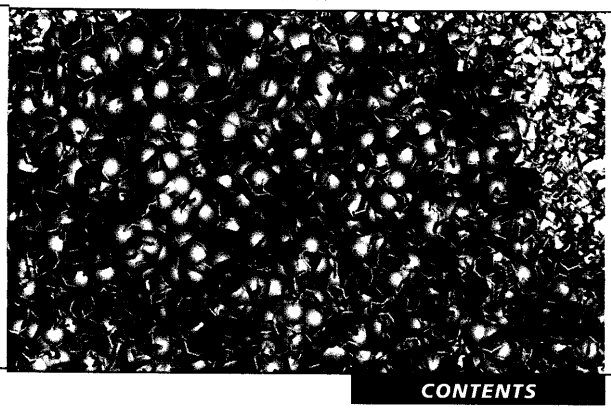


**Cover**

*Typical set-up for molecular dynamics (MD) simulations: the biomolecule (spheres) is solvated with water (wire-frame representation). MD simulations yield the dynamics of molecules with a femtosecond ($10^{-15}$ s) time resolution and, simultaneously, with atomic resolution. They are therefore very suitable for the study of fast processes, such as photoswitching of fluoroproteins, and for complementing experimental data. For further details, see the article by Lars Schäfer on pages 247–255*

## B.I.F. INTERNAL



## RESEARCH



## SCIENCE



## RESULTS