

Andreas Ruppel, Dr.rer.nat.

Professor of Parasite Immunology

Retired since 2011

Disciplines: parasitology, immunology, public health

Research areas: schistosomiasis, control of parasitic diseases

Background

Ruppel was trained as biologist Germany, France and Italy. He got his doctorate degree from University of Freiburg, and his habilitation from the University of Heidelberg in Germany. He is working in the field of schistosomiasis immunology and control and since the 1980s and led several international biomedical research consortia with partners from China and several African Universities.

Teaching

Ruppel teaches parasitology and public health in several courses of the Heidelberg Institute of Public Health. Until retiring, he was director of teaching at this Institute (formerly

Department of Tropical Hygiene and Public Health) at Heidelberg University. Ruppel is visiting professor at the Tongji Medical College, Wuhan, China. He continues to supervise Master students in International Health and teaches topics in International health, research planning and scientific presentation skills.

Research

Research was focused on the experimental immunology of schistosomiasis including diagnosis, vaccination and epidemiology.

Selected publications

RUPPEL A., CHLICHLIA K., BAHGAT M. 2004. Invasion by schistosome cercariae: neglected aspects in *Schistosoma japonicum*. Trends in Parasitology 20, 397-400.

SORGHO H., BAHGAT M., PODA J.N., SONG W.J., KIRSTEN C., DOENHOFF M.J., ZONGO I., OUÉDRAOGO J.B., RUPPEL A. 2005 Serodiagnosis of *Schistosoma mansoni* infections in an endemic area in Burkina Faso: performance of ELISA, IHA and IFAT with different parasite antigens. Acta Tropica, 93, 169-80.

WANG W.S., KIRSCHFINK M., RUPPEL A. 2006. *Schistosoma japonicum* and *S. mansoni* cercariae: different effects of protein in medium, of mechanical stress and of an intact complement system on *in vitro* transformation to schistosomula. Parasitology Research, 99, 269-274.

MERCKELBACH A., RUPPEL A. 2007. Biochemical properties of an intracellular serpin from *Echinococcus multilocularis*. Molecular and Biochemical Parasitology, 156, 84-88.

PICA-MATTOCCIA L., RUPPEL A., XIA C.M., CIOLI D. 2008. Praziquantel and the benzodiazepine Ro 11-3128 do not compete for the same binding sites in schistosomes. Parasitology, 135

RICHTER J., RUPPEL A. 2010. Schistosomiasis oder Bilharziose. In: Löscher T, und Burchard G.D., Eds.: Tropenmedizin in Klinik und Praxis. pp 676-705. Thieme, Stuttgart, 2010

LEONARDIA A., PYRTHECH H., RONQUILO K., NODORA R.G., RUPPEL A. 2012. Assessment of factors influencing retention in the Philippine National Rural Physician Deployment Program. Biomed Central Health Services Research 12, 411.
<http://www.biomedcentral.com/1472-6963/12/411>