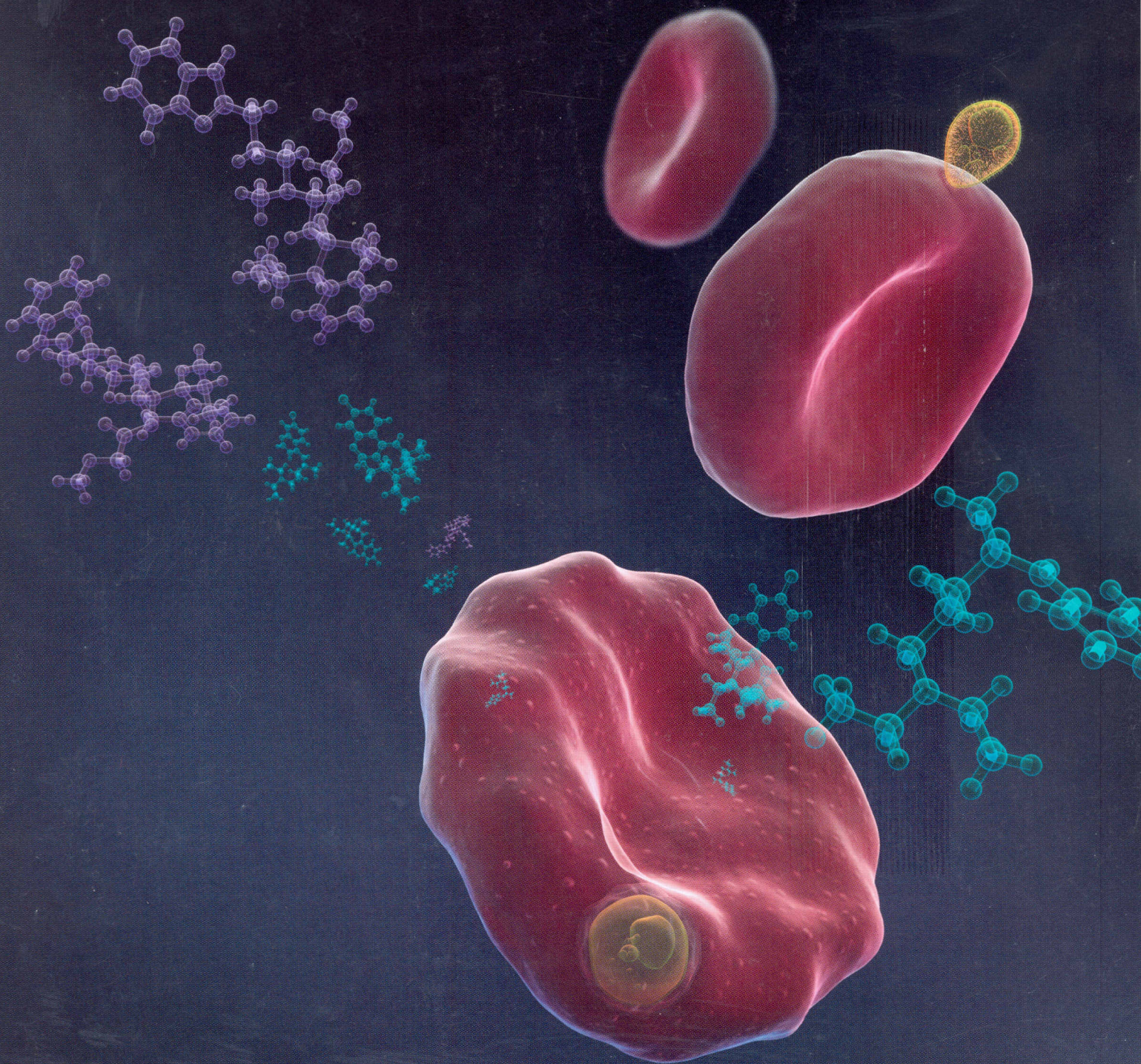


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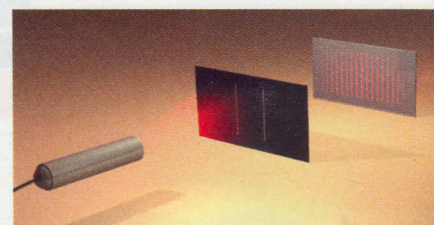
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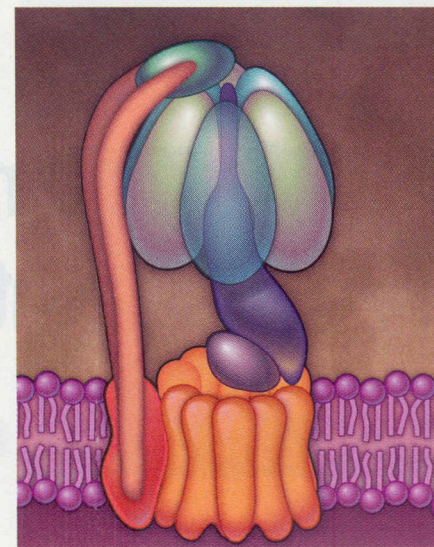
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A pair of chemical compounds (light blue and purple) target wild-type and mutant forms of the *Plasmodium falciparum* chloroquine resistance transporter, which mediates the parasite's (yellow) resistance to the widely used antimalarial drug. Using high-throughput chemical and genetic analyses, Yuan *et al.* identify potential new antimalarial drugs that could be used in combination to suppress the development of drug resistance. See page 724.

Image: Ethan Tyler and Alan Hoofring, Division of Medical Arts, National Institutes of Health

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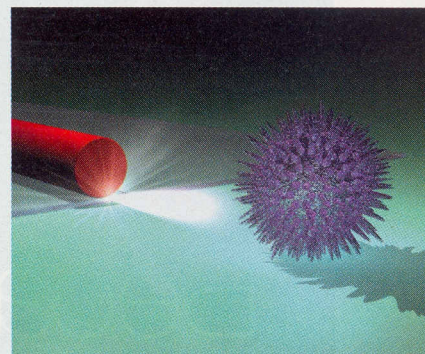
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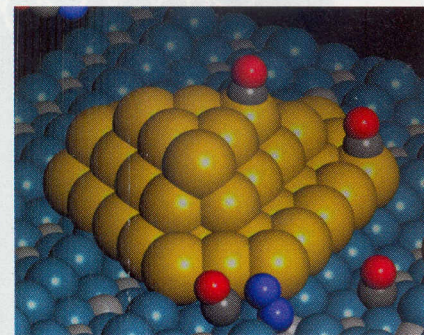
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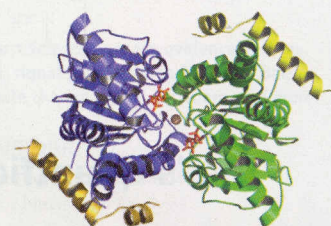
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RESEARCH ARTICLE: Structure of a Light-Activated LOV Protein Dimer That Regulates Transcription

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PERSPECTIVE: K2P Potassium Channels, Mysterious and Paradoxically Exciting

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JOURNAL CLUB: MicroRNAs Add an Additional

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Down-regulation of microRNAs associated with EGF signaling may contribute to tumor progression.

GLOSSARY

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PERSPECTIVE: Progress Toward Development of a Hepatitis C Vaccine with Broad Shoulders

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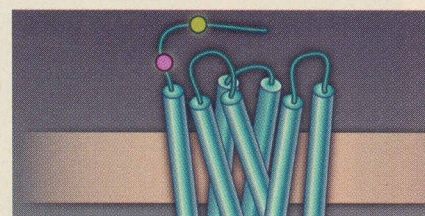
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RESEARCH ARTICLE: Urine TMPRSS2:ERG Fusion Transcript Stratifies Prostate Cancer Risk in Men with Elevated Serum PSA

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Urine TMPRSS2:ERG gene fusion could be used for stratification of patients at higher risk for prostate cancer.



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R. Kaufman

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