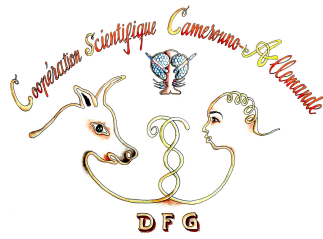




Programme Onchocercoses,
BP. 65; Ngaoundéré, Kamerun
www.riverblindness.eu



EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



MEDICAL ENTOMOLOGY AND EPIDEMIOLOGY

Collaborative Workshop at the University of Ngaoundere

		8 – 12 Teaching UN	15 – 18 Practicum Groups
Monday	Introduction	Modes of transmission of parasites, Entomological parameters; Vectorial Capacity, Basic Rep. Rate <i>Plasmodium</i> blood-smears	A) <i>Simulium</i> breeding sites, biting-behaviour on man, Experiment for control of <i>Simulium</i> larvae in fast running streams (AR)
Tuesday	Biology of vectors	Juvenile aquatic stages in fast-running versus stagnant water <i>Simulium</i> & <i>Anopheles</i>	B) Mosquitoes: visit of Culicid breeding sites near the university (DE)
Wednesday	The “Big Six” of tropical diseases	Malaria, Trypanosomiasis, Filariasis etc. Biology of ticks Ticks, <i>Microfilariae</i> , Tryps	C) Flies and ticks on cattle: Biting behaviour, Repellents (DR, SM)
Thursday	Field & laboratory techniques	Identification of parasites in their vectors: Dissection of flies <i>Filariae</i> in <i>S. damnosum</i>	D) PCR and Sequencing of DNA (Demonstration, AE, NN)
Friday	Vector control	Insecticides, Biological Control and Genetic Manipulation of vectors Egg counts in faeces	E) ELISA (IRAD, DA, KM, AP)
Saturday	Malacology	Snail vectors of trematodes <i>Cercariae</i> , <i>Embryogramme</i>	F) Snail vectors in laces (JB)
Sunday/ Monday	excursion	Parc National de la Bénoué	Parasites and vectors of game diseases

AR (Alfons Renz) DA (Dan Achu-Kwi) DN (Dieudonné Ndjonka) FT (Fernand Tchuemguem) AE (Albert Eisenbarth) DE (David Ekale) DR (Daniela Renz) JB (Jeremie Boudjepto) KM (Kingsley Manchang) NN (Nancy Nwasiri) AP (Archile Paguem)