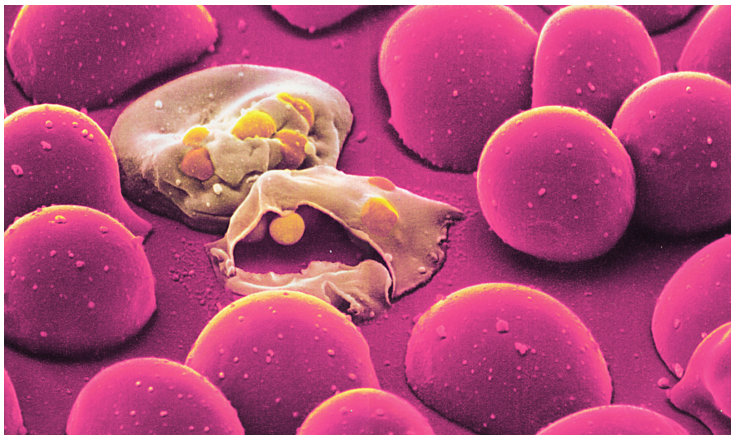


## UoH scientists devise nanomedicine against malaria

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**The nanomedicine is in the form of an injectable capsule.**



A team of scientists at the University of Hyderabad (UoH) has developed a new drug delivery system, which comes with a time temperature clock, and has the potential to neutralise the mosquito's sting.

The team has used biodegradable, porous, polymeric nano capsules, which efficiently deliver the drug into the body and control the action of the parasite- *P. falciparum*.

The nanomedicine is in the form of an injectable capsule. Inside the patient's body, the capsule will release the drug when the temperature starts rising during malaria and stop when the temperature comes down.

The scientists claim that the new formulation is quite efficient in killing the *P. falciparum* infection in RBCs (Red Blood Cells), and is ready for animal trials.