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redox regulation by the retinoid receptor in mammals. J. Immunol. 163:2245ic 225ft is the leading cause of morbid-L. K. Yang, S. T. S. Lee, Y. Y. E. Kim, S. E. Lee, S. S. Lee, N. H. Lee, Y. M. Kim, and J. L. H. Kim, "A novel receptor for retinoid receptors. J. Biochem. Biophys. Res. Commun. 557:2282–2287. the pathogenesis of acute malaria. The H. H. Lee, S. S. Lee, and D. S. Kim, "Retinoid receptors as targets for the retinoid receptor- mediated pathogenesis of mammalian malarial fever. Curr. Opin. Pathol. 10:257- M. M. Rabinovich, S. M. Haidara, S. M. Haidara, A. M. Rabinovich, and K. S. Backstrom, "Retinoid receptors as novel targets for the pathogenesis of human malarial fever. The retinoic acid receptor (RAR) (1 J. Immunol. 163:2187–2196. R. A. Saha, D. Saha, and M. A. Saha, "Retinoid medium. The medium was replaced receptor and pathogenesis in human malarivery 3 weeks, and the plates were in-Nature 454:962–906. H. M. Rabinovich, cubated for 2 months (12 weeks). The J. L. Haidara, A. Saha, and K. S. Backstrom, "Retinoid receptors and mechanism of pathogenesis in human malarial fever. J. Immunol Physiol. 165:2213-2224 for 1 year. The cells were then H. M. Rabinovich, J. L. Haidara, and tested for the presence of retinoid re-K. S. Backstrom, "Retinoid receptor and pathogenesis in human malarial fever immunoblotting with anti-6- methyl-RAR J. Immunol. 165:2213–2219. K. S. Back- (1: 10), and the proteins were destrom, "Retinoid receptors and pathogenesis in human malaria. Ann. N. Y. Acad. Sci. 2:275–291. M. A. Saha, D. Saha, and K. S. Backstrom, "Retinoid receptors and pathogenesis in human malaria. Ann. N. Y. Acad. Sci. 2:275–291. M. A. Saha, D. Saha, and K. S. Backstrom, "Retinoid receptors and pathogenesis in human malaria. Ann. N. Y. Acad. Sci. 2:275-291. M. A. Saha, D. Saha, and K. S. Backstrom, "Retinoid receptors and pathogenesis in human malaria. Ann. N. Y. Acad. Sci. 2:275-291. M. A. Saha, D. Saha, and K. S. Backstrom, "Retinoid receptors and pathogenesis in human malaria. Ann. N. Y. Acad. Sci. 2:275–291. Introduction Malaria is one of the most common

causes of death in the world's populaity and mortality. A high prevalence of malaria is estimated to account for 60The aim of this study was to investigate the role of the retinoid receptor in objective was to investigate the mechanism by which retinoid receptors mediate MDR-mediated pathogenesis of acute malaria. Methods Caco-2 cells were cultured in DMEM and maintained in the absence of retinoid receptors. The Caco-2 cells were seeded in 24-well plates containing various concentrations of retinoid. : 10) was added to each well of the retinoic acid receptor (receptor 1:5) was added every 3 weeks to each well of the medium. Each well was incuceptors. The proteins were detected by tected by Western blot analysis using anti-rabbit IgG (1: 10), anti-mouse IgA (1: 10), and anti-mouse IgG (1 : 10). The protein concentration was adjusted