.; FUNASAKA, Y.; PAWELEK, J.M.; NAGAHAMA, M.; ITO, A.; ICHIHASHI, M.: **Enhanced expression of Melanocortin-1 Receptor (MC1-R) in normal human keratinocytes during differentiation: evidence for increased expression of POMC peptides near suprabasal layer of epidermis.** The Journal of Investigative Dermatology,112,6,853-860,1999
- CHARLIER, C.; DENYS, B.; BELANCHE, J.I.; COPPIETERS, W.; GROBET, L.; MNI, M.; WOMACK, J.; HANSET, R.; GEORGES, M.: **Microsatellite mapping of the bovine roan locus: a major determinant of White Heifer Disease.** Mammalian Genome,7,138-142,1996
- CHEN, Y.; DUHL, D.M.J.; BARSH, G.S.: **Opposite orientation of an inverted duplication and allelic variation at the mouse *agouti* locus.** Genetics,144,265-277,1996
- CHHAJLANI, V.; Wikberg, J E.S.: **Molecular cloning and expression of the human melanocyte stimulating hormone receptor cDNA.** Federation of European Biochemical Societies,309(3),417-420,1992
- CHHAJLANI, V.; Xu, X.; BLAUW, J.; SUDARSHI, S.: **Identification of ligand binding residues in extracellular loops of the melanocortin 1 receptor.** Biochemical and Biophysical Research Communications,219,521-525,1996
- CHIEFFO, C.; STALIS, I.H.; VAN WINKLE, T.J.; HASKINS, M.E.; PATTERSON, D.F.: **Cerebellar Purkinje's cell degeneration and coat color dilution in a family of Rhodesian Ridgeback dogs.** Journal of Veterinary Internal Medicine,Vol.8,No.2,112-116,1994
- CIOBANU, D.C.; NAGY, A.; WALES, R.; DAY, A.E.; PLASTOW, G.S.: **Genetic variation of two local Romanian pig breeds assessed using DNA markers.** 50th Annual Meeting of the European Association for Animal Production,Zurich,Switzerland,1999
- CLEFFMANN, G.: **Untersuchungen über die Fellzeichnung des Wildkaninchens. Ein Beitrag zur Wirkungsweise des Agoutifaktors.** Zeitschrift für indukt. Abstammungs- und Vererbungslehre,85,137-162,1953
- CLEFFMANN, G.: **Agouti pigment cells *in situ* and *in vivo*.** Annals New York Academy of Sciences,100,749-761,1963a
- CLEFFMANN,G.: **Die Bedeutung von äußeren Einflüssen auf die Pigmentzelle für die rythmische Musterbildung im Haar.** Roux' Archiv für Entwicklungsmechanik,154,239-271,1963b
- CONE, R.D.; LU, D.; KOPPULA, S.; VAGE, D.I.; KLUNGLAND, H.; BOSTON, B.; CHEN, W.; ORTH, D.N.; KESTERSON, R.A.: **The melanocortin receptors: agonists, antagonists, and the hormonal control of pigmentation.** Recent Progress in Hormone Research,51,287-318,1996

- CONRAD, J.: **Untersuchungen zu Beziehungen zwischen dem Schwarzanteil der Körperoberfläche und einigen Wachstumsmerkmalen beim Schwarzbunten Milchrind der DDR.** 1990
- DANNENBERG, H.D.: **Schwein haben – Historisches und Histörchen vom Schwein.** Gustav Fischer Verlag Jena,1990
- DAS, S.; LEVINSON, B.; VULPE, C.; WHITNEY, S.; GITSCHIER, J.; PACKMAN, S.: **Similar splicing mutations of the Menkes/mottled copper transporting ATPase gene in Occipital Horn Syndrome and the blotchy mouse.** Am. J. Hum. Genet.,56,570-576,1995
- DEFRIES, J.C.: **Pleiotropic effects of albinism on open field behaviour in mice.** Nature,221,4,65-66,1969
- DE SEPULVEDA, P.; PEYRIERAS, N.; PANTHIER, J.J.: **Instability at the W/c-kit locus in mice: analysis of melanocyte cell lines derived from reversion spots.** Oncogene,9,2655-2661,1994
- DE SEPULVEDA, P.; GUENET, J.L.; PANTHIER, J.J.: **Phenotypic reversions at the W/Kit locus mediated by mitotic recombination in mice.** Molecular and Cellular Biology,15(11),5898-5905,1995a
- DE SEPULVEDA, P.; SALAÜN, P.; MAAS, N.; ANDRÉ, C.; PANTHIER, J.J.: **SARs do not impair position-dependent expression of a Kit/LACZ transgene.** Biochemical and Biophysical Research Communications,211(3),735-741,1995b
- DICKIE, M.M.; WOOLEY, G.W.: **The age factor in weight of yellow mice.** The Journal of Heredity,37(12),365-368,1946
- DICKIE, M.M.: **The tortoise shell house mouse.** The Journal of Heredity,45,158+190,1954
- DICKIE, M.M.: **New splotch alleles in the mouse.** The Journal of Heredity,55,97-101,1964
- DINULESCU, D.; FAN, W.; BOSTON, B.; MCCALL, K.; LAMOREUX, M.L.; MOORE, K.J.; MONTAGNO, J.; CONE, R.D.: **Mahagony (mg) stimulates feeding and increases basal metabolic rate independent of its suppression of agouti.** Proc. Natl. Acad.Sci.,95,12,1277-12712,1998
- DISTL, O.; MÜLLER, S.; MOLLER, M.; WANKE, R.; HERMANN, W.; ANDERSSON, L.: **Inheritance of melanocytic lesions and their association with the white colour phenotype in Miniature swine.** Proceedings of the 6th world congress on genetics applied to livestock production, Australia,26,445-448,1998
- DIXKENS, C.; HAMEISTER, H.: **Refinement of genetic mapping of the coat colour mutant belted, bt, on distal mouse Chromosome 15.** Mouse Genome,95(4),886-888,1997
- DUFFIELD, D.A.; GOLDIE, P.L.: **Tobiano spotting pattern in horses: linkage of To with AI^A and linkage disequilibrium.** Journal of Heredity,89(1),104-106,1998

- DUHL, D.M.J.; VRIELING, H.; MILLER, K.A.; WOLFF, G.L.; BARSH, G.S.: **Neomorphic agouti mutations in obese yellow mice.** Nature Genetics,8,59-65,1994
- DUTTLINGER, R.; MANOVA,K.; CHU, T.Y.; GYSSLER, C.; ZELENETZ, A.D.; BACHVAROVA, R.F.; BESMER, P.: ***W-sash* affects positive and negative elements controlling c-kit expression: ectopic c-kit expression at sites of kit-ligand expression affects melanogenesis.** Development,118,705-717,1993
- DUTTLINGER, R.; MANOVA, K.; BERROZPE, G.; CHU, T.Y.; DE LEON, V.; TIMOKHINA, I.; CHAGANTI, R.S.K.; ZELENETZ, A.D.; BACHVAROVA, R.F.; BESMER, P.: **The *W^{sh}* and *Ph* mutations affect the c-kit expression profile: c-kit misexpression in embryogenesis impairs melanogenesis in *W^{sh}* and *Ph* mutant mice.** Proc. Natl. Acad. Sci. USA,92,3754-3758,1995
- DÝRMUNDSSON, Ó.R.; ADALSTEINSSON, S.: **Coat-color gene suppresses sexual activity in Icelandic sheep.** The Journal of Heredity,71,363-364,1980
- EBOZOJE, M.O.; IKEOBI, C.O.N.: **Colour variation and reproduction in the West African Dwarf (WAD) goats.** Small Ruminant Research,27,125-130,1998
- ESTES, B.W.: **Lack of correlation between coat colour and temperament.** The Journal of Heredity,39,3,84,1948
- EVERTS, R.E.; ROTHUIZEN, J.; VAN OOST, B.A.: **Identification of a premature stop codon in the melanocyte stimulating hormone receptor gene (MC1R) in Labrador and Golden retrievers with yellow coat colour.** Animal Genetics,31,194-199,2000
- FALCONER, D.S.: **Genetics of „snowy-belly“ in the house-mouse.** The Journal of Heredity,38(7),215-219,1947
- FAMULA, T.R.; OBERBAUER, A.M.; SOUSA, C.A.: **A threshold model analysis of deafness in Dalmatians.** Mammalian Genome,7,650-653,1996
- FELDMANN, H.W.: **The brown variation and growth of the house mouse.** The American Naturalist,69,370-374,1935
- FIEDLER, J.H.: **The taupe mouse.** The Journal of Heredity,43,75-76,1952
- FILISTOWICZ, A.; WIERZBICKI, H.; PRZYSIECKI, P.: **Preliminary studies on the inheritance of white coat colour in Arctic foxes (*Alopex lagopus* L.).** Journal of applied genetics,38,57-64,1997
- FLEET, M.R.; MORTIMER, S.I.; GALLAGHER, J.R.: **Culling visible fibre pigmentation in merino hogget sheep: Effects on production and other pigmentation traits.** Proc. Assoc. Advmt. Anim. Breed. Genet.,12,172-175,1997a
- FLEET, M.R.; MATTISKE, G.W.; PARSONS, Y.M.; COOPER, D.W.; SMITH, D.H.: **Inheritance of white coat, with or without pigmented leg fibres, and recessive black in a family of merinos.** Proc. Assoc. Advmt. Anim. Breed. Genet.,12,369-372,1997b

- FLEET, M.; LUSH, B.: **Sire effects on visible pigmentation in a corriedale flock.** Wool Tech. Sheep Breed.,45(3),167-173,1997c
- FLEISCHMANN, R.A.; SALTMANN, D.L.; STASTNY, V.; ZNEIMER, S.: **Deletion of the c-kit protooncogene in the human developmental defect piebald trait.** Proc.Natl.Acad.Sci.USA,88,10885-10889,1991
- FLEISCHMAN, R.A.: **From white spots to stem cells: the role of the Kit receptor in mammalian development.** Trends in Genetics,9(8),285-290,1993
- FLEURY, C.; NEVENOVA, M.; COLLINS, S.; CHAMPIGNY, O.; LEVI-MEYRUEIS, C.; BOULLIAUD, F.; SELDIN, M.F.; SURWIT, R.S.; RICQUIER, D.; WARDEN, C.H.: **Uncoupling protein-2: a novel gene linked to obesity and hyperinsulinemia.** Nature Genetics,15(3),269-272,1997
- FOOTE, C.L.: **A mutation in the golden hamster.** The Journal of Heredity,40(4),101-102,1949
- FORBIS, J.: **Das klassische arabische Pferd.** Verlag Paul Parey, 1980
- Fox, H.M.; VEVERS, G.: **The nature of animal colours.** Sidgwick & Jackson, London,1960
- FRÄNDBERG, P.A.; DOUFEXIS, M.; KAPAS, S.; CHHAJLANI, V.: **Human pigmentation phenotype: a point mutation generates non functional MSH receptor.** Biochemical and Biophysical Research Communications,245,490-492,1998
- FUTAKI, S.; TAKAGISHI, Y.; HAYASHI, Y.; OHMORI, S.; KANOU, Y.; INOUYE, M.; ODA, S.; SEO, H.; IWAIKAWA, Y.; MURATA, Y.: **Identification of a novel myosin-Va mutation in an ataxic mutant rat, dilute-opisthotonus.** Mammalian Genome,11,649-655,2000
- GAHLOT, G.C.; CHAHAR, A.; BHARAT, N.K.; PANT, K.P.: **Survey on some phenotypic traits of Marwari goats under field condition.** Indian Journal of Animal Sciences,65(8),930-931,1995
- GAIDDON, J.; LALLEMENT, P.E.; PEIFFER, R.L.: **Positive correlation between coat color and electroretinographically diagnosed progressive retinal atrophy in miniature poodles in southern France.** Veterinary and Comparative Ophthalmology,5(2),74-77,1995
- GARIEPY, C.E.; CASS, D.T.; YANAGISAWA, M.: **Null mutation of endothelin receptor type B gene in spotting lethal rats causes aganglionic megacolon and white coat color.** Proc. Natl. Acad. Sci. USA,93,867-872,1996
- GARIEPY, C.E.; WILLIAMS S.C.; RICHARDSON, J.A.; HAMMER, R.E.; YANAGISAWA, M.: **Transgenic expression of the endothelin-B receptor prevents congenital aganglionosis in a rat model of Hirschsprung Disease.** Journal of Clinical Investigation,102,1092-1101,1998
- GEISSLER, E.N.; RYAN, M.A.; HOUSMAN, D.E.: **The dominant white spotting (W) locus of the mouse encodes the c-kit proto-oncogen.** Cell,55,185-192,1988

- GIEBEL, L.B.; SPRITZ, R.A.: **Mutation of the KIT (mast/stem cell growth factor receptor) protooncogene in human piebaldism.** Proc. Natl. Acad. Sci. USA,88,8696-8699,1991
- GIUFFRA, E.; EVANS, G.; TÖRNSTEN, A.; WALES, R.; DAY, A.; LOOFT, H.; PLASTOW, G.; ANDERSSON, L.: **The Belt mutation in pigs is an allele at the Dominant white (*I/KIT*) locus.** Mammalian Genome,10,1132-1136,1999
- GOLDSBOROUGH, A.S.; HEALY, L.E.; COPELAND, N.G.; GILBERT, D.J.; JENKINS, N.A.; WILLISON, K.R.; ASHWORTH, A.: **Cloning, chromosomal localization and expression pattern of the POU domain gene Oct11.** Nucleic Acid Research,21(1),127-134,1993
- GRAHAM, M.; SHUTTER, J.R.; SARMIENTO, U.; SAROSI, I.; STARK, K.L.: **Overexpression of *Agtr1* leads to obesity in transgenic mice.** nature genetics,17,273-274,1997
- GREEN, C.V.: **Further evidence of linkage in size inheritance.** The American Naturalist,67,377-380,1933
- GREEN, C.V.: **Apparent changes with age in crossing-over between colour and size genes in mice.** Journal of Genetics,30,101-106,1935a
- GREEN, C.V.: **The association between color and size in mice.** The American Naturalist,69,635-638,1935b
- GREEN, M.C.: **Himalayan, a new allele of albino in the mouse.** The Journal of Heredity,52,73-75,1961
- GREIBROKK, T.: **Hereditary deafness in the Dalmatian: relationship to eye and coat color.** Journal of the American Animal Hospital Association,30,170-176,1994
- GROSZ, M.D.; MACNEIL, M.D.: **The „spotted“ locus maps to bovine chromosome 6 in a Hereford-cross population.** The Journal of Heredity,90(1),233-236,1999
- GRÜNEBERG, H.: **The genetics of the mouse.** The Hague, Martinus Nijhoff,1952
- GUNN, T.M.; MILLER, K.A.; HE, L.; HYMAN, R.W.; DAVIS, R.W.; AZARANI, A.; SCHLOSSMAN, S.F.; DUKE-COHAN, J.S.; BARSH, G.S.: **The mouse *mahogany* locus encodes a transmembrane form of human attractin.** Nature,398,11,152-156,1999
- HANSET, R.: **Gene identification in pigs.** World-Animal-Science,109-110,1991
- HARDGE, T.: **Untersuchungen zu den genetischen Ursachen von quantitativen Leistungsmerkmalen mittels Kandidatengenanalyse beim Schwein.** Habilitationsschrift, Institut für Nutztierwissenschaften, Fachgebiet Züchtungsbiologie und molekulare Tierzüchtung, Landwirtschaftlich-Gärtnerische Fakultät, Humboldt-Universität zu Berlin, 1999
- HAYSEN, V.: **Effects of the non-agouti coat color allele on behavior of deer mice (*Peromyscus maniculatus*): A comparison with norway rats (*Rattus norvegicus*).** Journal of Comparative Psychology,111,4,419-423,1997

- HETZER, H.O.: **Inheritance of coat color in swine: I. General survey of major color variations in swine.-VII.** The Journal of Heredity,36(4),121-128,1945a
- HETZER, H.O.: **Inheritance of coat color in swine: II. Results of Landrace by Poland China Crosses.** The Journal of Heredity,36(6),187-192,1945b
- HETZER, H.O.: **Inheritance of coat color in swine: III. Results of Landrace by Berkshire Crosses.** The Journal of Heredity,36(8),255-256,1945c
- HETZER, H.O.: **Inheritance of coat color in swine: IV. Analysis of Hybrids of Landrace and Large Black.** The Journal of Heredity,36(10),309-312,1945d
- HETZER, H.O.: **Inheritance of coat color in swine: V. Results of Landrace by Duroc-Jersey Crosses.** The Journal of Heredity,37(7),217-224,1946
- HETZER, H.O.: **Inheritance of coat color in swine: VI. Results of Yorkshire by Duroc-Jersey Crosses.** The Journal of Heredity,38(4),121-124,1947
- HETZER, H.O.: **Inheritance of coat color in swine: VII. Results of Landrace by Hampshire Crosses.** The Journal of Heredity,39(4),123-128,1948
- HETZER, H.O.: **Effectiveness of selection for extension of black-spotting.** The Journal of Heredity,45,215-222,1954
- HIROBE,T.; WAKAMATSU, K.; ITO, S.: **Effects of genic substitution at the agouti, brown, albino, dilute and pink-eyed dilution loci on the proliferation and differentiation of mouse epidermal melanocytes in serum-free culture.** European Journal of Cell Biology,75,184-191,1998
- HOUGH, R.B.; LENGELING, A.; BEDIAN, V.; LO, C.; BUCAN, M.: **Rump white inversion in the mouse disrupts dipeptidyl aminopeptidase-like protein 6 and causes dysregulation of Kit expression.** Proc. Natl. Acad. Sci. USA,95,13800-13805,1998
- HUANG, E.; NOCKA, K.; BEIER, D.R.; CHU, T.; BUCK, J.; LAHM, H.; WELLNER, D.; LEDER, P.; BESMER, P.: **The hematopoietic growth factor KL is encoded by the S/I locus and is the ligand of the c-kit receptor, the gene product of the W locus.** Cell,Vol.63,225-233,1990
- HUANG, J.D.; COPE, M.J.T.V.; MERMALL, V.; STROBEL, M.C.; KENDRICK-JONES, J.; RUSSELL, L.B.; MOOSEKER, M.S.; COPELAND, N.G.; JENKINS, N.A.: **Molecular genetic dissection of mouse unconventional Myosin -VA: head region mutations.** Genetics,148,1951-1961,1998a
- HUANG, J.D.; MERMALL, V.; STROBEL, M.C.; RUSSELL, L.B.; MOOSEKER, M.S.; COPELAND, N.G.; JENKINS, N.A.: **Molecular genetic dissection of mouse unconventional Myosin -VA: tail region mutations.** Genetics,148,1963-1972,1998b
- HUSTAD, C.M.; PERRY, L.M.; SIRACUSA, L.D.; RASBERRY, C.; COBB, L.; CATTANACH, B.M.; KOVATCH, R.; COPELAND, N.G.; JENKINS, N.A.: **Molecular genetic characterization of six recessive viable alleles of the mouse agouti locus.** Genetics,140,255-265,1995

- ICHII-JONES, F.; LEAR, J.T.; HEAGERTY, A.H.M.; SMITH, A.G.; HUTCHINSON, P.E.; OSBORNE, J.; BOWERS, B.; JONES, P.W.; DAVIES, E.; OLLIER, W.E.R.; THOMSON, W.; YENGI, L.; BATH, J.; FRYER, A.A.; STRANGE, R.C.: **Susceptibility to melanoma: influence of skin type and polymorphism in the Melanocyte Stimulating Hormone Receptor gene.** The Journal of Investigative Dermatology,111,2,218-221,1998
- ICHII-JONES, F.; RAMACHANDRAN, S.; LEAR, J.; SMITH, A.; BOWERS, B.; OLLIER, W.E.R.; JONES, P.; FRYER, A.A.; STRANGE, R.C.: **The melanocyte stimulating hormone receptor polymorphism: association of the V92M and A294H alleles with basal cell carcinoma.** Clinica Chimica Acta,282,125-134,1999
- INOUE, K.; TANAKA, S.; KASHIWAZAKI, N.; NAKAO, H.; NAKATSUJI, N.; SAKAKI, N.; TOJO, H.; TACHI, C.: **Quantitative analysis of striped coat color patterns in Large White/ Duroc chimeric pigs with special reference to the genetic control mechanisms of the dominant black-eyed white phenotype.** Pigment Cell Research,9,289-297,1996
- INTRONE, W.; BOISSY, R.E.; GAHL, W.A.: **Clinical, molecular and cell biological aspects of Chediak-Higashi Syndrome.** Molecular Genetics and Metabolism,68,283-303,1999
- JACKSON, I.J.: **Mouse coat colour mutations: a molecular genetic resource which spans the centuries.** BioEssays,13,439-446,1991
- JACKSON, I.J.: **Molecular and developmental genetics of mouse coat color.** Annual review of genetics,28,189-218,1994
- JACKSON, I.J.: **Homologous pigmentation mutations in human, mouse and other model organisms.** Human Molecular Genetics,6,1613-1624,1997
- JOERG, H.; FRIES, H.R.; MEIJERINK, E.; STRANZINGER, G.F.: **Red coat color in Holstein cattle is associated with a deletion in the MSHR gene.** Mammalian Genome,7,317-318,1996
- JOHANSSON,M.; ELLEGREN, H.; MARKLUND, L.; GUSTAVSSON, U.; RINGMAR-CEDERBERG, E.; ANDERSSON, K.; EDFORS-LILJA, I.; ANDERSSON, L.: **The gene for dominant white color in the pig is closely linked to ALB and PDGFRA on Chromosome 8.** Genomics,14,965-969,1992
- JOHANSSON,M.; ELLEGREN, H.; MARKLUND, L.; COPPIETERS, W.; ANDERSSON, L.: **Linkage maps of porcine chromosomes 3, 6, and 9 based on 31 polymorphic markers.** Mammalian Genome,5,785-790,1994
- KEELER, C.E.: **Coat color, physique, and temperament.** The Journal of Heredity,38(9),271-277,1947
- KELTON, D.E.: **Myelin degeneration in the central nervous system of dilute- lethal mice.** Rec. Genet. Soc. Amer.,30,85,1961b
- KIJAS, J.M.H.; TORNSTEN, A.; CHOWDHARY, B.; ANDERSSON, L.: **Porcine Agouti gene map position SSC 17q21.** Chromosome Research,6,243,1998a

- KIJAS, J.M.H.; WALES, R.; TÖRNSTEIN, A.; CHARDON, P.; MOLLER, M.; ANDERSSON, L.: **Melanocortin receptor 1 (MC1R) mutations and coat color in pigs.** Genetics,150,1177-1185,1998b
- KING, R.; WEILBAECHER, K.N.; MCGILL, G.; COOLEY, E.; MIHM, M.; FISHER, D.E.: **Microphthalmia transcription factor. A sensitive and specific melanocyte marker for melanoma diagnosis.** American Journal of Pathology,155,3,731-738,1999
- KINGSMORE, S.F.; BARBOSA, M.D.S.F.; NGUYEN, Q.A.; ASHLEY, J.A.; BLAYDES, S.M.; TCHERNEV, V.T.; DETTER, J.C.; LOVETT, M.: **Physical mapping of the beige critical region on mouse chromosom 13.** Mammalian Genome,7,773-775,1996
- KLÜPPEL, M.; NAGLE, D.L.; BUCAN, M.; BERNSTEIN, A.: **Long-range genomic rearrangements upstream of Kit dysregulate the developmental pattern of Kit expression in *W⁵⁷* and *W^{banded}* mice and interfere with distinct steps in melanocyte development.** Development,124,65-77,1997
- KLUNGLAND, H.; VAGE, D.I.; GOMEZ-RAYA, L.; ADALSTEINSSON, S.; LIEN, S.: **The role of melanocyte stimulating hormone (MSH) receptor in bovine coat color determination.** Mammalian Genome,6,636-639,1995
- KNYAZEV, S.P.; GUTOROVA, N.V.; NIKITIN, S.V.; STAROVEROVA, O.I.; DUBROVSKAYA, R.M.: **The relationship between horse gray coat color and prenatal vitality of Orlov trotters.** 50th Annual Meeting of the European Association for Animal Production,Zurich,Switzerland,H2.10,1999
- KOBAYASHI, T.; IMOKAWA, G.; BENNETT, D.C.; HEARING, V.J.: **Tyrosinase stabilization by Tyrp1 (the brown locus protein).** The Journal of Biological Chemistry,273,48,31801-31805,1998
- KOIDE, T.; MORIWAKI, K.; UCHIDA, K.; MITA, A.; SAGAI, T.; YONEKAWA, H.; KATOH, H.; MIYASHITA, N.; TSUCHIYA, K.; NIELSEN, T.J.; SHIROISHI, T.: **A new inbred strain JF1 established from Japanese fancy mouse carrying the classic piebald allele.** Mammalian Genome,9,15-19,1998
- KOPPULA, S.V.; ROBBINS, L.S.; LU, D.; BAACK, E.; WHITE, C.R.; SWANSON, N.A.; CONE, R.D.: **Identification of common polymorphisms in the coding sequence of the human MSH receptor (MC1R) with possible biological effects.** Human Mutation,9,30-36,1997
- KOßWIG, C.; OSSENT, H.P.: **Die Vererbung der Haarfarbe beim Schwein.** Zeitschrift für Tierzüchtung und Züchtungsbiologie,22,3,297-383,1931
- KRÄUSSLICH, H.: **Farbe und Abzeichen.** Tierzüchtungslehre,4. Aufl.,139-146,1994
- KRÄUSSLICH, H.: **Zur Genetik der Grundfarben beim Pferd.** Züchtungskunde,68(1),1-11,1996

- KRUDE, H.; BIEBERMANN, H.; LUCK, W.; HORN, R.; BRABANT, G.; GRÜTERS, A.: **Severe early-onset obesity, adrenal insufficiency and red hair pigmentation caused by POMC mutations in humans.** nature genetics,19,155-157,1998
- KUNIEDA, T.; NAKAGIRI, M.; TAKAMI, M.; IDE, H.; OGAWA, H.: **Cloning of bovine LYST gene and identification of a missense mutation associated with Chediak-Higashi syndrome of cattle.** Mammalian Genome,10,1146-1149,1999
- KURIHARA, H.; KURIHARA, Y.; NAGAI, R.; YAZAKI, Y.: **Endothelin and neural crest development.** Cellular and Molecular Biology,45(5),639-651,1999
- KWON, H.Y.; BULTMANN, S.J.; LÖFFLER, C.; CHEN, W.J.; FURDON, P.J.; POWELL, J.G.; USALA, A.L.; WILKINSON, W.; HANSMANN, I.; WOYCHIK, R.P.: **Molecular structure and chromosomal mapping of the human homolog of the agouti gene.** Proc. Natl. Acad. Sci. USA,91,9760-9764,1994
- LAMBERT, J.; ONDERWATER, J.; HAEGHEN, Y.V.; VANCOILLIE, G.; KOERTEN, H.K.; MOMMAAS, M.; NAEYAERT, J.M.: **Myosin V colocalizes with melanosomes and subcortical actin bundles not associated with stress fibers in human epidermal melanocytes.** The Journal of Investigative Dermatology,111,5,835-840,1998
- LAUKNER, A.: **Die Fellfarbe beim Hund. Teil 1: Grundlagen der Farbgenese.** Tierärztl. Prax.,26(K),49-54,1998a
- LAUKNER, A.: **Die Fellfarbe beim Hund. Teil 2: Klinische Bedeutung.** Tierärztl. Prax.,26(K),124-128,1998b
- LAUPRECHT, E.: **Über Dreifarbigkeit bei Rindern.** Züchtungskunde,3,557-563,1928
- LAUVERGNE, J.J.: **Genetik der Färbung von Hausrindern.** 1965
- LAUVERGNE, J.J.; DENIS, B.; THÉRET, M.: **Hybridisation zwischen einem korsischen Mufflon (Ovis ammon musimon Schreber, 1872) und Mutterschafen verschiedener Genotypen: Störungen in der Pigmentenfärbung.** Ann. Génét. Sél. Anim., 9,151-161,1977a
- LAUVERGNE, J.J.: **Die Schwarzstreifen bei der Rinderrasse Limousine.** Ann. Génét. Sél. Anim., 9(I),449-451,1977b
- LAUVERGNE, J.J.: **Untersuchung über eine mögliche Genbestimmung der Haarfarbe bei der Braunvieh-Rinderrasse Brune des Alpes.** Ann. Génét. Sél. Anim.,13(4),339-352,1981
- LAUVERGNE, J.J.; MALYNICZ, G.L.; QUARTERMAIN, A.R.: **Coat colour variants of village pigs in Papua New Guinea.** Ann. Génét. Sél. Anim.,14(1),29-42,1982
- LAUVERGNE, J.J.: **Die Anwendung des interspez. Homologie-Prinzips beim Studium des Erbdeterminismus der Farbe des Haarkleides von Hauswiederkäuern: Das Beispiel des Genortes Agouti.** Bulletin de la Société Zoologique de France,108(2),231-241,1983

- LEEB, T.; DEPPE, A.; KRIEGESMANN, B.; BRENIG, B.: **Genomic structure and nucleotide polymorphisms of the porcine agouti signalling protein gene (ASIP)**. Animal Genetics,31,335-336,2000
- LEGAULT, C.: **Genetics of colour variation.** The genetics of the pig, CAB INTERNATIONAL, Wallingford, UK,1998
- LEUCHT, W.; GREGOR, G.; STIER, H.: **Einführung in die Versuchstierkunde IV, Das Miniaturschwein.** VEB Gustav Fischer Verlag,1982
- LEV, S.; BLECHMANN, J.M.; GIVOL, D.; YARDEB, Y.: **Steel-factor and c-kit protooncogene: genetic lessons in signal transduction.** Critical Reviews in Oncogenesis,5(2&3),141-168,1994
- LIETO, L.D.; COTHRAN, E.G.; SPONENBERG, D.P.: **Molecular characterization and genetic analysis of black coat color in the horse.** D039, International Conference on Animal Genetics, Auckland, NZ,1998
- LONGLEY, B.J.; TYRRELL, L.; LU, S.Z.; MA, Y.S.; Langley, K.; DING, T.; DUFFY, T.; JACOBS, P.; TANG, L.H.; MODLIN, I.: **Somatic c-KIT activating mutation in urticaria pigmentosa and aggressive mastocytosis: establishment of clonality in a human mast cell neoplasm.** nature genetics,12,312-314,1996
- LU,D.; WILLARD,D.; PATEL,I.R.; KADWELL,S.; OVERTON,L.; KOST, T.; LUTHER,M.; CHEN,W.; WOYCHIK,R.P.;WILKISON,W.O.; CONE,R.D.: **Agouti protein is an antagonist of the melanocyte-stimulating-hormone receptor.** Nature,371,799-802,1994
- LU, D.; VAGE, D.I.; CONE, R.D.: **A ligand-mimetic model for the constitutive activation of the melanocortin-1 receptor.** Molecular Endocrinology,12(4),592-604,1998
- LYON, M.F.: **A further mutation of the mottled type.** Journ. Of Heredity,51,116-121,1960
- MAHALINGAM, H.; WATANABE, A.; TACHIBANA, M.; NILES, R.M.: **Characterization of density-dependent regulation of the tyrosinase gene promoter: role of protein kinase C.** Experimental Cell Research,237,83-92,1997
- MARIANI, P.; MOLLER, M.J.; HØYHEIM, B.; MARKLUND, L.; DAVIES, W.; ELLEGREN, H.; ANDERSSON, L.: **The extension coat color locus and the loci for blood group O and tyrosine aminotransferase are on pig chromosom 6.** Journal of Heredity,87,272-276,1996
- MARKLUND, L.; MOLLER, M.J.; SANDBERG, K.; ANDERSSON, L.: **A missense mutation in the gene for melanocyte stimulating hormone receptor (MC1R) is associated with the chestnut coat color in horses.** Mammalian Genome,7,895-899,1996
- MARKLUND, S.; KIJAS, MOLLER, M.; EDFORS-LILJA, I.; ANDERSSON, L.: **Molecular evolution of the dominant white phenotype in the domestic pig.** Doctoral thesis, Swedish University of Agricultural Sciences, Uppsala,Agraria 79,IV,1997a

- MARKLUND, S.; MOLLER, M.; SANDBERG, K.; ANDERSSON, L.: **Close association between sequence polymorphism in the *KIT* gene and the roan coat colour in horses.** Doctoral thesis, Swedish University of Agricultural Sciences, Uppsala,Agraria 79,V,1997b
- MARKLUND, S.: **Applied molecular genetics in domestic animals with particular focus on the horse.** Doctoral thesis, Swedish University of Agricultural Sciences, Uppsala,Agraria 79,1997c
- MARKLUND, S.; KIJAS, J.; RODRIGUEZ-MARTINEZ, H.; RÖNNSTRAND, L.; FUNA, K.; MOLLER, M.; LANGE, D.; EDFORS-LILJA, I.; ANDERSSON, L.: **Molecular basis for the dominant white phenotype in the domestic pig.** Genome Research,8,826-833,1998
- MARKS, P.W.; BANDURA, J.L.; SHIEH, D.B.; FOERNZLER, D.; BEIER, D.R.; KWIATKOWSKI, D.J.: **The spontaneous coat color mutant white nose (*wn*) maps to murine Chromosome 15.** Mammalian Genome,10,750-752,1999
- MARLER, P.; HAMILTON III, W.J.: **Tierisches Verhalten.** Akademie Verlag Berlin,1972
- MARTÍNEZ-ESPARZA, M.; JIMÉNEZ-CERVANTES, C.; BENNETT, D.C.; LOZANO, J.A.; SOLANO, F.; GARCÍA-BORRÓN, J.C.: **The mouse *silver* locus encodes a single transcript truncated by the *silver* mutation.** Mammalian Genome,10,1168-1171,1999
- MASON, C.W.: **Blue eyes.** Journal of Physiological Chemistry,28,498-501,1924
- MAYER, T.C.; MALTBY, E.L.: **An experimental investigation of pattern development in lethal spotting and belted mouse embryos.** Developmental Biology,9,269-286,1964
- McKUSICK, V.A.; WRIGHT, M.J.; HAMOSH, A.; TILLER, G.E.: **Waardenburg Syndrome Type 1.** OMIM, John Hopkins University, <http://www3.ncbi.nlm.nih.gov/htbin-post/Omim/dispmim?193500>, 1986-2000
- METALLINOS, D.L.; BOWLING, A.T.; RINE, J.: **A missense mutation in the endothelin-B receptor gene is associated with Lethal White Foal Syndrome: an equine version of Hirschsprung Disease.** Mammalian Genome,9,426-431,1998
- MILLER, M.W.; DUHL, D.M.J.; WINKES, B.M.; ARREDONDO-VEGA, F.; SAXON, P.J.; WOLFF, G.L.; EPSTEIN, C.J.; HERSHFIELD, M.S.; BARSH, G.S.: **The mouse *lethal nonagouti (a^x)* mutation deletes the *S-adenosylhomocysteine hydrolase (Ahcy)* gene.** The EMBO Journal,13(8),1806-1816,1994
- MILLER, K.A.; GUNN, T.M.; CARRASQUILLO, M.M.; LAMOREUX, M.L.; GALBRAITH, D.B.; BARSH, G.S.: **Genetic studies of the mouse mutations *mahogany* and *mahoganoid*.** Genetics,146,1407-1415,1997
- MILTENBERGER, R.J.; MYNATT, R.L.; WILKINSON, J.E.; WOYCHIK, R.P.: **The role of the agouti gene in the Yellow Obese Syndrome.** American Society for Nutritional Science,1902-1907S,1997
- MINTZ, B.: **Gene control of mammalian pigmentary differentiation.** Proc. Nat. Acad. Science,58,344-351,1967

- MOAZAME-GOUDARZI, K.: **Determinisme genetique de quelque caracteres de la coloration de la robe du porc domestique.** memoire de maitrise,1988
- MOLLER, M.: **Comparative genome analysis in the pig.** Diss.,Swedish University of Agricultural Science, Uppsala,1995
- MOLLER, M.J.; CHAUDARY, R.; HELLMÉN, E.; HÖYHEIM, B.; CHOWDHARY, B.; ANDERSSON, L.: **Pigs with the dominant white coat color phenotype carry a duplication of the KIT gene encoding the mast/ stem cell growth factor receptor.** Mammalian Genome,7,822-830,1996
- MONCRIEFF, E.; JOSEPH, S.; JOSEPH, I.: **Developement in pig breeding , Farm animal portraits.** Antique Collectors Club Ltd.,229-251,1996
- MORI, M.; NISHIKAWA, T.; HIGUCHI, K.; NISHIMURA, M.: **Deletion in the beige gene of the beige rat owing to recombination between LINE1s.** Mammalian Genome,10,692-695,1999
- MOSE: **Jakob kommt zu seinem verdienten Lohn.** 1 Mose/ Genesis,30,25-43,000?
- MOUSSA, N.M.: **La protéine Agouti et son rôle dans les syndromes d'obésité.** médecine/sciences,14,898-906,1998
- MOUSSA, N.M.; CLAYCOMBE, K.J.: **The yellow mouse obesity syndrome and mechanisms of agouti-induced obesity.** Obesity research,7(5),506-514,1999
- MOYER, F.: **Some effects of pigment mutations on the fine structure of mouse melanin granules.** The Anatomical Records,138,372,1960
- MOYER, F.: **Electron microscope observations on the origin, development and genetic control of melanin granules in the mouse eye.** The structure of the eye, ed. G.K. Smelser,Academic Press New York,469-486,1961
- MOYER, F.H.: **Genetic effects on melanosome fine structure and ontogeny in normal and malignant cells.** Annals New York Academy of Sciences,100,584-606,1963
- MOYER, F.: **Genetic variations in the fine structure and ontogeny of mouse melanin granules.** Am. Zoologist,6,43-66,1966
- MÜLLER, S.; WANKE, R.; DISTL, O.: **Segregation von Pigmentzellanomalien beim Münchener Miniaturschwein (MMS) Troll in Kreuzungen mit der deutschen Landrasse.** Dtsch. Tierärztl. Wochenschr.,102,379-418,1995
- MYNATT, R.L.; MILTENBERGER, R.J.; KLEBIG, M.L.; ZEMEL, M.B.; WILKINSON, J.E.; WILKISON, W.O.; WOYCHIK, R.P.: **Combined effects of insulin treatment and adipose tissue-specific agouti expression on the development of obesity.** Proc. Natl. Acad. Sci. USA,94,919-922,1997
- NAGGERT, J.; HARRIS, T.; NORTH, M.: **The genetics of obesity.** Current Opinion in Genetics & Development, 7: 398-404, 1997

- NAGLE, D.L.; MARTIN-DELEON, P.; HOUGH, R.B.; BUCAN, M.: **Structural analysis of chromosomal rearrangements associated with the developmental mutations *Ph*, *W^{19H}* and *Rw* on mouse chromosome 5.** Proc. Natl. Acad. Sci. USA, 91, 7237-7241, 1994
- NEWTON, J.M.; WILKIE, A.L.; HE, L.; JORDAN, S.A.; METALLINOS, D.L.; HOLMES, N.G.; JACKSON, I.J.; BARSH, G.S.: **Melanocortin 1 receptor variation in the domestic dog.** Mammalian Genome, 11, 24-30, 2000
- NICHOLAS, F.W.: **Single genes in animal breeding, coat colour.** Veterinary Genetics, Oxford University Press, New York, 345-352, 1987
- NIKITIN, S.V.; VOROZHEIKIN, A.S.: **Specific features of inheritance of gray spots in pigs.** Russian Journal of Genetics, 30(5), 601-605, 1994
- NIKITIN, S.V.; LOBKOV, Y.I.: **A lethal allele of the spotted gene (grey spotting) in pigs.** Genetika, 32(8), 1119-1124, 1996
- NOCKA, K.; TAN, J.C., CHIU, E.; CHU, T.Y.; RAY, P.; TRAKTMANN, P.; BESMER, P.: **Molecular bases of dominant negative and loss of function mutations at the murine c-kit/white spotting locus: *W³⁷*, *W^v*, *W⁴¹* and *W*.** The EMBO Journal, 9(6), 1805-1813, 1990
- OETTING, W.S.; KING, R.A.: **Molecular basis of albinism: mutations and polymorphisms of pigmentation genes associated with albinism.** Hum. Mutat., 13(2), 99-115, 1999
- OHNO, K.; KANOU, Y.; ODA, S.; WAKASUGI, N.; INOUYE, M.; YAMAMURA, H.: **Mapping of the dilute-opisthotonus (dop) gene on Chromosome 8 of the rat.** Exp. Anim., 45(1), 71-75, 1996
- OLLIVIER, L.; SELLIER, P.: **Pig genetics: a review.** Ann. Genet. Sel. Anim., 14, 481-544, 1982
- OLLMANN, M.M.; WILSON, B.D.; YANG, Y.K.; KERNS, J.A.; CHEN, Y.; GANTZ, I.; BARSH, G.S.: **Antagonism of central melanocortin receptors in vitro and in vivo by agouti related protein.** Science, 278, 135-138, 1997
- OLLMANN, M.M.; LAMOREUX, M.L.; WILSON, B.D.; BARSH, G.S.: **Interaction of agouti protein with the melanocortin 1 receptor in vitro and in vivo.** Genes & Development, 12, 316-330, 1998
- ONO, H.; KAWA, Y.; ASANO, M.; ITO, M.; TAKANO, A.; KUBOT, Y.; MATUMOTO, J.; MIZOGUCHI, M.: **Development of melanocyte progenitors in murine *Steel* mutant neural crest explants cultured with Stem cell factor, Endothelin-3 or TPA.** Pigment Cell Res., 11, 291-298, 1998
- ORLOW, S.J.; BRILLIANT, M.H.: **The *Pink-eyed Dilution* locus controls the biogenesis of melanosomes and levels of melanosomal proteins in the eye.** Exp. Eye Research, 68, 147-154, 1999

- ORSINI, M.W.: **The piebald hamster.** The Journal of Heredity,43,37-40,1952
- OZOJE, M.O.: **Coat colour genes in west african dwarf sheep and goats: a theoretical appraisal.** Proceedings of the 6th world congress on genetics applied to livestock production, Armidale, NSW,Australia,26,53-57,1998
- PARSONS, Y.M.; FLEET, M.R.; COOPER, D.W.: **Investigation of the gene responsible for recessive pigmentation in australian merino sheep.** Proc. Assoc. Advmt. Anim. Breed. Genet.,12,447-451,1997
- PASZEK, A.A.; BEATTIE, C.W.; FLICKINGER, G.W.; WILKIE, P.J.; SCHOOK, L.B.: **Genomic scan for quantitative trait loci in swine.** Proceedings of the 6th world congress on genetics applied to livestock production,Armidale,NSW,Australia,26,418-421,1998a
- PASZEK, A.A.; DYAS, P.A.; FINN, S.T.; CHEN, M.; BUTTRAM, S.T.; DIDION, B.A.: **Allelic effects of microsatellites from putative QTL for reproductive traits.** XXVIth International Conference on Animal Genetics,Auckland,NZ,E038,1998b
- PAVAN, W.J.; MAC, S.; CHENG, M.; TILGHMAN, S.M.: **Quantitative trait loci that modify the severity of spotting in piebald mice.** Genome Research,5,29-41,1995
- PEROU, C.M.; MOORE, K.J.; NAGLE, D.L.; MISUMI, D.J.; WOOLF, E.A.; MCGRAIL, S.H.; HOLMGREN, L.; BRODY, T.H.; DUSSAULT, B.J.; MONROE, C.A.; DUYK, G.M.; PRYOR, R.J.; LI, L.; JUSTICE, M.J.; KAPLAN, J.: **Identification of the murine beige gene by YAC complementation and positional cloning.** nature genetics,13,303-308,1996
- PERRY, W.L.; COPELAND, N.G.; JENKINS, N.A.: **The molecular basis for dominant yellow agouti coat color mutations.** BioEssay,16(10),705-707,1994
- PETERSEN, W.E.; GILMORE, L.O.; FITCH, J.B.; WINTERS, L.M.: **Albinism in cattle.** The Journal of Heredity,35(5),135-144,1944
- POPOVA, N.K.; VOITENKO, N.N.; KULIKOV, A.V.; NIKULINA, E.M.; TRAPEZOV, O.V.: **The pleiotropic effects of the one-locus *pp* and the two-loci *aapp* coat colour genes on the metabolism of brain neurotransmitters in mink (*Mustela vison*).** Scientifur,22(3),211-217,1998
- PRICE, E.R.; HORSTMANN, M.A.; WELLS, A.G.; WEILBAECHER, K.N.; TAKEMOTO, C.M.; LANDIS, M.W.; FISHER, D.E.: **α -Melanocyte-stimulating hormone signaling regulates expression of *microphthalmia*, a gene deficient in Waardenburg Syndrome.** The Journal of Biological Chemistry,273,49,33042-33047,1998
- PRUSIS, P.; FRÄNDBERG, P.A.; MUCENIECE, KALVINSH, I.; Wikberg, J.E.S.: **A three dimensional model for the interaction of MSH with the melanocortin-1 receptor.** Biochemical and Biophysical Research Communications,210,205-210,1995
- REINSCH, N.; THOMSEN, H.; XU, N.; LOOFT, C.; KALM, E.; BROCKMANN, G.; GRUPPE, S.; KÜHN, C.; SCHWERIN, M.; LEYHE, B.; HIENDLEDER, S.; ERHARDT, G.; MEDJUGORAC, I.; RUSS, I.; FÖRSTER, M.; BRENIK, B.; BLÜMEL, J.; REENTS, R.; AVERDUNK, G.; DUDA, J.: **Mapping loci for the**

- degree of spotting, colour dilution and circumocular pigmentation in the ADR granddaughter design.** 50th Annual Meeting of the European Association for Animal Production, Zurich, Switzerland,GPH1.8,1999
- REISSENMANN, M.; WAGNER, H.J.; LEUTHOLD, G.: **Genetischer Hintergrund für die Foxfarbe beim Przewalskipferd.** DGFZ Vortragstagung Bonn,B20,1997
- RICORDEAU, G.: **Gene identification in goats.** World-Animal-Science,B,475,1991
- RIEDER, S.; STRICKER, C.; JOERG, H.; DUMMER, R.; STRANZINGER, G.: **A comparative genetic approach for the investigation of ageing grey horse melanoma.** J. Anim. Breed. Genet.,117,73-82,2000
- RINCHIK, E.M.; BELL, J.A.; HUNSICKER, P.R.; FRIEDMANN, J.M.; JACKSON, I.J.; RUSSELL, L.B.: **Molecular genetics of the brown (b)-locus region of mouse chromosome 4.** Genetics,137,845-865,1994
- ROBBINS, L.S.; NADEAU, J.H.; JOHNSON, K.R.; KELLY, M.A.; ROSELLI-REFUSS, L.; BAACK, E.; MOUNTJOY, K.G.; CONE, R.D.: **Pigmentation phenotypes of variant extension locus alleles results from point mutations that alter MSH receptor function.** Cell,72,827-834,1993
- ROBERTS, E.; KRIDER, J.L.: **Inheritance of red eye in swine.** The Journal of Heredity,40(11),306,1949
- ROSEMBLAT, S.; SVIDERSKAYA, E.V.; EASTY, D.J.; WILSON, A.; KWON, B.S.; BENNETT, D.C.; ORLOW, S.J.: **Melanosomal defects in melanocytes from mice lacking expression of the pink-eyed dilution gene: correction by culture in the presence of excess tyrosine.** Experimental Cell Research,239,344-352,1998
- ROTHSCILD, M. AND PLASTOW, G.: **Current Advances in Pig Genomics and Industry Applications.** <http://www.genome.iastate.edu/~max/rev98/r-meat.html>,1998
- SAGAI, T.; KOIDE, T.; ENDO, M.; TANOUYE, K.; KIKKAWA, Y.; YONEKAWA, H.; ISHIGURO, S.; TAMAI, M.; MATSUDA, Y.; WAKANA, S.; SHIROISHI, T.: **rim2 (recombination-induced mutation 2) is a new allele of pearl and a mouse model of human Hermansky-Pudlak Syndrome (HPS): genetic and physical mapping.** Mammalian Genome,9,2-7,1998
- SAJONSKI, H.; SMOLLICH, A.: **Zelle und Gewebe.** S. Hirzel Verlag Leipzig,1990
- SAKAI,C.; OLLMANN,M.; KOBAYASHI, T.; ABDEL-MALEK, Z.; MULLER, J.; VIEIRA, W.D.; IMOKAWA, G.; BARSH, G.S.; HEARING, V.J.: **Modulation of murine melanocyte function in vitro by agouti signal protein.** The EMBO Journal,16(12),3544-3552,1997
- SAKURAI, M.; ZHOU, J.H.; OHTAKI, M.; ITOH, T.; MURAKAMI, Y.; YASUE, H.: **Assignment of c-KIT gene to swine chromosome 8p12-p21 by fluorescence in situ hybridization.** Mammalian Genome ,7,Brief Data,1996
- SAMBRAUS, H.H.: **Atlas der Nutztierrassen.** Eugen Ulmer GmbH & Co,1994

- SAMBROOK, J.; FRITSCH, E.F.; MANIATIS, T.: **In vitro amplification of DNA by the Polymerase Chain Reaction.** Molecular Cloning,Cold Spring Harbor Laboratory Press,14.2-14.25,1989
- SANTSCHI, E.M.; PURDY, A.K.; VALBERG, S.J.; VROTSOS, P.D.; KAESE, H.; MICKELSON, J.R.: **Endothelin receptor B polymorphism associated with lethal white foal syndrome in horses.** Mammalian Genome,9,306-309,1998
- SCHAIBLE, R.H.: **Developmental genetics of spotting patterns in the mouse.** Ph. D. Thesis, Iowa State University, Ames, 1963
- SCHIÖTH, H.B.; PHILLIPS, S.R.; RUDZISH, R.; BIRCH.MACHIN, M.A.; WIKBERG, J.E.S.; REES, J.L.: **Loss of function mutations of the human Melanocortin 1 Receptor are common and are associated with red hair.** Biochemical and Biophysical Research Communications,260,488-491,1999a
- SCHLEGER, A.V.: **Physiological attributes of coat colour in beef cattle.** Australian Journal of Agricultural Research,13,943-959,1962
- SCHMIDT, J.; LAUPRECHT, E.: **Beitrag zur Vererbung der Schweinefarben.** Züchtungskunde,11,1-21,1936
- SCHMIDT, W.J.: **Wie entstehen die Schillerfarben der Federn ?** Die Naturwissenschaften,39,14,313-318,1952
- SCHMUTZ, S.M.; MOKER, S.M.; CLARK, E.G.; SHEWFELT, R.: **Black hair follicular dysplasia, an autosomal recessive condition in dogs.** Canine Veterinary Journal,39,644-646,1998
- Schnorr, B.: **Embryologie der Haustiere.** Ferdinand Enke Verlag, Stuttgart,1989
- SCHÖNMUTH, G.; FLADE, D.; SEELAND, G.: **Tierproduktion, Genetische und phylogenetische Grundlagen.** VEB Deutscher Landwirtschaftsverlag Berlin,1986
- SCHÜLER, L.; BACHNICK, B.: **Die Selektion auf Komponenten der Fruchtbarkeit unter den Bedingungen der Zyklussynchronisation bei der Labormaus. 4. Mitteilung: Pleiotrope Effekte der Fellfarbe auf die Fruchtbarkeit.** Arch. Tierzucht, Berlin,22,3,209-216,1979
- SCOTT, G.; CASSIDY, L.; ABDEL-MALEK, Z.: **α -Melanocyte-Stimulating Hormone and Endothelin-1 have opposing effects on melanocyte adhesion, migration and pp125^{FAK} phosphorylation.** Experimental Cell Research,237,19-28,1997
- SEARLE, A.G.: **Comparative genetics of coat colour in mammals.** Logos Press,1968
- SEITZ, J.J.; SCHMUTZ, S.M.; THUE, T.D.; BUCHANAN, F.C.: **A missense mutation in the bovine MGF gene is associated with the roan phenotype in Belgian Blue and Shorthorn cattle.** Mammalian Genome,10,710-712,1999

- SELLIER, P.; MONIN, G.: **Genetics of pig meat quality: a review.** Journal of muscle foods,5,187-219, 1994
- SIDMAN, R.L.; GREEN, M.C.; APPEL, S.H.: **Catalog of the neurological mutants of the mouse.** Havard University Press, Cambridge, Massachusetts,1965a
- SIDMAN, R.L.; PEARLSTEIN, R.: **Pink-eyed dilution (p) gene in rodents: increased pigmentation in tissue culture.** Developmental Biology,12,93-116,1965b
- SIEBEL, V.: **Materialsammlung zur Farbe Rot.** Die Muse küßt das Dampfroß,1-5,1997
- SILBERNAGL, S.; DESPOPOULUS, A.: **Taschenatlas der Physiologie.** 4. Auflage,Thieme Verlag Stuttgart,1991
- SILVERS, W.K.: **Genes and the pigment cells of mammals.** Science,134,368-373,1961
- SILVERS, W.K.: **The coat colors of mice. A model for mammalian gene action and interaction.** Springer Verlag New York Inc.,1979
- SINGER,M.; BERG, P.: **Gene und Genome.** Spektrum Akademischer Verlag,1992
- SLOAN,F.: **Color and temperament in horses.** The Journal of Heredity,40(1),12,1949
- SMITH, E.A.; SELDIN, M.F.; MARTINEZ, L.; WATSON, M.L.; CHOUDHURY, G.G.; LALLEY, P.A.; PIERCE, J.; AARONSON, S.; BARKER, J.; NAYLOR, S.L.; SAKAGUCHI, A.Y.: **Mouse platelet-derived growth factor receptor α is deleted in W^{19H} and patch mutations on chromosome 5.** Proc. Natl. Acad. Sci. USA,88,4811-4815,1991
- SMITH, R.; HEALY, E.; SIDDIQUI, S.; FLANAGAN, N.; STEIJLEN, P.M.; ROSDAHL, I.; JACQUES, J.P., TURNER, R.; JACKSON, I.J.; BIRCH-MACHIN, M.A.; REES, J.L.: **Melanocortin 1 receptor variants in an irish population.** Journal of Investigative Dermatology,111,119-122,1998
- SPONENBERG, D.P.; BOWLING, A.T.: **Champagne, a dominant color dilution of horses.** Genetics-Selection-Evolution,28,457-462,1996a
- SPONENBERG, D.P.; DOLLING, C.H.S.; LUNDIE, R.S.; RAE, A.L.; RENIERI, C.; LAUVERGNE, J.J.: **Coat colour loci.** Mendelian Inheritance in Sheep 1996,Committee on Genetic Nomenclature of Sheep and Goats,13-57,1996b
- SPONENBERG, D.P.: **Genetics of colour and hair texture.** The genetics of sheep,CAB INTERNATIONAL,51-86,1997a
- SPONENBERG, D.P.; WEISE, M.C.: **Dominant black in horses.** Genet. Sel. Evol.,29,403-408,1997b
- SPONENBERG, D.P.; LAMARSH, C.: **Dominant and recessiv brown in goats.** Genetics-Selection-Evolution,28,117-120,1996c
- STACHURSKA, A.M.: **Inheritance of primitive markings in horses.** J. Anim. Breed. Genet.,116,29-38,1999

- STEPHENSON, D.A.; MERCOLA, M.; ANDERSON, E.; WANG, C.; STILES, C.; BOWEN-POPE, D.; CHAPMAN, V.M.: **Platelet-derived growth factor receptor α -subunit gene (*Pdgfra*) is deleted in the mouse patch (*Ph*) mutation.** Proc. Natl. Acad. Sci. USA,88,6-10,1991
- STRYER, L.: **Biochemie.** Spektrum Akademischer Verlag 1991
- STURM, R.A.: **Human pigmentation genes and their response to solar UV radiation.** Mutation Research,422,69-76,1998a
- STURM, R.A.; BOX, N.F.; RAMSAY, M.: **Human pigmentation genetics: the difference is only skin deep.** BioEssays,20,712-721,1998b
- SUNDQVIST, C.; AMADOR, A.G.; BARTKE, A.: **Reproduction and Fertility in the mink (*Mustela vison*).** Journal of Reproduction and Fertility,85,413-441,1989
- SUZUKI, H.; TAKAHASHI, K.; YASUMOTO, K.; AMAE, S.; YOSHIZAWA, M.; FUSE, N.; SHIBAHARA, S.: **Role of Neurofibromin in modulation of expression of the Tyrosinase-Related Protein 2 gene.** J. Biochem.,124,992-998,1998
- SVIDERSKAYA, E.V.; NOVAK, E.K.; SWANK, R.T.; BENNETT, D.C.: **The murine misty mutation: phenotypic effects on melanocytes, platelets, and brown fat.** Genetics,148,381-390,1998
- SWANK, R.T.; REDDINGTON, M.; NOVAK, E.K.: **Inherited prolonged bleeding time and platelet storage pool deficiency in the subtle gray (*sut*) mouse.** Laboratory Animal Science,46,(1),56-60,1996
- TACHIBANA, M.: **MITF: A stream flowing for pigment cells.** Pigment Cell Research,13,230-240,2000
- TAKEUCHI, T.; TAMATE, H.; SAIJOH, Y.: **A pleiotropic gene which controls coat color and lethality in early development in mouse.** Zoological Science,12,675-681,1995
- TAKEUCHI, S.; SUZUKI, H.; YABUCHI, M.; TAKAHASHI, S.: **A possible involvement of melanocortin 1-receptor in regulating feather color pigmentation in the chicken.** Biochimica et Biophysica Acta,1308,164-168,1996
- TANAKA, H.; MOROI, K.; IWAI, J.; TAKAHASHI, H.; OHNUMA, N.; HORI, S.; TAKIMOTO, M.; NISHIYAMA, M.; MASAKI, T.; YANAGISAWA, M.; SEKIYA, S.; KIMURA, S.: **Novel mutations of the Endothelin B Receptor gene in patients with Hirschsprung's disease and their characterization.** The Journal of Biological Chemistry,273,(18),11378-11383,1998
- THIESCHLER, H.H.: **Farbvariationen bei Kreuzungsprodukten aus Wildschwein x Hausschwein.** Tierärztl. Umschau,40,381,1985
- THIESCHLER, H.H.: **Farbvarianten bei Wildschweinkreuzungen.** Vet. Med. Nachrichten,2,183-188,1986

- THÖRNWALL, M.; DIMITRIOU, A.; Xu, X.; LARSSON, E.; CHHAJLANI, V.: **Immunohistochemical detection of the melanocortin 1 receptor in human testis, ovary and placenta using specific monoclonal antibody.** Hormone Research,48,215-218,1997
- TOMITA, Y.: **Tyrosinase gene mutations causing oculocutaneus albinisms.** The Journal of investigative dermatology,Vol.100,No.2,186s-190s,1993
- TORO, J.; TURNER, M.; GAHL, W.A.: **Dermatologic manifestation of Hermansky-Pudlak Syndrome in patients with and without a 16-base pair duplication in the HPS1 gene.** Arch. Dermatol.,135,774-780,1999
- TRAPEZOV, O.V.: **Black crystal: a novel color mutant in the american mink (*Mustela vison Schreber*).** Journal of Heredity,88(2),164-166,1997a
- TRAPEZOV, O.V.: **A rise of new colour phases in American mink (*Mustela vison Schreber*) in the course of selection for domestic behaviour.** Scientifur,21,41-47,1997b
- TREECE, J.M.; GILMORE, L.O.; FECHHEIMER, N.S.: **Factors affecting spotting in Holstein-Friesian cattle.** The Journal of Heredity,52,250-252,1961
- TRUETT, G.E.; TEMPELMANN, R.J.; WALKER, J.A.; KRAUSE WILSON, J.: **Misty (m) affects growth traits.** Am. J. of Physiology,275(1),R29-R32,1998
- TRUT, L.N.: **Sex ratio in silver foxes: effects of domestication and the star gene.** Theoretical-and-Applied-Genetics,92,109-115,1996
- TRUT, L.N.: **The evolutionary concept of destabilizing selection: status quo.** Journal of Animal Breeding and Genetics,115,415-431,1998
- TSUJIMURA, T.; HIROTA, S.; NOMURA, S.; NIWA, Y.; YAMAZAKI, M.; TONO, T.; MORII, E.; KIM, H.M.; KONDO, K.; NISHIMUNE, Y.; KITAMURA, Y.: **Characterization of Ws mutant allele of rats: a 12-base deletion in tyrosine kinase domain of c-kit gene.** Blood,78(8),1942-1946,1991
- TSUJIMURA, T.; MORII, E.; NOZAKI, M.; HASHIMOTO, K.; MORIYAMA, Y.; TAKEBAYASHI, K.; KONDO, T.; KANAKURA, Y.; KITAMURA, Y.: **Involvement of transcription factor encoded by the mi locus in the expression of c-kit receptor tyrosine kinase in cultured mast cells of mice.** Blood,88(4),1225-1233,1996
- VAGE, D.I.; LU, D.; KLUNGLAND, H.; LIEN, S.; ADALSTEINSSON, S.; CONE, R.D.: **A non-epistatic interaction of agouti and extension in the fox, *Vulpes vulpes*.** nature genetics,15,311-315,1997
- VAGE, D.I.; KLUNGLAND, H.; LU, D.; CONE, R.D.: **Molecular and pharmacological characterization of dominant black coat color in sheep.** Mammalian Genome,10,39-43,1999

- VALVERDE, P.; HEALY, E.; JACKSON, I.; REES, J.L.; THODY, A.J.: **Variants of the melanocyte-stimulating hormone receptor gene are associated with red hair and fair skin in humans.** Nature genetics,11,328-330,1995
- VALVERDE, P.; HEALY, E.; SIKKINK, S.; HALDANE, F.; THODY, A.J.; CAROTHERS,A.; JACKSON, I.J.; REES, J.L.: **The Asp84Glu variant of the melanocortin 1 receptor (MC1R) is associated with melanoma.** Human Molecular Genetics,5,1663-1666,1996
- VANETTI, M.; SCHÖNROCK, C.; MEYERHOF, W.; HÖLLT, V.: **Molecular cloning of a bovine MSH receptor which is highly expressed in the testis.** FEBS Letters,348,268-272,1994
- VERGIL: **Aeneis.** III (390-426) und VIII (26-63) ; ca. 40 v. Chr.
- VIRADOR, V.M.; KOBAYASHI, N.; MATSUNAGA, J.; HEARING, V.J.: **A standardized protocol for assessing regulators of pigmentation.** Analytical Biochemistry,2700,207-219,1999
- WADA, A.; OKUMOTO, M.; TSUDZUKI, M.: **Tawny: a novel light coat color mutation found in a wild population of Mus musculus molossinus, a new allele at the Melanocortin 1 Receptor (MC1R) locus.** Exp.Anim.,48,2,73-78,1999
- WATANABE, H.; TATSUMI, K.; YOKOI, H.; HIGUCHI, T.; IWAI, M.; FUKUOKA, M.; FUJIWARA, H.; FUJITA, K.; NAKAYAMA, H.; MORI, T.; FUJITA, J.: **Ovulation defect and its restoration by bone marrow transplantation in osteopetrotic mutant mice of *Mitf^{mi}/Mitf^{mi}* genotype.** Biology of Reproduction,57,1394-1400,1997
- WATSON, J.D.; GILMAN, M.; WITKOWSKI, J.; ZOLLER, M.: **Die Polymerasekettenreaktion.** Rekombinierte DNA,Spektrum Akademischer Verlag,71-88,1993
- WEHRLE-HALLER, B.; WESTON, J.A.: **Soluble and cell-bound forms of steel factor activity play distinct roles in melanocyte precursor dispersal and survival on the lateral neural crest migration pathway.** Development,121,731-742,1995
- WEHRLE-HALLER, B.; WESTON, J.A.: **Receptor tyrosinase kinase-dependent neural crest migration in response to differentially localized growth factors.** BioEssay,19,337-345,1997
- WIEBERNEIT, D.; MAHDI, N.; ZACHARIAS, K.; WEGNER, W.: **Zur Problematik der Scheckenzucht bei Kaninchen. 1. Mitteilung: Mast- und Schlachtkörpereigenschaften, Organbefunde.** Dtsch. Tierärztl. Wschr.,98,9,325-364,1991
- WIEDEMANN, S.; KIJAS, J.; ANDERSSON, L.; FRIES, R.: **Genetic mapping of agouti in a Mangalitza x Piétrain cross.** Conference Abstract Book of 27th International Conference on Animal Genetics 2000,37,B060,2000
- WIESCH, A.: **Vererbung der Scheckzeichnung und korrelative Beziehung der Färbung bei Rindern.** Kühn-Archiv der DGfZ,Verlagsbuchhandlung Paul Parey,22,347-397,1929

- WILSON, B.D.; OLLMANN, M.M.; KANG, L.; STOFFEL, M.; BELL, G.I.; BARSH, G.S.: **Structure and function of *ASP*, the human homolog of the mouse *agouti* gene.** Human Molecular Genetics, 4(2), 223-230, 1995
- WILLIS, M.B.: **Züchtung des Hundes.** Verlag Eugen Ulmer Stuttgart, 1984
- WOLFF, G.L.; ROBERTS, D.W.; MOUNTJOY, K.G.: **Physiological consequences of ectopic *agouti* gene expression: the yellow obese mouse syndrome.** Physiol. Genomics, 1, 11-19, 1999
- WOOLF, C.M.: **Does homozygosity contribute to the asymmetry of common white leg markings in the Arabian horse ?** Genetica, 89, 25-33, 1993
- WORTH ESTES, J.A.B.: **Lack of correlation between coat color and temperament.** The Journal of Heredity, 39(3), 84, 1948
- WRIGHT, S.: **On the genetics of silvering in the guinea pig with special reference to interaction and linkage.** Genetics, 44, 387-405, 1959a
- WRIGHT, S.: **Silvering (si) and Diminution (dm) of coat color of the guinea pig, and male sterility of the white or near-white combination of these.** Genetics, 44, 563-590, 1959b
- WRIGHT, S.: **Postnatal changes in the intensity of coat color in diverse genotypes of the guinea pig.** Genetics, 45, 1503-1529, 1960
- WU, X.; BOWERS, B.; RAO, K.; WEI, Q.; HAMMER III, J.A.: **Visualization of melanosome dynamics within wild-type and dilute melanocytes suggests a paradigm for Myosin V function in vivo.** The Journal of Cell Biology, 143, 7, 1899-1918, 1998
- YASUDA, H.; GALLI, S.J.; GEISSLER, E.N.: **Cloning and functional analysis of the mouse c-kit promoter.** Biochemical and Biophysical Research Communications, 191(3), 893-901, 1993
- YASWEN, L.; DIEHL, N.; BRENNAN, M.B.; HOCHGESCHWENDER, U.: **Obesity in the mouse model of pro-opiomelanocortin deficiency responds to peripheral melanocortin.** Nature Medicine, 5, 9, 1066-1070, 1999
- ZIMRING, D.C.; LAMOREUX, M.L.; MILLICHAMP, N.J.; SKOW, L.C.: **Microphthalmia Cloudy-Eye (*mf^e*): a new murine allele.** The Journal of Heredity, 87(4), 334-338, 1996
- ZSEBO, K.M.; WILLIAMS, D.A.; GEISSLER, E.N.; BROUDY, V.C.; MARTIN, F.H.; ATKINS, H.L.; HSU, R.; BIRKETT, N.C.; OKINO, K.H.; MURDOCK, D.C.; JACOBSEN, F.W.; LANGLEY, K.E.; SMITH, K.A.; TAKEISHI, T.; CATTANACH, B.M.; GALLI, S.J.; SUGGS, S.V.: **Stem cell factor is encoded at the *Sl* locus of the mouse and is the ligand for the c-kit Tyrosine Kinase Receptor.** Cell, Vol. 63, 213-224, 1990