

## Publications Walter Siegrist (waltersiegrist.ch)

- 1: Eberle AN, Siegrist W, Bagutti C, Chluba-De Tapia J, Solca F, Wikberg JE, Chhajlani V. Receptors for melanocyte-stimulating hormone on melanoma cells. *Ann N Y Acad Sci.* 1993 May 31;680:320-41. doi: 10.1111/j.1749-6632.1993.tb19693.x. PMID: 8390156.
- 2: Heim SC, De Geyter C, Siegrist W, Bilz S, Keller U. Das Syndrom der Polycystischen Ovarien (PCOS)--nur für Kinderwunsch relevant? [Polycystic ovary syndrome--only relevant in reproductive medicine?]. *Ther Umsch.* 1999 May;56(5):271-5. German. doi: 10.1024/0040-5930.56.5.271. PMID: 10409902.
- 3: Wyss-Desserich M-, Caduff-Joos R, Wyss P, Rageth C, Wight E, Walt H, Haller U, Schäfer P, Schneider J, Spinosa JP, Krauer F, Köchli OR, Schär G, Schenk V, Fink D, Hornung R, Eppenberger U, Müller H, Haller U, Kunz J, Rondez R, Pagotto RF, Siegrist W, Benz P, Benz-Baumann B, Benz J, Rutsch M, Benz-Baumann B, Benz J, Bitzer J, Saurer K, Hänggi W, Isenschmid M, Lachat R, Dreher E, Schneider J, Schäfer P, Spinosa JP, Krauer F. Freie mitteilungen. *Arch Gynecol Obstet.* 1995 Dec;256(Suppl 1):S240-S245. German. doi: 10.1007/BF02201969. PMID: 27696061.
- 4: Drozd R, Siegrist W, Baker BI, Chluba-de Tapia J, Eberle AN. Melanin-concentrating hormone binding to mouse melanoma cells in vitro. *FEBS Lett.* 1995 Feb 13;359(2-3):199-202. doi: 10.1016/0014-5793(95)00043-9. PMID: 7867799.
- 5: Bergemann R, Brandt A, Siegrist W. Cost-effectiveness study of a lipid-lowering therapy in hyperlipoproteinaemia type IIb and type IV (Frederickson). *Pharmacoeconomics.* 1993 Feb;3(2):131-9. doi: 10.2165/00019053-199303020-00006. PMID: 10146961.
- 6: Lichtensteiger W, Hanimann B, Schlumpf M, Siegrist W, Eberle AN. Pre- and postnatal ontogeny of [125I]Nle4,D-Phe7-alpha-MSH binding sites in rat brain. *Ann N Y Acad Sci.* 1993 May 31;680:652-4. doi: 10.1111/j.1749-6632.1993.tb19765.x. PMID: 8390210.
- 7: Pansky A, Peng F, Eberhard M, Baselgia L, Siegrist W, Baumann JB, Eberle AN, Beglinger C, Hildebrand P. Identification of functional GRP-preferring bombesin receptors on human melanoma cells. *Eur J Clin Invest.* 1997 Jan;27(1):69-76. doi: 10.1046/j.1365-2362.1997.900616.x. PMID: 9041380.
- 8: Bagutti C, Oestreicher M, Siegrist W, Oberholzer M, Eberle AN. alpha-MSH receptor autoradiography on mouse and human melanoma tissue sections and biopsies. *J Recept Signal Transduct Res.* 1995 Jan-Mar;15(1-4):427-42. doi: 10.3109/10799899509045231. PMID: 8903955.
- 9: Siegrist W, Drozd R, Cotti R, Willard DH, Wilkison WO, Eberle AN. Interactions of alpha-melanotropin and agouti on B16 melanoma cells: evidence for inverse agonism of agouti. *J Recept Signal Transduct Res.* 1997 Jan-May;17(1-3):75-98. doi: 10.3109/10799899709036595. PMID: 9029482.
- 10: Baumann JB, Bagutti C, Siegrist W, Christen E, Zumsteg U, Eberle AN. MSH receptors and the response of human A375 melanoma cells to interleukin-1 beta. *J Recept Signal Transduct Res.* 1997 Jan-May;17(1-3):199-210. doi: 10.3109/10799899709036604. PMID: 9029491.
- 11: Siegrist W, Hintermann E, Roggo CN, Apfel CM, Klaus M, Eberle AN. Melanoma cell growth inhibition and melanocortin receptor downregulation induced by selective and non-selective retinoids. *Melanoma Res.* 1998 Apr;8(2):113-22. doi: 10.1097/00008390-199804000-00003. PMID: 9610863.
- 12: Siegrist W, Eberle AN. In situ melanin assay for MSH using mouse B16 melanoma cells in culture. *Anal Biochem.* 1986 Nov 15;159(1):191-7. doi:10.1016/0003-

2697(86)90327-1. PMID: 3812999.

13: Schultz-Thater E, Juretic A, Dellabona P, Lüscher U, Siegrist W, Harder F, Heberer M, Zuber M, Spagnoli GC. *MAGE-1 gene product is a cytoplasmic protein.* *Int J Cancer.* 1994 Nov 1;59(3):435-9. doi: 10.1002/ijc.2910590324. PMID: 7927954.

14: De Luca M, Siegrist W, Bondanza S, Mathor M, Cancedda R, Eberle AN. *Alpha melanocyte stimulating hormone (alpha MSH) stimulates normal human melanocyte growth by binding to high-affinity receptors.* *J Cell Sci.* 1993 Aug;105 ( Pt 4):1079-84. doi: 10.1242/jcs.105.4.1079. PMID: 8227196.

15: Solca F, Siegrist W, Drozd R, Girard J, Eberle AN. *The receptor for alpha-melanotropin of mouse and human melanoma cells. Application of a potent alpha-melanotropin photoaffinity label.* *J Biol Chem.* 1989 Aug 25;264(24):14277-81. PMID: 2547792.

16: Siegrist W, Solca F, Stutz S, Giuffrè L, Carrel S, Girard J, Eberle AN. *Characterization of receptors for alpha-melanocyte-stimulating hormone on human melanoma cells.* *Cancer Res.* 1989 Nov 15;49(22):6352-8. PMID: 2804981.

17: Siegrist W, Willard DH, Wilkison WO, Eberle AN. *Agouti protein inhibits growth of B16 melanoma cells in vitro by acting through melanocortin receptors.* *Biochem Biophys Res Commun.* 1996 Jan 5;218(1):171-5. doi: 10.1006/bbrc.1996.0030. PMID: 8573126.

18: Baker BI, Eberle AN, Baumann JB, Siegrist W, Girard J. *Effect of melanin concentrating hormone on pigment and adrenal cells in vitro.* *Peptides.* 1985 Nov-Dec;6(6):1125-30. doi: 10.1016/0196-9781(85)90438-3. PMID: 3938841.

19: Siegrist W, Stutz S, Eberle AN. *Homologous and heterologous regulation of alpha-melanocyte-stimulating hormone receptors in human and mouse melanoma cell lines.* *Cancer Res.* 1994 May 15;54(10):2604-10. PMID: 8168086.

20: Siegrist W, Eberle AN. *Melanocortins and their implication in melanoma.* *Trends Endocrinol Metab.* 1995 May-Jun;6(4):115-20. doi: 10.1016/1043-2760(95)00017-c. PMID: 18406692.

21: Siegrist W, Sauter P, Eberle AN. *A selective protein kinase C inhibitor (CGP 41251) positively and negatively modulates melanoma cell MSH receptors.* *J Recept Signal Transduct Res.* 1995 Jan-Mar;15(1-4):283-96. doi: 10.3109/10799899509045221. PMID: 8903945.

22: Siegrist W, Bagutti C, Solca F, Girard J, Eberle AN. *MSH receptors on mouse and human melanoma cells: receptor identification, analysis and quantification.* *Prog Histochem Cytochem.* 1992;26(1-4):110-8. doi: 10.1016/s0079-6336(11)80085-9. PMID: 1336609.

23: Lichtensteiger W, Hanimann B, Siegrist W, Eberle AN. *Region- and stage-specific patterns of melanocortin receptor ontogeny in rat central nervous system, cranial nerve ganglia and sympathetic ganglia.* *Brain Res Dev Brain Res.* 1996 Jan 22;91(1):93-110. doi: 10.1016/0165-3806(95)00167-0. PMID: 8821481.

24: Eberle AN, Verin VJ, Solca F, Siegrist W, Kuenlin C, Bagutti C, Stutz S, Girard J. *Biologically active monoiodinated alpha-MSH derivatives for receptor binding studies using human melanoma cells.* *J Recept Res.* 1991;11(1-4):311-22. doi: 10.3109/10799899109066410. PMID: 1653337.

25: Siegrist W, Oestreicher M, Stutz S, Girard J, Eberle AN. *Radioreceptor assay for alpha-MSH using mouse B16 melanoma cells.* *J Recept Res.* 1988;8(1-4):323-43. doi: 10.3109/10799898809048996. PMID: 2838620.

26: Siegrist W, Eberle AN. *Homologous regulation of the MSH receptor in melanoma cells.* *J Recept Res.* 1993;13(1-4):263-81. doi: 10.3109/10799899309073659. PMID:

8383755.

27: Siegrist W, Girard J, Eberle AN. Quantification of MSH receptors on mouse melanoma tissue by receptor autoradiography. *J Recept Res.* 1991;11(1-4):323-31. doi: 10.3109/10799899109066411. PMID: 1653338.