

6. Literaturverzeichnis

Für die Literaturangaben der zitierten Aufsätze wurde das Programm endnote verwendet.

- A/Rahman, S. H., Mohamedani, A.A., Mirgani, E.M., Ibrahim, A.M. (1996). "Gender aspects and women's participation in the control and management of malaria in central Sudan." Soc Sci Med **42**(10): 1433-46.
- Abdalla, S., D. J. Weatherall, et al. (1980). "The anaemia of *P. falciparum* malaria." Br J Haematol **46**(2): 171-83.
- Abdalla, S., Weatherall, D. (1982). "The direct antiglobulin test in *P. falciparum* malaria." Br J Haematol **51**: 415-425.
- Abdulla, S., et al. (2001). "Impact of an insecticide treated net programme on malaria morbidity in children under 2 years of age in Tanzania: community cross-sectional study." Bmj **322**: 270-3.
- Abdulla, S., et al. (2005). "Spatial effects of the social marketing of insecticide-treated nets on malaria morbidity." Trop Med Int Health **10**(1): 11-8.
- Abraham, L. J. and K. M. Kroeger (1999). "Impact of the -308 TNF promoter polymorphism on the transcriptional regulation of the TNF gene: relevance to disease." J Leukoc Biol **66**(4): 562-6.
- Achidi, E. A., H. Perlmann, et al. (1995). "A longitudinal study of seroreactivities to Plasmodium falciparum antigens in Nigerian infants during their first year of life." Acta Trop **59**(2): 173-83.
- Achidi, E. A., L. S. Salimonu, et al. (1996). "Lack of association between levels of transplacentally acquired Plasmodium falciparum-specific antibodies and age of onset of clinical malaria in infants in a malaria endemic area of Nigeria." Acta Trop **61**(4): 315-26.
- Aguillon, J. C., A. Cruzat, et al. (2002). "[Tumor necrosis factor alpha genetic polymorphism as a risk factor in disease]." Rev Med Chil **130**(9): 1043-50.
- Aidoo, M., P. D. McElroy, et al. (2001). "Tumor necrosis factor-alpha promoter variant 2 (TNF2) is associated with pre-term delivery, infant mortality, and malaria morbidity in western Kenya: Asembo Bay Cohort Project IX." Genet Epidemiol **21**(3): 201-11.
- Alaii, J. A., H. W. van den Borne, et al. (2003). "Perceptions of bed nets and malaria prevention before and after a randomized controlled trial of permethrin-treated bed nets in western Kenya." Am J Trop Med Hyg **68**(4 Suppl): 142-8.
- Allison, A. C. (1964). "Polymorphism and Natural Selection in Human Populations." Cold Spring Harb Symp Quant Biol **29**: 137-49.
- Anders, R. F. (1986). "Multiple cross-reactivities amongst antigens of Plasmodium falciparum impair the development of protective immunity against malaria." Parasite Immunol **8**(6): 529-39.
- Ansari, M. A. and R. K. Razdan (2003). "Bio-efficacy and operational feasibility of alphacypermethrin (Fendona) impregnated mosquito nets to control rural malaria in northern India." J Vector Borne Dis **40**(1-2): 33-42.
- Anstey, N. M., D. L. Granger, et al. (1999). "Nitric oxide, malaria, and anemia: inverse relationship between nitric oxide production and hemoglobin concentration in asymptomatic, malaria-exposed children." Am J Trop Med Hyg **61**(2): 249-52.
- Arai, T., et al. (1995). "IL-10 is involved in the protective effect of dibutyryl cyclic adenosine monophosphate on endotoxin-induced inflammatory liver injury." J Immunol **155**(12): 5743-9.
- Archibald, C. P., et al., (1990). "Antibodies to Plasmodium falciparum in an indigenous population from a malaria endemic area of Malaysia." Acta Trop **48**(2): 149-57.
- Aucan, C., A. J. Walley, et al. (2003). "Interferon-alpha receptor-1 (IFNAR1) variants are associated with protection against cerebral malaria in The Gambia." Genes Immun **4**(4): 275-82.
- Baird, J. K., Purnomo, et al. (1993). "Age-specific prevalence of Plasmodium falciparum among six populations with limited histories of exposure to endemic malaria." Am J Trop Med Hyg **49**(6): 707-19.
- Barat, L., et al., (2004). "Do Malaria control interventions reach the poor? A view through the equity lens". Am J Trop Med Hyg **71** (2): 174-78.
- Bayley, J. P., et al. (2004). "Is there a future for TNF promoter polymorphisms?" Genes Immun **5**(5): 315-29.

6. LITERATURVERZEICHNIS

- Bazrafshani, M. R., W. E. Ollier, et al. (2000). "A novel PCR-RFLP assay for the detection of the single nucleotide polymorphism at position -1082 in the human IL-10 gene promoter." Eur J Immunogenet **27**(3): 119-20.
- Bears, P. F. (1997). "Anaemia in malaria control: a practical approach." Ann Trop Med Parasitol **91**: 713-718.
- Benjamin, D., T. J. Knobloch, et al. (1992). "Human B-cell interleukin-10: B-cell lines derived from patients with acquired immunodeficiency syndrome and Burkitt's lymphoma constitutively secrete large quantities of interleukin-10." Blood **80**(5): 1289-98.
- Bethea, J. R., H. Nagashima, et al. (1999). "Systemically administered interleukin-10 reduces tumor necrosis factor-alpha production and significantly improves functional recovery following traumatic spinal cord injury in rats." J Neurotrauma **16**(10): 851-63.
- Bienzle, U., Harms-Zwingenberger, G., Meyer, C.G. (1996). "Anämie und Hämolyse." Knobloch, J. (Hrsg.): Tropen- und Reisemedizin, Gustav Fischer Verlag Jena: 402-421.
- Biritwum, R.B. & Welbeck, J. (2000). "Incidence and management of malaria in 2 communities of different socio-economic level, in Accra, Ghana." Ann Trop Med Parasitol **94**(8): 771-8.
- Bloland, P. B., D. A. Boriga, et al. (1999). "Longitudinal cohort study of the epidemiology of malaria infections in an area of intense malaria transmission II. Descriptive epidemiology of malaria infection and disease among children." Am J Trop Med Hyg **60**(4): 641-8.
- Bojang, K. A., A. Palmer, et al. (1997). "Management of severe malarial anaemia in Gambian children." Trans R Soc Trop Med Hyg **91**(5): 557-61.
- Bottius, E., A. Guanziroli, et al. (1996). "Malaria: even more chronic in nature than previously thought; evidence for subpatent parasitaemia detectable by the polymerase chain reaction." Trans R Soc Trop Med Hyg **90**(1): 15-9.
- Bouharoun-Tayoun, H., et al. (1990). "Antibodies that protect humans against Plasmodium falciparum blood stages do not on their own inhibit parasite growth and invasion in vitro, but act in cooperation with monocytes." Exp Med **172**(6): 1633-41.
- Brabin, B. (1990). "An analysis of malaria parasite rates in infants: 40 years after McDonald." Tropical Disease Bulletin **87**: R1-R21.
- Brabin, B. J. (1991). "Applied Field Research in Malaria Reports." WHO.
- Brabin, B. J., Premji, Z., Verhoeff, F., (2001). "An analysis of anemia and child mortality." J Nutr **131**(2S-2): 636S-645S.
- Bradley-Moore, A. M., B. M. Greenwood, et al. (1985). "Malaria chemoprophylaxis with chloroquine in young Nigerian children. III. Its effect on nutrition." Ann Trop Med Parasitol **79**(6): 575-84.
- Branch, O. H., et al., (1998). "A longitudinal investigation of IgG and IgM antibody responses to the merozoite surface protein-1 19-kiloDalton domain of Plasmodium falciparum in pregnant women and infants: association with febrile illness, parasitemia, and aemia." Am J Trop Med Hyg **58**(2): 211-9.
- Brinkman, B. M., D. Zuijdest, et al. (1995). "Relevance of the tumor necrosis factor alpha (TNF alpha) -308 promoter polymorphism in TNF alpha gene regulation." J Inflamm **46**(1): 32-41.
- Bruce-Chwatt, L. J., et al. (1972). "Sero-epidemiological studies on population groups previously exposed to malaria." Lancet **1**(7749): 512-5.
- Bull, P. C., B. S. Lowe, et al. (1998). "Parasite antigens on the infected red cell surface are targets for naturally acquired immunity to malaria." Nat Med **4**(3): 358-60.
- Bull, P. C., et al., (1999). "Antibody recognition of Plasmodium falciparum erythrocyte surface antigens in Kenya: evidence for rare and prevalent variants." Infect Immun **67**(2): 733-9.
- Candore, G., D. Lio, et al. (2002). "Pathogenesis of autoimmune diseases associated with 8.1 ancestral haplotype: effect of multiple gene interactions." Autoimmun Rev **1**(1-2): 29-35.
- Carlier, Y. and C. Truyens (1995). "Influence of maternal infection on offspring resistance towards parasites." Parasitol Today **11**(3): 94-9.
- Carne, B. (1993). "[Plasmodium falciparum malaria in urban zones of high endemic regions in black Africa. Potential seriousness and possible preventive measures]." Bull Soc Pathol Exot **86**(5 Pt 2): 394-8.
- Cheesbrough, M. (1999). "District Laboratory Practice in Tropical Countries, low price ed." Cambridge University Press, Cambridge.

6. LITERATURVERZEICHNIS

- Ciuca, M., Baluf, L., Chelarescu-Vierum (1934). "Immunity in malaria." Trans Roy Soc Trop Med Hyg **27**: 619-622.
- Clark, I. A. and G. Chaudhri (1988). "Tumour necrosis factor may contribute to the anaemia of malaria by causing dyserythropoiesis and erythrophagocytosis." Br J Haematol **70**(1): 99-103.
- Clendennen, T. E., Long, G.W., Baird, J.K. (1996). "QBC and Giemsa-stained thick blood films: diagnostic performance of laboratory technologists." Trans R Soc Trop Med Hyg **87**: 649-653.
- Colbourne, M. J. E., G.M., (1954). "Mortality from malaria in Accra." Journal of Tropical Medicine and Hygiene **57**: 203-210.
- Cornet, M., J. Y. Le Hesran, et al. (1998). "Prevalence of and risk factors for anemia in young children in southern Cameroon." Am J Trop Med Hyg **58**(5): 606-11.
- Cottrez, F., S. D. Hurst, et al. (2000). "T regulatory cells 1 inhibit a Th2-specific response in vivo." J Immunol **165**(9): 4848-53.
- Cranston, H. A., C. W. Boylan, et al. (1984). "Plasmodium falciparum maturation abolishes physiologic red cell deformability." Science **223**(4634): 400-3.
- Crawley, J. (2004). "Reducing the burden of anemia in infants and young children in malaria-endemic countries of Africa: from evidence to action." Am J Trop Med Hyg **71**(2 Suppl): 25-34.
- Dale, P., N. Sipe, et al. (2005). "Malaria in Indonesia: a summary of recent research into its environmental relationships." Southeast Asian J Trop Med Public Health **36**(1): 1-13.
- Dallman, P. R. et al. (1978). "Hemoglobin concentration in white, black, and Oriental children: is there a need for separate criteria in screening for anemia?" Am J Clin Nutr **31**(3): 377-80.
- Davis, T. M., S. Krishna, et al. (1990). "Erythrocyte sequestration and anemia in severe falciparum malaria. Analysis of acute changes in venous hematocrit using a simple mathematical model." J Clin Invest **86**(3): 793-800.
- Day, N. P., T. T. Hien, et al. (1999). "The prognostic and pathophysiologic role of pro- and antiinflammatory cytokines in severe malaria." J Infect Dis **180**(4): 1288-97.
- de Jong, B. A., Westendorp, R.G.J., Bakker, A.M., Huizinga, T.W.J. (2002). "Polymorphism in or near tumour necrosis factor (TNF)-gene do not determine levels of endotoxin-induced TNF production." Genes Immun **3**: 25-29.
- de Waal Malefyt, R et al. (1991). "Interleukin 10(IL-10) inhibits cytokine synthesis by human monocytes: an autoregulatory role of IL-10 produced by monocytes." J Exp Med **174**(5): 1209-20.
- Defrance, T., B. Vanbervliet, et al. (1992). "Interleukin 10 and transforming growth factor beta cooperate to induce anti-CD40-activated naive human B cells to secrete immunoglobulin A." J Exp Med **175**(3): 671-82.
- Doodoo, D., M. Theisen, et al. (2000). "Naturally acquired antibodies to the glutamate-rich protein are associated with protection against Plasmodium falciparum malaria." J Infect Dis **181**(3): 1202-5.
- Doodoo, D., F. M. Omer, et al. (2002). "Absolute levels and ratios of proinflammatory and anti-inflammatory cytokine production in vitro predict clinical immunity to Plasmodium falciparum malaria." J Infect Dis **185**(7): 971-9.
- Dondorp, A. M., B. J. Angus, et al. (1999). "Red blood cell deformability as a predictor of anemia in severe falciparum malaria." Am J Trop Med Hyg **60**(5): 733-7.
- Edozian, J. C., Gilles, H.M., Udeozo, I.O.K., (1962). "Adult and cord blood gammaglobulin and immunity to malaria in Nigerians." Lancet **ii**: 951-955.
- el-Nashar, T. M., et al. (2002). "Correlation of plasma levels of tumor necrosis factor, interleukin-6 and nitric oxide with the severity of human malaria." J Egypt Soc Parasitol **32**(2): 525-35.
- Erlanger, T. E., Enayati, A.A., Hemingway, J., Mshinda, H., Tami, A., et al. (2004). "Field issues related to the effectiveness of insecticide-treated nets in Tanzania." Med Vet Entomol **18**(2): 153-60.
- Eskdale, J., D. Kube, et al. (1997). "Mapping of the human IL10 gene and further characterization of the 5' flanking sequence." Immunogenetics **46**(2): 120-8.
- Eskdale, J., V. Keijsers, et al. (1999). "Microsatellite alleles and single nucleotide polymorphisms (SNP) combine to form four major haplotype families at the human interleukin-10 (IL-10) locus." Genes Immun **1**(2): 151-5.
- Fawole, O.I. et al. (2001). "Knowledge and home management of malaria fever by mothers and care givers of under 5 children." West Afr J Med **20**(2): 152-7.
- Filmer, D. (2002). "Fever and Its Treatment in the More and Less Poor in Sub-Saharan Africa." World Bank Policy Research Working Paper # WPS2789.

6. LITERATURVERZEICHNIS

- Finnström, O. (1977). "Studies on maturity in newborn infants. IX. Further observations on the use of external characteristics in estimating gestational age." Acta Paediatr Scand **66**: 601-604.
- Fiorentino, D. F., M. W. Bond, et al. (1989). "Two types of mouse T helper cell. IV. Th2 clones secrete a factor that inhibits cytokine production by Th1 clones." J Exp Med **170**(6): 2081-95.
- Friel, S. et al. (2004). "Housing and health transition in Thailand." Rev Environ Health **19**: 311-27.
- Garnham (1988). "Malaria parasites of man: life-cycles and morphology(excluding ultrastructure)." Malaria: Principles and Practice of Malariology. **1**: 61-96.
- Garrod, A. E. (1931). "The inborn factors in disease. An essay." Oxford University Press, Oxford, UK.
- Genton, B. et al. (1994). "The use of untreated bednets and malaria infection, morbidity and immunity." Ann Trop Med Parasitol **88**(3): 263-70.
- Gilles (1991). "Management of severe and complicated malaria." World Health Organisation, Genf.
- Gillespie, D. A., Hardman (1979). "Microbubbles in replicating nuclear deoxyribonucleic acid from *Physarum polycephalum*." N Biochem J: 477-480.
- Gourley, I. S., J. D. Kurtis, et al. (2002). "Profound bias in interferon-gamma and interleukin-6 allele frequencies in western Kenya, where severe malarial anemia is common in children." J Infect Dis **186**(7): 1007-12.
- Grantham-McGregor, S. M., Ani, C. (2001). "A review of studies on the effect of iron deficiency on cognitive development in children." J Nutr **131**: 649-666.
- Grau, G. E., T. E. Taylor, et al. (1989). "Tumor necrosis factor and disease severity in children with falciparum malaria." N Engl J Med **320**(24): 1586-91.
- Greenwood, B. and T. Mutabingwa (2002). "Malaria in 2002." Nature **415**(6872): 670-2.
- Groux, H., M. Bigler, et al. (1998). "Inhibitory and stimulatory effects of IL-10 on human CD8+ T cells." J Immunol **160**(7): 3188-93.
- Groux, H., A. O'Garra, et al. (1997). "A CD4+ T-cell subset inhibits antigen-specific T-cell responses and prevents colitis." Nature **389**(6652): 737-42.
- Guyatt, H. L. & Snow, R. W. (2002). "The cost of treating bednets." Trends in Parasitology **18**:12-6.
- Haas, J. D., Brownlie, T.T. (2001). "Iron deficiency and reduced work capacity: a critical review of the research to determine a causal relationship." J Nutr **131**: 676S-688S.
- Hahn, F. et al. (1999). "Medizinische Mikrobiologie und Infektiologie. 3. Aufl." Springer Verlag.
- Haldane, J. B. S. (1948). "The rate of mutation of human genes. Proceedings of the Eighth International Congress of Genetics and Heredity." Hereditas Suppl. **35**.
- Hausmann Muela, S. et al. (1998). "Fake malaria and hidden parasites: the ambiguity of malaria." Anthropol Med **5**: 43-61.
- Henning, L., Schellenberg, D., Smith, T., Henning, D., Alonso, P., Tanner, M., Mshinda, H., Beck, H.-P., Felger, I. (2004). "A prospective study of *Plasmodium falciparum* multiplicity of infection and morbidity in Tanzanian children." Trans R Soc Trop Med Hyg **98**: 687-694.
- Hermesen, C. C., Y. Konijnenberg, et al. (2003). "Circulating concentrations of soluble granzyme A and B increase during natural and experimental *Plasmodium falciparum* infections." Clin Exp Immunol **132**(3): 467-72.
- Hill, A. V., C. E. Allsopp, et al. (1991). "Common west African HLA antigens are associated with protection from severe malaria." Nature **352**(6336): 595-600.
- Hill, A. V., J. Elvin, et al. (1992). "Molecular analysis of the association of HLA-B53 and resistance to severe malaria." Nature **360**(6403): 434-9.
- Ho, M., N. J. White, et al. (1990). "Splenic Fc receptor function in host defense and anemia in acute *Plasmodium falciparum* malaria." J Infect Dis **161**(3): 555-61.
- Hobbs, M. R., V. Udhayakumar, et al. (2002). "A new NOS2 promoter polymorphism associated with increased nitric oxide production and protection from severe malaria in Tanzanian and Kenyan children." Lancet **360**(9344): 1468-75.
- Hogh, B., N. T. Marbiah, et al. (1995). "Relationship between maternally derived anti-*Plasmodium falciparum* antibodies and risk of infection and disease in infants living in an area of Liberia, west Africa, in which malaria is highly endemic." Infect Immun **63**(10): 4034-8.
- Hogh, B. (1996). "Clinical and parasitological studies on immunity to *Plasmodium falciparum* malaria in children." Scand J Infect Dis Suppl **102**: 1-53.
- Hommel, M. and S. Semoff (1988). "Expression and function of erythrocyte-associated surface antigens in malaria." Biol Cell **64**(2): 183-203.

6. LITERATURVERZEICHNIS

- Howard, M., T. Muchamuel, et al. (1993). "Interleukin 10 protects mice from lethal endotoxemia." J Exp Med **177**(4): 1205-8.
- Howard, N., Chandramohan, D., Freeman, T., Shafi, A., Rafi, M., Enayatullah, S., Rowland, M. (2003). "Socio-economic factors associated with the purchasing of insecticide-treated nets in Afghanistan and their implications for social marketing." Trop Med Int Health **8**(12): 1043-50.
- Humar, A., C. Ohrt, et al. (1997). "Parasight F test compared with the polymerase chain reaction and microscopy for the diagnosis of Plasmodium falciparum malaria in travelers." Am J Trop Med Hyg **56**(1): 44-8.
- Jacobs, R. L. (1964). "Role of P-Aminobenzoic Acid in Plasmodium Berghei Infection in the Mouse." Exp Parasitol **15**: 213-25.
- Jarra, W. and G. Snounou (1998). "Only viable parasites are detected by PCR following clearance of rodent malarial infections by drug treatment or immune responses." Infect Immun **66**(8): 3783-7.
- Johnson, R.A. et al. (1989). "Chronic exposure to tumour necrosis factor in vivo preferentially inhibits erythropoiesis in nude mice." Blood **74**:130-8.
- Jones, C. et al. (2004). "The social burden of malaria: what are we measuring?" Am J Trop Med Hyg **71** (2): 156-61.
- Kamol-Ratanakul, P., et al., (1992). "Seroepidemiologic studies of humoral immune response to the Plasmodium falciparum antigens in Thailand." Am J Trop Med Hyg **47**(5): 554-61.
- Karunaweera, N. D., G. E. Grau, et al. (1992). "Dynamics of fever and serum levels of tumor necrosis factor are closely associated during clinical paroxysms in Plasmodium vivax malaria." Proc Natl Acad Sci U S A **89**(8): 3200-3.
- Kemp, D. J., et al. (1990). "Genetic diversity in Plasmodium falciparum." Adv Parasitol **29**: 75-149.
- Kim, J. M., C. I. Brannan, et al. (1992). "Structure of the mouse IL-10 gene and chromosomal localization of the mouse and human genes." J Immunol **148**(11): 3618-23.
- Kitua, A. Y., T. Smith, et al. (1996). "Plasmodium falciparum malaria in the first year of life in an area of intense and perennial transmission." Trop Med Int Health **1**(4): 475-84.
- Kitua, A. Y., T. A. Smith, et al. (1997). "The role of low level Plasmodium falciparum parasitaemia in anaemia among infants living in an area of intense and perennial transmission." Trop Med Int Health **2**(4): 325-33.
- Knight, J. C. and D. Kwiatkowski (1999). "Inherited variability of tumor necrosis factor production and susceptibility to infectious disease." Proc Assoc Am Physicians **111**(4): 290-8.
- Knüttgen, H. J. (1961). "Das Verhalten der Makrophagen und die Phagozytose von Parasiten im Knochenmark bei Malaria tropica." Z Tropenmed Parasitol **12**: 161-171.
- Koss, K., J. Satsangi, et al. (2000). "Cytokine (TNF alpha, LT alpha and IL-10) polymorphisms in inflammatory bowel diseases and normal controls: differential effects on production and allele frequencies." Genes Immun **1**(3): 185-90.
- Kreienbrock, L., Schach, S. (1997). "Epidemiologische Methoden." Gustav Fischer Verlag, Stuttgart.
- Kremsner, P. G., S. Winkler, et al. (1995). "Prediction of accelerated cure in Plasmodium falciparum malaria by the elevated capacity of tumor necrosis factor production." Am J Trop Med Hyg **53**(5): 532-8.
- Kuate Defo, B. (1997). "[Causes and determinants of mortality under 2 years of age in subSaharan Africa: application of concurrent risk models]." Cah Que Demogr. **26**(1): 3-39.
- Kurtzhals, J. A., V. Adabayeri, et al. (1998). "Low plasma concentrations of interleukin 10 in severe malarial anaemia compared with cerebral and uncomplicated malaria." Lancet **351**(9118): 1768-72.
- Kwiatkowski, D., J. G. Cannon, et al. (1989). "Tumour necrosis factor production in Falciparum malaria and its association with schizont rupture." Clin Exp Immunol **77**(3): 361-6.
- Lawless, J. W., Latham, M.C., Stephenson, L.S., Kinoti, S.N., Pertet, A.M. (1994). "Iron supplementation improves appetite and growth in anemic Kenyan primary school children." J Nutr **124**: 645-654.
- le Cessie, S., Verhoeff, F.H., Mengistie, G., Kazembe, P., Broadhead, R., Brabin, B.J. (2002). "Changes in haemoglobin levels in infants in Malawi: effect of low birth weight and fetal anaemia." Arch Dis Child Fetal Neonatal Ed **86**: F182-F187.
- Le Hesran, J. Y., M. Cot, et al. (1997). "Maternal placental infection with Plasmodium falciparum and malaria morbidity during the first 2 years of life." Am J Epidemiol **146**(10): 826-31.

6. LITERATURVERZEICHNIS

- Lee, M. V., J. L. Ambrus, et al. (1982). "Diminished red blood cell deformability in uncomplicated human malaria. A preliminary report." J Med **13**(5-6): 479-85.
- Lee, S. H., S. Looareesuwan, et al. (1989). "Antibody-dependent red cell removal during *P. falciparum* malaria: the clearance of red cells sensitized with an IgG anti-D." Br J Haematol **73**(3): 396-402.
- Lengeler, C. et al. (2004). "Insecticide-treated bednets and curtains for preventing malaria." Cochrane Database Syst Rev (2): CD000363.
- Lingelbach, K. (1994). "Malaria." Röllinghoff, M., Rommel M. (Hrsg): Immunologische und molekulare Parasitologie. Gustav Fischer Verlag Jena: 105-126.
- Lio, D., G. Candore, et al. (2001). "A genetically determined high setting of TNF-alpha influences immunologic parameters of HLA-B8,DR3 positive subjects: implications for autoimmunity." Hum Immunol **62**(7): 705-13.
- Looareesuwan, S., M. Ho, et al. (1987). "Dynamic alteration in splenic function during acute falciparum malaria." N Engl J Med **317**(11): 675-9.
- Looareesuwan, S., Merry, A.H., Phillips, R.E., Pleehachinda, R., Wattagoon, Y., Ho, M., Charoenlarp, P., Warrell, D.A., Weatherall, D.J. (1987). "Reduced erythrocyte survival following clearance of malarial parasitaemia in Thai patients." Br J Haematol **67**: 473-478.
- Lozoff, B., Jimenez, E., Hagen, J., et al. (2000). "Poorer behavioral and developmental outcome more than 10 years after treatment for iron deficiency in infancy." Pediatrics **105**: E51.
- Lubanga, R.G. et al. (1997). "Maternal diagnosis and treatment of children's fever in an endemic Malaria zone of Uganda; implications for the malaria control programme." Acta Trop **68**: 53-64.
- Lyke, K. E., R. Burges, et al. (2004). "Serum levels of the proinflammatory cytokines interleukin-1 beta (IL-1beta), IL-6, IL-8, IL-10, tumor necrosis factor alpha, and IL-12(p70) in Malian children with severe *Plasmodium falciparum* malaria and matched uncomplicated malaria or healthy controls." Infect Immun **72**(10): 5630-7.
- Mackinnon, M., Gunawardena, D.M., Jagath Rajakaruna, Sudath Weerasingha, Kamini N. Mendis, Carter, R. (2000). "Quantifying genetic and nongenetic contributions to malarial infection in a Sri Lankan population." PNAS **97**(23): 12661-12666.
- Mackinnon, M., Mwangi, T. et al. (2005). "Heritability of Malaria in Africa." PLoS Medicine **2**(12): 340.
- Maegraith, B. G., Deegan, T., Sherwood Jones, E., (1952). "Suppression of malaria, *Plasmodium berghei*, by milk." British Medical Journal **ii**: 1382-1384.
- Makhatadze, N. J. (1998). "Tumor necrosis factor locus: genetic organisation and biological implications." Hum Immunol **59**(9): 571-9.
- Manish, R., R. Tripathy, et al. (2003). "Plasma glucose and tumour necrosis factor-alpha in adult patients with severe falciparum malaria." Trop Med Int Health **8**(2): 125-8.
- Marchant, T. et al. (2001). "Socially marketed insecticide-treated nets improve malaria and anaemia in pregnancy in southern Tanzania." Trop Med Int Health **7**(2): 149-58.
- Markell EK, V. M. et al. (1992). "Malaria." Medical Parasitology, WB Saunders Philadelphia: 96-125.
- Marks, F. et al. (2005). "High prevalence of markers for sulfadoxine and pyrimethamine resistance in *Plasmodium falciparum* in the absence of drug pressure in the Ashanti region of Ghana." Antimicrob Agents Chemother. **49**(3): 1101-5.
- Marsh, K. and R. J. Howard (1986). "Antigens induced on erythrocytes by *P. falciparum*: expression of diverse and conserved determinants." Science **231**(4734): 150-3.
- Marsh, K., et al., (1989). "Antibodies to blood stage antigens of *Plasmodium falciparum* in rural Gambians and their relation to protection against infection." Trans R Soc Trop Med Hyg **83**(3): 293-303.
- Marsh, K. (1992). "Malaria--a neglected disease?" Parasitology **104 Suppl**: S53-69.
- May, J., B. Lell, et al. (2000). "Plasma interleukin-10: Tumor necrosis factor (TNF)-alpha ratio is associated with TNF promoter variants and predicts malarial complications." J Infect Dis **182**(5): 1570-3.
- McCombie, S.C., (2002). "Self-treatment for malaria: the evidence and methodological issues." Health Policy Plan **17**(4): 333-44.
- McDonald, G. (1950). "The analysis of malaria parasite rates in infants." Tropical Disease Bulletin **47**: 915-937.
- McGregor, I. A. (1986). "The development and maintenance of immunity to malaria in highly endemic areas." Clinics in Tropical Medicine and Communicable Diseases I: 29-53.

6. LITERATURVERZEICHNIS

- McGuire, W., J. C. Knight, et al. (1999). "Severe malarial anemia and cerebral malaria are associated with different tumor necrosis factor promoter alleles." *J Infect Dis* **179**(1): 287-90.
- McGuirk, P., C. McCann, et al. (2002). "Pathogen-specific T regulatory 1 cells induced in the respiratory tract by a bacterial molecule that stimulates interleukin 10 production by dendritic cells: a novel strategy for evasion of protective T helper type 1 responses by *Bordetella pertussis*." *J Exp Med* **195**(2): 221-31.
- Meyer, C. G., J. May, et al. (2002). "TNFalpha-308A associated with shorter intervals of *Plasmodium falciparum* reinfections." *Tissue Antigens* **59**(4): 287-92.
- Minja, H.D. (2001). "Introducing insecticide treated nets in the Kilombero valley (Tanzania): Social and cultural dimensions." *PhD Thesis, University of Basel, Basel*.
- Mombo, L. E., F. Ntoumi, et al. (2003). "Human genetic polymorphisms and asymptomatic *Plasmodium falciparum* malaria in Gabonese schoolchildren." *Am J Trop Med Hyg* **68**(2): 186-90.
- Moore, K. W., A. O'Garra, et al. (1993). "Interleukin-10." *Annu Rev Immunol* **11**: 165-90.
- Moore, K. W., R. de Waal Malefyt, et al. (2001). "Interleukin-10 and the interleukin-10 receptor." *Annu Rev Immunol* **19**: 683-765.
- Mordmuller, B. G., W. G. Metzger, et al. (1997). "Tumor necrosis factor in *Plasmodium falciparum* malaria: high plasma level is associated with fever, but high production capacity is associated with rapid fever clearance." *Eur Cytokine Netw* **8**(1): 29-35.
- Mulligan, M. S., R. L. Warner, et al. (1997). "Protective effects of IL-4, IL-10, IL-12, and IL-13 in IgG immune complex-induced lung injury: role of endogenous IL-12." *J Immunol* **159**(7): 3483-9.
- Muniz-Junqueira et al. (2001). "Influence of tumor necrosis factor-alpha on the ability of monocytes and lymphocytes to destroy intraerythrocytic *P. falciparum* in vitro." *Cell Immunol* **208**:73-9.
- Murphy, S. C. and J. G. Breman (2001). "Gaps in the childhood malaria burden in Africa: cerebral malaria, neurological sequelae, anemia, respiratory distress, hypoglycemia, and complications of pregnancy." *Am J Trop Med Hyg* **64**(1-2 Suppl): 57-67.
- Mutabingwa, T. K. (1994). "Malaria and pregnancy: epidemiology, pathophysiology and control options." *Acta Trop* **57**(4): 239-54.
- Mwangi, T. W., A. Ross, et al. (2003). "The effects of untreated bednets on malaria infection and morbidity on the Kenyan coast." *Trans R Soc Trop Med Hyg* **97**(4): 369-72.
- Mwenesi, H. et al. (1995). "Child malaria treatment practices among mothers in Kenya." *Soc Sci Med* **40**: 1271-1277.
- Mwenesi, H. (2005). "Social science research in malaria prevention, management and control in the last two decades". *Acta Trop* **95**(3): 292-7.
- Nacher, M. et al. (2001). "Socio-economic and environmental protective/risk factors for severe malaria in Thailand." *Acta Trop* **78**(2): 139-46.
- Nathan, D. G., Oski, F.A., (Hrsg.) (1992). "Differential diagnosis of anemia." *Nathan and Oski (Hrsg.): Hematology of Infancy and Childhood. WB Saunders, Philadelphia*: 346-353.
- Newton, C. R., P. A. Warn, et al. (1997). "Severe anaemia in children living in a malaria endemic area of Kenya." *Trop Med Int Health* **2**(2): 165-78.
- Nkuo Akenji, T. K., N. N. Ntonifor, et al. (2005). "Evaluating a malaria intervention strategy using knowledge, practices and coverage surveys in rural Bolifamba, southwest Cameroon." *Trans R Soc Trop Med Hyg* **99**(5): 325-32.
- Nnalue, N. A. and M. J. Friedman (1988). "Evidence for a neutrophil-mediated protective response in malaria." *Parasite Immunol* **10**(1): 47-58.
- Nussenblatt, V., G. Mukasa, et al. (2001). "Anemia and interleukin-10, tumor necrosis factor alpha, and erythropoietin levels among children with acute, uncomplicated *Plasmodium falciparum* malaria." *Clin Diagn Lab Immunol* **8**(6): 1164-70.
- Ohashi, J., I. Naka, et al. (2002). "Lack of association between interleukin-10 gene promoter polymorphism, -1082G/A, and severe malaria in Thailand." *Southeast Asian J Trop Med Public Health* **33 Suppl 3**: 5-7.
- Olaogun, A. A., Ayandiran, O., Olasode, O.A., Adebayo, A., Omokhodion, F. (2005). "Home management of childhood febrile illnesses in a rural community in Nigeria." *Aust J Rural Health* **13**(2): 97-101.
- Olumese, P. E., A. A. Adeyemo, et al. (1997). "The clinical manifestations of cerebral malaria among Nigerian children with the sickle cell trait." *Ann Trop Paediatr* **17**(2): 141-5.

6. LITERATURVERZEICHNIS

- Onwujekwe, O. et al. (2005). "Where do people from different socio-economic groups receive diagnosis and treatment for presumptive malaria, in south-eastern Nigeria?" Ann Trop Med Parasitol **99**(5): 473-81.
- Oppenheimer, S. J. (2001). "Iron and its relation to immunity and infectious disease." J Nutr **131**: 616S-633S.
- Othoro, C., A. A. Lal, et al. (1999). "A low interleukin-10 tumor necrosis factor-alpha ratio is associated with malaria anemia in children residing in a holoendemic malaria region in western Kenya." J Infect Dis **179**(1): 279-82.
- Parikh, S., G. Dorsey, et al. (2004). "Host polymorphisms and the incidence of malaria in Ugandan children." Am J Trop Med Hyg **71**(6): 750-3.
- Pasvol, G. and R. J. Wilson (1982). "The interaction of malaria parasites with red blood cells." Br Med Bull **38**(2): 133-40.
- Peguet-Navarro, J., C. Moulon, et al. (1994). "Interleukin-10 inhibits the primary allogeneic T cell response to human epidermal Langerhans cells." Eur J Immunol **24**(4): 884-91.
- Perrin, L. H. et al. (1982). "The hematology of malaria in man." Semin Hematol **19**(2): 70-82.
- Petersen, E., B. Hogh, et al. (1991). "Development of immunity against Plasmodium falciparum malaria: clinical and parasitologic immunity cannot be separated." J Infect Dis **164**(5): 949-53.
- Phillips, R. E., S. Looareesuwan, et al. (1986). "The importance of anaemia in cerebral and uncomplicated falciparum malaria: role of complications, dyserythropoiesis and iron sequestration." Q J Med **58**(227): 305-23.
- Phillips, R. E. and G. Pasvol (1992). "Anaemia of Plasmodium falciparum malaria." Baillieres Clin Haematol **5**(2): 315-30.
- Phillips-Howard, P. A., Wannemuehler, K.A., ter Kuile, F.O., Hawley, W.A., Kolczak, M.S., Odhacha, A., Vulule, J.M., Nahlen, B.L. (2003). "Diagnostic and prescribing practices in peripheral health facilities in rural western Kenya." Am J Trop Med Hyg **68**(Suppl 4): 44-49.
- Pichainarong, N. and W. Chaveepojnkamjorn (2004). "Malaria infection and life-style factors among hilltribes along the Thai-Myanmar border area, northern Thailand." Southeast Asian J Trop Med Public Health **35**(4): 834-9.
- Pociot, F., S. D'Alfonso, et al. (1995). "Functional analysis of a new polymorphism in the human TNF alpha gene promoter." Scand J Immunol **42**(4): 501-4.
- Premji, Z., Y. Hamisi, et al. (1995). "Anaemia and Plasmodium falciparum infections among young children in an holoendemic area, Bagamoyo, Tanzania." Acta Trop **59**(1): 55-64.
- Reed, S. C., J. J. Wirima, et al. (1994). "Risk factors for anemia in young children in rural Malawi." Am J Trop Med Hyg **51**(2): 170-4.
- Roberts, D. J., A. G. Craig, et al. (1992). "Rapid switching to multiple antigenic and adhesive phenotypes in malaria." Nature **357**(6380): 689-92.
- Rockett, K. A., G. A. Targett, et al. (1988). "Killing of blood-stage Plasmodium falciparum by lipid peroxides from tumor necrosis serum." Infect Immun **56**(12): 3180-3.
- Rockett, K. A., M. M. Awburn, et al. (1992). "In vivo induction of nitrite and nitrate by tumor necrosis factor, lymphotoxin, and interleukin-1: possible roles in malaria." Infect Immun **60**(9): 3725-30.
- Rodriguez, A. D., R. P. Penilla, et al. (2003). "Knowledge and beliefs about malaria transmission and practices for vector control in southern Mexico." Salud Publica Mex **45**(2): 110-6.
- Rogier, C. and J. F. Trape (1995). "[Study of premunition development in holo- and meso-endemic malaria areas in Dielmo and Ndiop (Senegal): preliminary results, 1990-1994[.]" Med Trop (Mars) **55**(4 Suppl): 71-6.
- Rosenbaum, J. T. and E. Angell (1995). "Paradoxical effects of IL-10 in endotoxin-induced uveitis." J Immunol **155**(8): 4090-4.
- Rousset, F., E. Garcia, et al. (1992). "Interleukin 10 is a potent growth and differentiation factor for activated human B lymphocytes." Proc Natl Acad Sci U S A **89**(5): 1890-3.
- Rowe, J. A., I. G. Scragg, et al. (1998). "Implications of mycoplasma contamination in Plasmodium falciparum cultures and methods for its detection and eradication." Mol Biochem Parasitol **92**(1): 177-80.
- Ruwende, C., S. C. Khoo, et al. (1995). "Natural selection of hemi- and heterozygotes for G6PD deficiency in Africa by resistance to severe malaria." Nature **376**(6537): 246-9.
- Sachs, J. and P. Malaney (2002). "The economic and social burden of malaria." Nature **415**(6872): 680-5.

6. LITERATURVERZEICHNIS

- Saiki, R. K., Scharf, S., Faloona, F., Mullis, K.B., Horn, G.T., Erlich, H.A., Arnheim, N. (1985). "Enzymatic amplification of beta-globin genomic sequences and restriction site analysis for diagnosis of sickle cell anemia." Science **230**: 1350-1354.
- Schaaf, B.M., Boehmke, F., Esnaashari, et al. (2003). "Pneumococcal septic shock is associated with the interleukin-10-1082 gene promoter polymorphism." Am J Respir Crit Care Med **168**(4): 476-80.
- Schapira, A., et al. (1993). "Malaria: living with drug resistance." Parasitol Today **9**(5): 168-74.
- Schellenberg, D., C. Menendez, et al. (1999). "African children with malaria in an area of intense Plasmodium falciparum transmission: features on admission to the hospital and risk factors for death." Am J Trop Med Hyg **61**(3): 431-8.
- Schellenberg, D., Schellenberg, J.R., Mushi, A., Savigny, D., Mgalula, L., Mbuya, C., Victora, C.G. (2003). "The silent burden of anaemia in Tanzanian children: a community-based study." Bull World Health Organ **81**: 581-590.
- Schellenberg, J.A., et al. (2003). "Inquieties among the very poor: Health care for children in rural southern Tanzania." Lancet **361**: 561-66.
- Scragg, I. G., M. Hensmann, et al. (1999). "Early cytokine induction by Plasmodium falciparum is not a classical endotoxin-like process." Eur J Immunol **29**(8): 2636-44.
- Shanley, T. P., H. Schmal, et al. (1995). "Regulatory effects of intrinsic IL-10 in IgG immune complex-induced lung injury." J Immunol **154**(7): 3454-60.
- Sherriff, A., Emond A., Bell, J.C., Golding, J. (2001). "Should infants be screened for anaemia? A prospective study investigating the relation between haemoglobin at 8, 12, and 18 months and development at 18 months." Arch Dis Child **84**: 480-485.
- Sibson, N.R. et al. (2002). "TNF-alpha reduces cerebral blood volume and disrupts tissue homeostasis via an endothelium- and TNFR2-dependent pathway." Brain **125**: 2446-59.
- Sims, S.L. et al. (1992). "Decision making in home health care." Western J Nurs Research **14**:186-200.
- Singh, S., N. Singh, et al. (2000). "Tumor necrosis factor-alpha in patients with malaria." Indian J Malariol **37**(1-2): 27-33.
- Slutsker, L., T. E. Taylor, et al. (1994). "In-hospital morbidity and mortality due to malaria-associated severe anaemia in two areas of Malawi with different patterns of malaria infection." Trans R Soc Trop Med Hyg **88**(5): 548-51.
- Snounou, G., S. Viriyakosol, et al. (1993). "High sensitivity of detection of human malaria parasites by the use of nested polymerase chain reaction." Mol Biochem Parasitol **61**(2): 315-20.
- Snow, R. W., I. Bastos de Azevedo, et al. (1994). "Severe childhood malaria in two areas of markedly different falciparum transmission in east Africa." Acta Trop **57**(4): 289-300.
- Snow, R. W. et al. (1998) "Environmental and entomological risk factors for the development of clinical malaria among children on the Kenyan coast." Trans R Soc Trop Med Hyg **92**(4): 381-5.
- Snow, R. W., B. Nahlen, et al. (1998). "Risk of severe malaria among African infants: direct evidence of clinical protection during early infancy." J Infect Dis **177**(3): 819-22.
- Snow, R. W., M. Craig, et al. (1999). "Estimating mortality, morbidity and disability due to malaria among Africa's non-pregnant population." Bull World Health Organ **77**(8): 624-40.
- Standiford, T. J., R. M. Strieter, et al. (1995). "Neutralization of IL-10 increases lethality in endotoxemia. Cooperative effects of macrophage inflammatory protein-2 and tumor necrosis factor." J Immunol **155**(4): 2222-9.
- Steele, R. W. (1996). "Malaria in children." Adv Pediatr Infect Dis **12**: 325-49.
- Stirnadel, H.A. et al. (1999). "Malaria infection and morbidity in infants in relation to genetic polymorphisms in Tanzania." Trop Med Int Health **4**: 187-93.
- Suda, T., A. O'Garra, et al. (1990). "Identification of a novel thymocyte growth-promoting factor derived from B cell lymphomas." Cell Immunol **129**(1): 228-40.
- Thompson-Snipes, L., V. Dhar, et al. (1991). "Interleukin 10: a novel stimulatory factor for mast cells and their progenitors." J Exp Med **173**(2): 507-10.
- Tillyer, M. L., Varawalla, N.Y., Tillyer, C.R., et al. (1993). "Screening for thalassemia, abnormal hemoglobins and iron deficiency in a British Asian population." Clin Lab Haematol **15**: 157-164.
- Trape, J. F., C. Rogier, et al. (1994). "The Dielmo project: a longitudinal study of natural malaria infection and the mechanisms of protective immunity in a community living in a holoendemic area of Senegal." Am J Trop Med Hyg **51**(2): 123-37.

6. LITERATURVERZEICHNIS

- Tshefu, K. and M. A. James (1995). "Relationship of antibodies to soluble Plasmodium falciparum antigen (Pf70) and protection against malaria in a human population living under intense transmission in Kinshasa, Zaire." Trop Med Parasitol **46**(2): 72-6.
- Tumpey, T. M., V. M. Elner, et al. (1994). "Interleukin-10 treatment can suppress stromal keratitis induced by herpes simplex virus type 1." J Immunol **153**(5): 2258-65.
- Turner, D. M., D. M. Williams, et al. (1997). "An investigation of polymorphism in the interleukin-10 gene promoter." Eur J Immunogenet **24**(1): 1-8.
- Uzochukwu, B. et al. (2004). "Socio-economic differences and health seeking behaviour for the diagnosis and treatment of malaria: a case study of 4 local government areas operating the Bamako initiative programme in south-east Nigeria." Int J Equity Health **3**(1): 6.
- van Eijk, A. M., J. G. Ayisi, et al. (2002). "Malaria and human immunodeficiency virus infection as risk factors for anemia in infants in Kisumu, western Kenya." Am J Trop Med Hyg **67**(1): 44-53.
- Van Laethem, J. L., A. Marchant, et al. (1995). "Interleukin 10 prevents necrosis in murine experimental acute pancreatitis." Gastroenterology **108**(6): 1917-22.
- van Schravendijk, M. R., et al., (1991). "Characterization and localization of Plasmodium falciparum surface antigens on infected erythrocytes from west African patients." Blood **78**(1): 226-36.
- Vuckovic, N. (1999). "Fast Relief: Buying time with medications." Med Anthropol Quart **13**: 51-68.
- Wang, C.Q. et al. (1996). "Evidence suggesting a stimulatory role for interleukin-10 in erythropoiesis in vitro." J Cell Physiol **166**: 305-10.
- Warrell, D. A., et al. (1990). "Severe and complicated malaria, 2nd edition." Trans R Soc Trop Med Hyg **84**(2): 1-65.
- Weiß (2001). "Basiswissen Medizinische Statistik. 2. Auflage." Springer Verlag.
- Westendorp, R. G., J. A. Langermans, et al. (1997). "Genetic influence on cytokine production and fatal meningococcal disease." Lancet **349**(9046): 170-3.
- White, N. J. (1993). "Manson Bahr's Tropical Diseases: Malaria." 1087-1164.
- WHO. (1990). "Division of Control of Tropical Diseases: Severe and Complicated Malaria." Trans R Soc Trop Med Hyg **84**(2): 1-65.
- WHO. (2001). "Roll back malaria." Wkly Epidemiol Rec **76**(12): 89-91.
- Williams, T. N., K. Maitland, et al. (1996). "Red blood cell phenotypes in the alpha + thalassaemias from early childhood to maturity." Br J Haematol **95**(2): 266-72.
- Wilson, A. G. et al. (1992). "Single base polymorphism in the human tumour necrosis factor alpha (TNF alpha) gene detectable by NcoI restriction of PCR product." Hum Mol Genet **1**(5): 353.
- Wilson, A. G., J. A. Symons, et al. (1997). "Effects of a polymorphism in the human tumor necrosis factor alpha promoter on transcriptional activation." Proc Natl Acad Sci U S A **94**(7): 3195-9.
- Woiciechowsky, C., K. Asadullah, et al. (1998). "Sympathetic activation triggers systemic interleukin-10 release in immunodepression induced by brain injury." Nat Med **4**(7): 808-13.
- Yeats, J., H. Daley, et al. (1999). "Parvovirus B19 infection does not contribute significantly to severe anaemia in children with malaria in Malawi." Eur J Haematol **63**(4): 276-7.
- Zuckerman, A. (1966). "Recent studies on factors involved in malarial anemia." Mil Med **131**(9): Suppl:1201-216.