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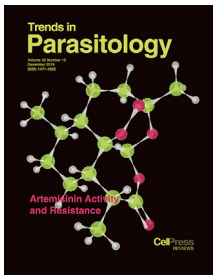
Parasite of the Month



On The Cover: Artemisinin and its derivatives have been serving as the most effective compounds in malaria treatment worldwide since their discovery from Chinese traditional medicine back in 1972. Unfortunately, resistance to artemisinin has emerged in Southeast Asia about a decade ago. Since then, the potential spread of resistance has been threatening global malaria control and elimination efforts. In this issue of *Trends in Parasitology*, Dr. Frédéric Ariey and colleagues, the group who first identified the main artemisinin resistance marker K13, give an overview of recent artemisinin research and offer an updated model of the artemisinin resistance mechanism. Cover image (molecular structure of artemisinin) courtesy of iStockPhoto/shunyufan.

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