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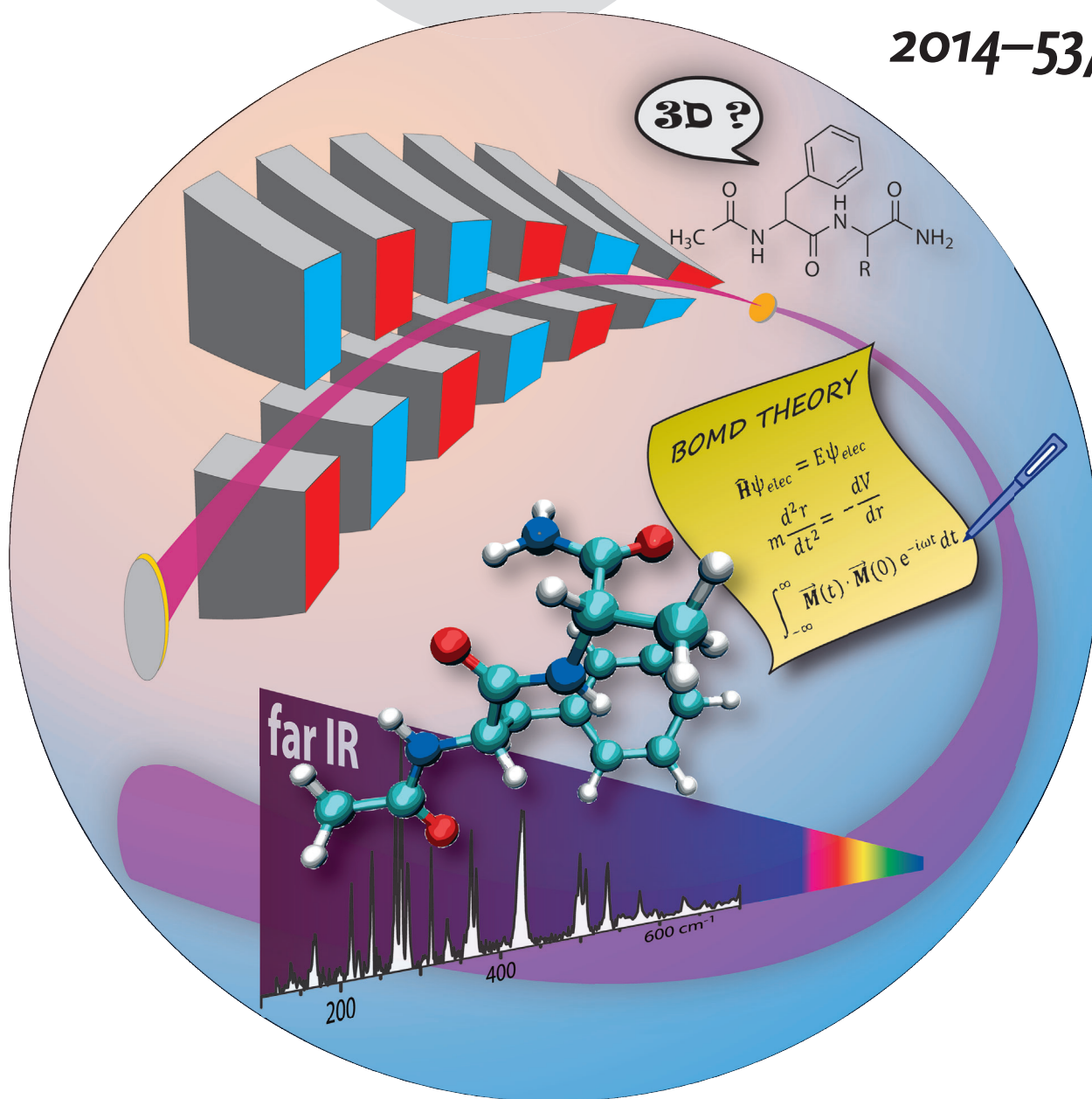
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Soft vibrational modes ...

... are typically delocalized over the entire molecule. A far-infrared spectrum is therefore expected to contain detailed information on the global conformational structure of peptides. In their Communication on page 3663 ff., M.-P. Gaigeot, A. M. Rijs, and co-workers show that conformation-selective far-IR spectroscopic experiments combined with Born–Oppenheimer molecular dynamics (BOMD) simulations provide an alternative approach to decipher this information.

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