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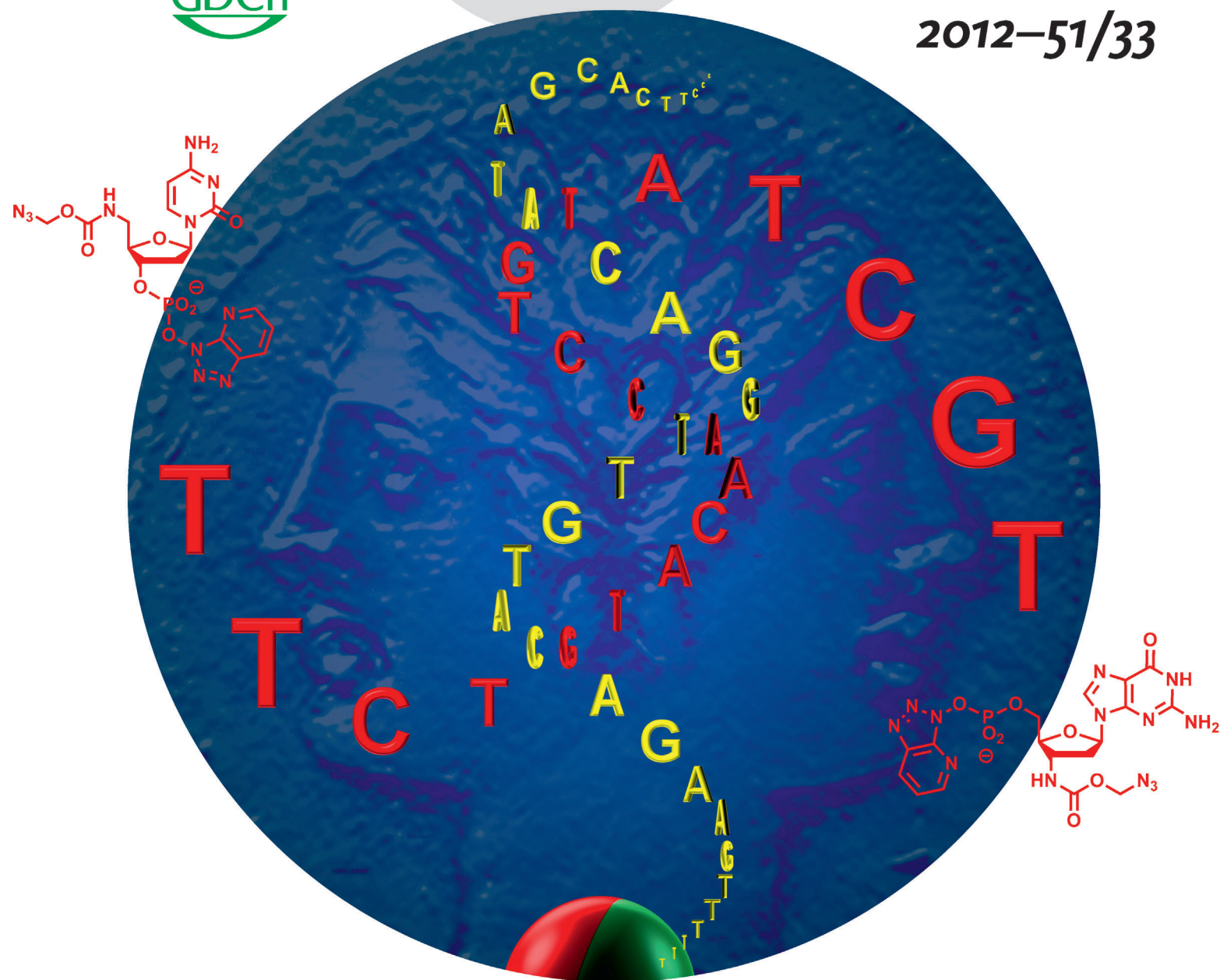
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Simultaneous chemical primer extension ...

... in both 3'- and 5'-direction is reported by C. Richert et al. in their Communication on page 8299 ff. The use of magnetic beads as a solid support and azidomethoxycarbonyl moieties as protecting groups provided control over the extension steps directed by a DNA sequence. The method combines features of replication and of automated DNA synthesis.

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