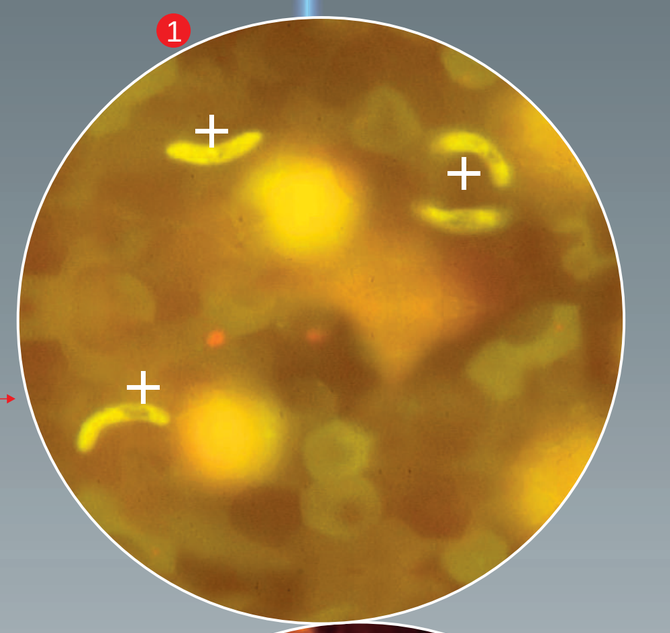
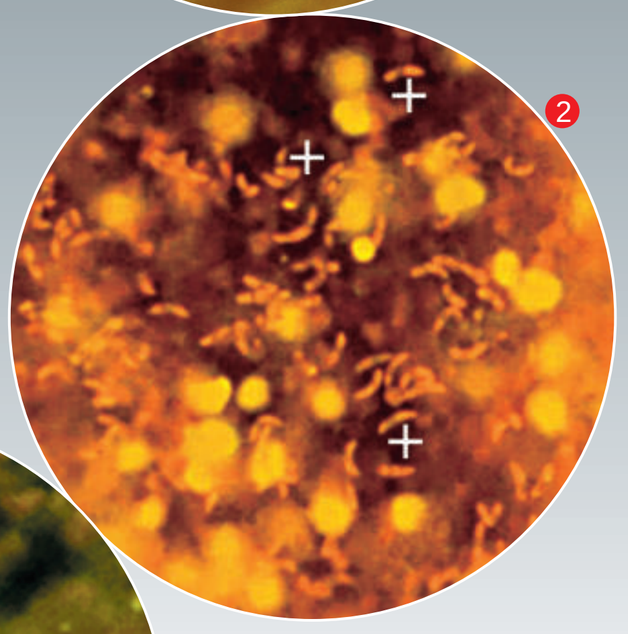
# FLUORO-SPOT™

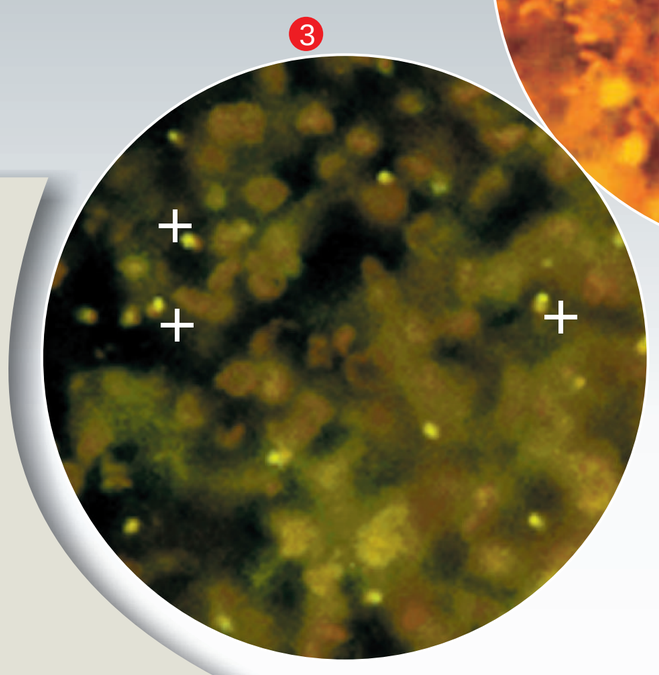
High resolution fluorescence microscopy objective lens with built-in fluorescence filter cluster & light port for epi-illumination from white light high intensity illuminators

- Centrifugal buffy coat Blood Parasite Detection
- Public Health & Diseases Surveillance
- Food & Dairy Product Monitoring
- Drinking Water Management
- Animal & Plant Cell Biology
- Oceanography & Limnology
- Rapid Malaria Diagnosis
- Microbial Air Sampling
- Veterinary Science
- Biology Instruction
- Medical Research






## MODEL: FS60

Aplanarlens™ basic fluorescent binocular microscope system with Fluoro-spot™ fluorescence objective SM Plan 60X oil immersion (numerical aperture 1, W.D. more than 0.36 mm.) with built-in precisely aligned FITC filter cluster 'AWB' and an adjustable light port for epi-illumination from high intensity light illuminator.

***Cover Images*** *[1,2&3]* ***:*** *(Courtesy of Dr. G.S. Vijay Kumar Prof. & Head of the Dept. of Microbiology J.S.S. Medical College & Hospital, Mysore).*

Using Adelta Optec Binocular Fluorescence Microscope System. These photomicrographs are of different stages of malarial blood parasites as seen in centrifugal expanded buffy coat method that uses acridine orange fluorochrome as a fluorescent stain. The Malaria Test kit used here is of BD (Camera used is Nikon Cool Pix).

1 & 2 : Numerous crescent shaped gametocytes of *P. falciparum* (Crosses) in the lymphocyte layer. The gametocytes tends to concentrate in the lymphocyte layer. *(600x oil).*

3 : Trophozoites & ring forms of *P. falciparum* (Crosses) (600x oil).

ADELTA™ OPTEC

*...For life is precious*